

Rivulis



**Power
Plastics**



Price Book

EMEA

2018

Included in the book you will find the general description of the product, key features, packaging quantities, and **list pricing**. Additionally, you will find a Product Category number for each section of products. The **Product Discount Category** will determine which discount you may apply to the product in that section. The product discount categories and discount levels are available from your Sales Representative or Sales Manager. Additionally, we are implementing a system for categorizing products based upon Inventory levels (**Standard**) or if the products are made to order (**Custom**).

Calculating your dealer price is simple. Just check the product category in the book and deduct the relevant discount on your corresponding Dealer Discount Sheet.

A - Standard - Product is generally ready for shipment. Check with Customer Service for shipping times at time of order.

B - Custom Products - Custom products are available upon request. Contact Customer Service or Sales Manager for details.

Order process

We get many orders per day. Please help us ensure we get your order right by including full description of the product, quantity required and a part number (if available) on your purchase order.

Warranty, terms and conditions of sale

Please keep in mind that all orders and sales are subject to Rivulis Irrigation warranty and terms and conditions of sale.

Minimum Order Qty (roll)	Order Status	Item Number	Price (EUR/roll)
160	Custom	101001473	212,00
20	Standard	101001474	212,00
160	Custom	101001475	212,00
160	Custom	101001476	212,00

Contact Information

Netherlands

Power Plastics b.v.
 Gieterij 51
 2211WC Noordwijkerhout
 Netherlands
 Email: info@powerplastics.com
 Tel.: +31-252-216-650
 Fax: +31-252-231-855

Conversion tables

Convert	Into	Formula
Measurement units		
mil	mm	$\text{mm} = \text{mil} \times 0,0254$
mm	mil	$\text{mil} = \text{mm} / 0,0254$

US Mesh	Microns
150	100
120	130
80	200
50	300
40	400
20	800
15	1 000
9	1 600
6	2 500
5	3 000

Inch	Millimetres
1/2	15
3/4	20
1	25
1½	40
2	50
3	80
4	100
6	150
8	200
10	250
12	300
14	350
16	400
18	450
20	500

Mil	Millimetres
6	0,15
8	0,20
10	0,25
12	0,30
15	0,38
18	0,46
25	0,64
30	0,76
35	0,89
40	1,02
45	1,14
47	1,19

Note: Figures are rounded for indicative use only

General Conditions of Sale

Prices EW Works Rivulis factory

1. GENERAL CLAUSE

These Terms and Conditions of Sale form an integral part of the agreements between RIVULIS IRRIGATION SAS and its Customers whether Customers are located in France or abroad, and regardless of the language used in their correspondence.

Any proposal or offer of supplies and/or services by RIVULIS IRRIGATION SAS to its Customers shall be accompanied these General Terms and Conditions of Sale. RIVULIS IRRIGATION SAS provides a link to these General Terms and Conditions on each Quotation and Purchase Order.

The fact of the recipient acknowledging receipt of the proposal or of entering into discussions with RIVULIS IRRIGATION SAS for the supply by RIVULIS IRRIGATION SAS of goods and services shall automatically be taken as meaning that the Customer has a full and complete understanding of these General Terms and Conditions of Sale and, unless otherwise provided by the Parties duly accepted by RIVULIS IRRIGATION SAS, shall mean that the Customer accepts that these General Terms and Conditions of Sale will apply to the Customer's order. Any request for amendment, revision or any request by the Customer to introduce one or more provisions contained within its General Terms and Conditions of Sales or other conditions shall not be taken into account unless it has been formally accepted in writing by RIVULIS IRRIGATION SAS. No particular condition may, unless formally accepted in writing by RIVULIS IRRIGATION SAS, prevail over these General Terms and Conditions of Sale. Any contrary condition imposed by the Customer shall, therefore, be discounted unless expressly accepted by RIVULIS IRRIGATION SAS regardless of when it is brought to its attention. The fact of RIVULIS IRRIGATION SAS not taking advantage at any given time of any of these General Terms and Conditions of Sale may not be interpreted as waiving the right to subsequently enforce any of these conditions.

2. MAKING THE CONTRACT

When a quotation is prepared by RIVULIS IRRIGATION SAS in any form whatsoever, it shall constitute the preliminary offer of RIVULIS IRRIGATION SAS based on these General Terms and Conditions of Sale. Any change to the General Terms and Conditions of Sale appearing in the offer shall prevail over the provisions included in the General Terms and Conditions of Sale, it being specified that the General Terms and Conditions of Sale shall remain applicable for all other provisions that have not been modified.

Any order made by the Customer shall not be considered as definitively accepted by RIVULIS IRRIGATION SAS until it is accepted in writing. It is this acceptance that will constitute in this case the particular conditions.

3. CONFIDENTIALITY - INDUSTRIAL PROPERTY

All studies, plans, drawings, prices and documents provided to the client shall remain the property of RIVULIS IRRIGATION SAS and are confidential. The Customer may not use them outside the contract, may not intentionally or unintentionally communicate them to third parties and undertakes to take all necessary measures to this end with regard to both third parties and its own employees.

In the event that the contract is not made, studies and documents provided or sent must be returned to RIVULIS IRRIGATION SAS upon written request from RIVULIS IRRIGATION SAS.

4. DELIVERIES - TRANSPORT

Unless stated to the contrary, delivery is deemed to be made in the factories or stores of RIVULIS IRRIGATION SAS. In the case of export sales, products shall be sold EX WORKS as defined by Incoterms (2000 edition), regardless of provisions relating to installation.

Delivery is made either by direct delivery of products to the Customer or by a simple notice of availability or by delivery to a shipper or carrier designated by the Customer or if not designated by the client then chosen by RIVULIS IRRIGATION SAS. If this delivery is delayed for any reason beyond the control of RIVULIS IRRIGATION SAS it will be deemed to have been made on the date and at the place agreed.

The Customer shall be responsible - unless stated differently in the Quotation or Purchase Order - for all costs and risks related to the transport of goods of the subsequent Purchase Order.

5. DEADLINES - PENALTIES

Deliveries are only made according to availability and in the order of arrival of orders. Unless specified otherwise in the order, dates given are indicative.

Delivery dates shall be defined from the latest of the following dates:

- Receipt of the written confirmation on the Quotation provided by RIVULIS IRRIGATION SAS.
- Receipt by RIVULIS IRRIGATION SAS into its bank accounts of the deposit or full payment, according to the agreed upon payment terms.

RIVULIS IRRIGATION SAS shall, ipso jure, be exempted from any commitment related to deadlines in the event of force majeure or events occurring within RIVULIS IRRIGATION SAS or its suppliers such as, but not limited to, lockout, strike, epidemic, requisition, war, embargo, lack of authorisation, fire, flood, machinery accident, rejection of major parts in the course of manufacture, interruption or delay to transport or supply of raw materials, energy or components, or any other event out of the control of RIVULIS IRRIGATION SAS.

Overruns of delivery deadlines shall not give rise to damages, deductions or cancellation of current orders. Nevertheless, if three months after the indicative delivery date ordered products have not been delivered or ordered services have not been performed for any reason other than as above, the contract may, then, be terminated on the request of either party and the Customer shall be entitled to obtain return of the deposit paid, to the exclusion of any other compensation or damages.

General Conditions of Sale

Prices EW Works Rivulis factory

PRICE - PAYMENT TERMS - PENALTIES

The products and services will be provided at the prices and rates in effect at RIVULIS IRRIGATION SAS at the time of order. Except for special prices, the prices of products are net EW Works Rivulis factory, including standard packaging. They do not include transportation costs, special packaging or insurance or taxes, duties or other charges, unless RIVULIS IRRIGATION SAS decides otherwise.

The nature, amounts and descriptions of products and services to be supplied shall be specified in the special conditions.

For orders for which RIVULIS IRRIGATION SAS requires payment of a deposit upon placement of the order, it shall be the date of receipt of this deposit that will determine the entry into force of the order.

The balance will be paid upon delivery of the products sold and/or upon receipt of the services performed.

Subject to particular agreements with each Customer and in accordance with legal provisions, invoices are payable within a maximum period of 60 days from the date of invoice.

An invoice is raised for each delivery of goods and / or services and is issued at the time of the delivery of the goods and / or service. This invoice will include all the information provided by the legal provisions applicable in France.

In the event of late payment, pursuant to articles L.441-6 and D.441-5 of the French Commercial Code, and subject to foreign regulations which may apply for international sales, without need for formal notice of default, the Customer shall be ipso jure liable to pay (i) a penalty for late payment on the basis of the whole of the sums remaining due equal to ten (10) times the legal interest rate applicable in France (Business to Business conditions) to the due dates of the unpaid invoices and (ii) a compensation fee for recovery costs of forty euros (€40).

In no case may payments be suspended, delayed or amended even in the event of dispute without the prior written agreement of RIVULIS IRRIGATION SAS.

Payment made before due date: In the case of payment made before the due date except in the event of a particular variant agreement, the Customer shall be entitled to a discount on the price of 0.3% per month.

6. RESERVATION OF OWNERSHIP

RIVULIS IRRIGATION SAS shall retain ownership of goods sold until actual payment of the whole of the price of the principal amount and other charges. Failure to pay may result in goods being reclaimed.

In case of the processing or incorporation of goods sold under reservation of ownership, the transformed goods become the seller's pledge until full payment.

These provisions do not prevent the transfer to the Customer from delivery of the risks of loss or damage of goods sold or for any damage they cause.

7. PACKAGING

Packaging will not be taken back by RIVULIS IRRIGATION SAS and its cost will always be the responsibility of the Customer (included in the price of the product if the packaging is standard and invoiced separately if the packaging is special).

Unless stated to the contrary, packaging is prepared by RIVULIS IRRIGATION SAS, acting in the best interests of the Customer.

8. TRANSPORT

All transport operations, insurance and customs fees after delivery are the responsibility of the Customer and goods sold travel at the Customer's risk notwithstanding the provisions related to reservation of ownership.

It is the Customer's responsibility to make to the carrier within the time limits established by law, even if the carrier was chosen by RIVULIS IRRIGATION SAS, any reservations related to the condition of these goods.

In the event of shipment by RIVULIS IRRIGATION SAS, unless stated to the contrary, shipment is made freight collect.

9. WARRANTY

The conditions under which RIVULIS IRRIGATION SAS warrants the products it supplies are the subject of a separate document entitled "Conditions of use/ Warranty" that forms an integral part of these Conditions and forms an indivisible whole with these General Terms and Conditions of Sale.

10. CANCELLATION CLAUSE

In the event of a breach of its obligations by either party, this contract shall be ipso jure cancelled with no legal formality in favour of the other party.

Cancellation shall take effect eight days after despatch of a registered letter with acknowledgement of receipt has been to no avail. RIVULIS IRRIGATION SAS shall be entitled to retain deposits paid as a penalty clause without prejudice to damages it may otherwise claim.

11. SETTLEMENT OF DISPUTES

Any dispute relating to this contract, even in the event of warranty claims or plurality of defendants shall, in the absence of out-of-court agreement, be under the exclusive competence of the Commercial Court in whose jurisdiction is located the headquarters of RIVULIS IRRIGATION SAS.

French law shall be applicable both for interpretation of the agreements and for governing procedural law.

LIMITED WARRANTY PERFORMANCE AND COVERAGE

The Rivulis products listed below ("Products") are intended and limited to agricultural, horticultural irrigation and mining.

Rivulis Irrigation warrants to its customers that its Products will be free from defects in materials and workmanship for the warranty period of each Product Category stated below from the date of shipment from Rivulis.

The replacement of the Products, under the warranty, will not have the effect to extend the duration of the warranty period as mentioned above.

Rivulis will, at its sole option, repair or replace part or all of a defective Product, or refund part or the entire original purchase price under the terms and conditions of this warranty, excluding any other compensation, penalties, indemnification occurred by the defect.

Any technical assistance furnished by Rivulis with respect to Products covered by this warranty shall be furnished without charge and will be given and accepted at the customer's sole risk.

Non-defective replacement parts required to perform or complete warranty repairs will not be covered under the terms of this warranty.

Claims must be made within fifteen (15) calendar days of the time the defect become apparent by contacting an Authorized Rivulis Dealer or notifying in writing Rivulis Irrigation, Attention: Rivulis Irrigation, Service Qualité, 13, chemin Novital, 31150 Lespinasse, France, with the claim, and at Rivulis option, either return the alleged defective Product to Rivulis, or grant access to Rivulis or a Rivulis factory representative, as the case may be, to inspect the Product on site.

Correspondence must be accompanied by original customer purchase receipt and delivery receipt.

Rivulis must preauthorize the return of all defective Products.

All substantiated warranty claims are limited to the replacement of the defective product not including any removal and/or installation or associated costs for removal and/or installation.

This warranty applies only to products branded and sold under the Rivulis name.

Freight Carrier assumes the responsibility of safe delivery and all claims for such damages must be filed with the freight carrier directly.

WARRANTY COVERAGE

Thin and Medium wall driplines with emission devices (By Wall Thickness)

Product	Period (Non-Mining Approved Applications)	Mining
4 - 5 mil	6 Months	Not Recommended for use in this application
6 - 10 mil	1 Year	Not Recommended for use in this application
12 - 18 mil	2 Years	1 Year

Medium and Thick wall driplines with emission devices (By Wall Thickness) and Hose and Tubing (By Wall Thickness) Except Layflat

Product	Period (Non-Mining Approved Applications)	Mining
19 - 44 mil	3 Years	1 Year
45 mil and larger	5 Years	2 Years

In-line Drippers in their original form, On-Line drippers, Sprayers, Micro-Sprinklers, Misters and Foggers - All Products are warranted for a period of 3 Years

Impact Sprinklers - 2 years

Fittings for driplines and PE hose - All Products are warranted for a period of 5 Years

PE Flat Hose - All Products are warranted for a period of 2 Years

PE Blind Pipes, PVC Pipe, PVC Valves and PVC Fittings - All Products are warranted for a period of 1 Year

Layflat - All Products are warranted for a period of 2 Years

Metal Filters, Plastic Filters, Media Filters, Automatic screen filter, Strainers, Sand Separators, Fertilization Tanks - each unit is warranted to be free of defects in design, materials and workmanship for a period of 2 Years after delivery

Air Valves - All products are warranted for 1 Year after delivery

If the warranty period is longer than twelve months, and Products are replaced under the warranty after the first year, Buyer will pay a prorated percentage of their cost, equal to the ratio between the period that has passed prior to replacement and the full warranty period.

LIMITED WARRANTY PERFORMANCE AND COVERAGE

EXCEPTIONS TO WARRANTY

The following items are specifically excluded from any warranty coverage:

1. Installation or use of Products beyond design specification including, but not limited to, use in a non-agricultural, non-mining or non-horticultural irrigation application, use in conjunction with any other Product not manufactured or supplied by Rivulis, or Product that is otherwise improperly installed;
2. Product not purchased from Rivulis or an Authorized Rivulis Dealer;
3. Products subjected to any alterations, modifications, or repairs that are attempted by anyone other than an authorized Rivulis employee, Dealer or representative;
4. Damages or plugging resulting from insects, rodents or other animals; incorrect pressurization; improper treatment or filtration of water to the requirements specified for the product components; mechanical damages; root intrusion; burn holes from using products under clear plastic mulch; incorrect power (current, voltage and/or frequency) or use with improper or faulty electronic components;
5. Any labor on installation or removal of any Product, including: any removal for purposes of inspection or determination of whether any defects exist, for any costs incurred for labor or services in connection with the inspection or removal of any Product, and/or for installation of a replacement Product;
6. Product that has been subjected to improper operation, abuse, misuse, mishandling, accident, neglect, or failure to follow the manufacturer's instructions;
7. Damage caused by normal wear;
8. Damage or loss as a result of, or during, shipping; and
9. Acts of nature, accidents, or other causes beyond the control of Rivulis.

DISCLAIMERS

THE FOLLOWING REMEDIES ARE EXCLUSIVE.

THE WARRANTIES EXPRESSED HEREIN ARE THE ENTIRE WARRANTIES OF RIVULIS FOR ITS PRODUCTS DESCRIBED ABOVE AND ARE IN LIEU OF ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, ORAL OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO AGENT, REPRESENTATIVE, DEALER, DISTRIBUTOR, SERVICE COMPANY, OR OTHER PARTY IS AUTHORIZED TO CHANGE, MODIFY, OR EXTEND THE TERMS OF THIS WARRANTY OR TO MAKE ANY REPRESENTATION OR WARRANTY NOT CONTAINED HEREIN.

RIVULIS, ITS DIRECTORS, OFFICERS, EMPLOYEES, AGENTS, PARENT OR AFFILIATED COMPANIES, SUCCESSORS AND ASSIGNS SHALL IN NO EVENT BE LIABLE FOR INJURY TO ANY PERSON, OR FOR ANY CLAIM FOR DAMAGE, HOWEVER ARISING AND ASSUMES NO LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY TYPE RESULTING FROM THE USE OF ITS PRODUCTS, WHETHER OR NOT FORESEEABLE.

ALL CONSEQUENTIAL EXPENSES, INCLUDING LOSS OF USE, LOSS OF PROFIT, LOST SAVINGS, LOSS OF SALES, CROP LOSS OR DAMAGE TO CROPS, OR CONTINGENT LIABILITIES, WHICH MAY INCLUDE BUT ARE NOT LIMITED TO THE REMOVAL OF OTHER VEGETATION, CUSTOM FIXTURES OR THE NEED FOR CRANE/EQUIPMENT RENTAL FOR REMOVAL, ARISING OUT OF ANY ALLEGED DEFICIENCIES OF THE PRODUCTS ARE SPECIFICALLY EXCLUDED. TO THE MAXIMUM EXTENT PERMITTED UNDER APPLICABLE LAW, RIVULIS ENTIRE LIABILITY FOR PRODUCTS REGARDLESS OF THE FORM OF ACTION SHALL IN NO EVENT EXCEED THE TOTAL AMOUNT PAID TO RIVULIS FOR THE SPECIFIC PRODUCT GIVING RISE TO THE CLAIM.

Aimed at continued improvement, Rivulis reserves the rights to change specifications without prior notice.

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Drip Tapes

Drip Tapes



Drip Tapes | Guide

Quick Reference Guide

	T-Tape	T-Tape ^s	Reserve Tape	Rodrip
Dripper Type	Integrated emitter	Integrated emitter	Integrated emitter	Integrated emitter
Turbulent Flow	✓	✓	✓	✓
Outlet	Slit	Slit	Slit	Hole
Flow Rates (lph)	0,25 - 1,35	0,25 - 1,35		
Flow Rates (l/100m/h)	125, 170, 190, 250, 340, 380, 500, 1000, 1350	125, 170, 250, 340, 500	145, 185, 285, 375, 560	185, 250, 300, 340, 500, 750
Drip Tape Diameter (mm)	16, 22, 29	16, 22	16, 22	16, 22
Drip Tape Wall Thickness	5-15 mil	6-8 mil	6-8 mil	5-10 mil
Spacing (cm)	10, 15, 20, 30, 40, 50	15, 20, 30	20, 30	10,15, 20, 30, 40

Outstanding agronomic performances

Features:

- No additional cost for closer emitter spacing
- Large precision knife cut outlet
- Designed reverse chevron track combined with numerous inlet filters provide an excellent turbulent design and a wide inlet filtration area
- Strong seam along the entire length of the tape provides an extra layer of protection to the inbuilt emitter. from damage, both during installation and retrieval.
- Can work at very low operating pressure

Benefits:

- Makes emitter spacing an agronomic decision, not an economic decision.
- By keeping emitters spaced at close intervals, water (and nutrients) flows laterally quicker, ensuring a continued and uniform wet strip along the row.
- Save labor and time with an efficient and troubleless field installation / retrieval of the tape
- Slit outlet collapses on system shutdown to help prevent soil ingestion and to reduce root intrusion (ideal product for sub-surface drip irrigation (SDI))
- Advanced engineering and unique features for a great clogging resistance.



Crop Applications

- Seasonal vegetable crops: onions, tomatoes, potatoes, asparagus, peppers, melons , broccoli, strawberries, leafy greens,...
- Open field Row crops: corn, bean, chickpea, cotton,...
- Used in SDI and multiseasonal applications: sugarcane, alfalfa, young tree

How to use

- On-surface
- Under opaque plastic mulch (cannot be installed under transparent plastic mulch)
- Sub-surface Drip Irrigation (SDI)

When it comes to tape, often it is good to be thick! Greater wall thickness means the tape will last longer and is more suited for long-term use, or where there is high risk of external damage. (heavy soil, rocky soil, insects, animals,...)

Use with

Check out the Drip Tape Fittings section for a full list of fittings specifically designed for use with our products.

Drip Tapes | T-Tape

Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h/100m)		(cm)
16		5		125		10
22		6		170		15
		7		190		20
		8		250		30
		10		340		40
		15		380		50
				500		
				1000		
				1350		



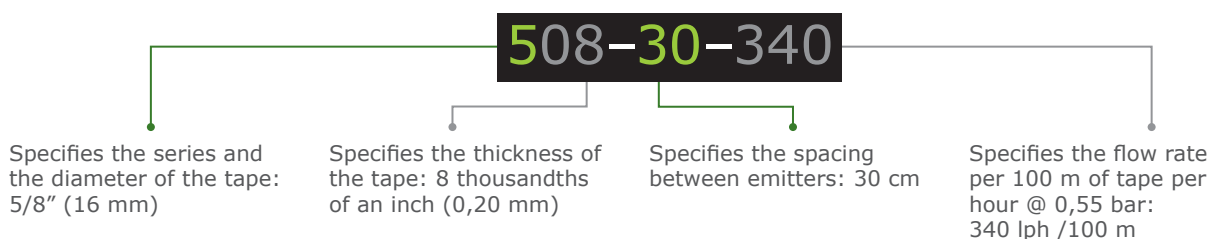
Roll Sizes and Weights		
Dia/mil	Meter	Max. Weight (Kg.)
16/5	3658	29
16/6	3050	29
16/7	2800	29
16/8	2300	29
16/10	1830	29
16/15	1250	29
22/6	2250	29
22/7	1972	29
22/8	1695	29
22/15	915	29

Purchasing Information T-Tape		
Container	Rolls per pallet:	16
Pallet Dimension:	1,02 m x 1,02 m x 1,14 m	
Truck	Rolls per pallet:	20
Pallet Dimension:	1,3 m x 1,2 m x 1,17 m	

Truck Quantities	
Dia/mil	Tautliner
All	800

Container Quantities			
Dia/mil	20'	40'	40' HC
All	320 (420 Loose)	640 (800 Loose)	640 (800 Loose)

Easy Product Identification



Drip Tapes | T-Tape

Length of Run (m) at 90% Emission Uniformity

Emitter Spacing (cm)	Flow Rate (lph / 100m)	Emission Uniformity Pressure (0,55 bar)	0% Slope (m)
16 mm			
10	1350	90%	61
15	1000	90%	82
20	125	90%	245
20	250	90%	178
20	380	90%	138
20	500	90%	115
30	170	90%	233
30	250	90%	180
30	340	90%	150
40	190	90%	216
40	250	90%	181
22 mm			
20	500	90%	205
30	250	90%	315
30	340	90%	265
40	190	90%	381

Operating Pressure by Model

Model	Operating Pressure (bar)
505, 706, 707, 908	0,30 - 0,56
506, 708	0,30 - 0,70
508, 510, 512, 515	0,30 - 1,05
710, 712, 715	0,30 - 1,05

Technical Data T-Tape		
Diameter:	16 / 22 / 29 mm	
Operating pressure:	0,55 bar	
Pressure (for flow rate calculation):	0,55 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
< 0,65	100	150
0,65 - 1,2	100	150
> 1,2	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Tapes | T-Tape

T-Tape Drip Tape - 16 mm (5/8" I.D.)							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
5	20	380	3 658	160	Custom	101001473	212,00
5	20	500	3 658	20	Standard	101001474	212,00
5	30	170	3 658	160	Custom	101001475	212,00
5	30	250	3 658	160	Custom	101001476	212,00
5	30	340	3 658	160	Custom	101001477	212,00
6	10	1 350	3 050	20	Standard	101045761	195,00
6	15	500	3 050	160	Custom	101001679	195,00
6	15	1 000	3 050	20	Standard	WT13088	195,00
6	20	125	3 050	20	Standard	101001478	195,00
6	20	250	3 050	20	Standard	101001479	195,00
6	20	380	3 050	20	Standard	101001480	195,00
6	20	500	3 050	20	Standard	101001481	195,00
6	20	500	675	64	Custom	101014489	48,00
6	30	170	3 050	20	Standard	101001482	195,00
6	30	250	3 050	20	Standard	101001485	195,00
6	30	340	3 050	20	Standard	101001488	195,00

Drip Tapes | T-Tape

T-Tape Drip Tape - 16 mm (5/8" I.D.)							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
7	10	1 350	2 800	160	Custom	WT13085	191,00
7	15	1 000	2 800	20	Standard	WT14982	191,00
7	20	500	2 800	20	Standard	101014490	191,00
7	30	250	2 800	160	Custom	101022864	191,00
7	30	340	2 800	20	Standard	101014491	191,00
7	40	190	2 800	160	Custom	WT15158	191,00
8	10	750	2 300	160	Custom	101001490	170,00
8	10	1 350	2 300	20	Standard	101045762	170,00
8	10	1 350	1 150	210	Custom	WT10222	93,00
8	15	1 000	1 150	210	Custom	101038231	93,00
8	15	1 000	2 300	20	Standard	101001491	170,00
8	20	250	2 300	20	Standard	101001492	170,00
8	20	380	2 300	20	Standard	101001869	170,00
8	20	500	500	64	Custom	101014492	48,00
8	20	500	2 300	20	Standard	101001494	170,00
8	30	170	2 300	160	Custom	101001497	170,00
8	30	250	2 300	20	Standard	101001499	170,00
8	30	340	2 300	20	Standard	101001500	170,00
8	40	190	2 300	160	Custom	101001710	170,00
8	40	250	2 300	160	Custom	101001712	170,00
10	15	1 000	1 830	160	Custom	101001508	166,00
10	20	500	1 830	20	Standard	101001511	166,00
10	20	500	375	64	Custom	101014494	43,00
10	30	340	1 830	20	Standard	101001515	166,00
10	40	250	1 830	160	Custom	101001727	166,00
15	20	500	1 250	20	Standard	101001745	155,00
15	30	340	1 250	20	Standard	101001748	155,00
15	50	380	1 250	160	Custom	101001754	155,00

Drip Tapes | T-Tape

T-Tape Drip Tape - 22 mm (7/8")							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
6	20	500	2 250	160	Custom	101001522	180,00
7	20	250	1 972	160	Custom	101046746	170,00
7	20	380	1 972	160	Custom	101046745	170,00
7	20	500	1 972	20	Standard	101014495	170,00
7	30	250	1 972	20	Standard	101014496	170,00
7	30	340	1 972	20	Standard	101014497	170,00
7	40	190	1 972	160	Custom	WT15159	170,00
8	20	250	1 695	160	Custom	101001534	167,00
8	20	380	1 695	160	Custom	101001871	167,00
8	20	500	1 695	20	Standard	101001535	167,00
8	30	250	1 695	20	Standard	101001542	167,00
8	30	340	1 695	20	Standard	101001543	167,00
8	40	190	1 695	160	Custom	101014482	167,00
10	30	250	1 340	160	Custom	101001553	150,00
10	30	340	1 340	20	Standard	101001554	150,00
12	20	500	1 135	160	Custom	101002084	146,00
12	30	340	1 135	160	Custom	101002090	146,00
15	30	340	915	20	Standard	101001815	141,00
15	40	250	915	160	Custom	101001818	141,00

T-Tape Drip Tape - 29 mm							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
8	30	250	1 700	160	Custom	101002124	292,00
8	30	340	1 700	160	Custom	101002125	292,00

Installation and retrieval of T-Tape in record time

Features:

T-Tape^S models present all identical features of the regular T-Tape but are engineered with extra tensile strength

- Available in flow rates and spacing combinations typically used in longer run lengths, for rotating crops
- T-Tape^S models can be identified with a green stripe and with the T-Tape^S designation on the label.

Benefits:

- Save labor and time with a faster installation and retrieval of T-Tape from the field where extraction conditions are more challenging. (heavy soil, subsurface installations...)
- Makes emitter spacing an agronomic decision, not an economic decision. (closely planed crops, permeable/sandy soil,...)
- By keeping emitters spaced at close intervals, water (and nutrients) flows laterally quicker, ensuring a continued and uniform wet strip along the row.
- Slit outlet collapses on system shutdown to help prevent soil ingestion and to reduce root intrusion (ideal product for sub-surface drip irrigation (SDI))
- Advanced engineering and unique features for a outstanding clogging resistance.



Crop Applications:

- Seasonal rotating crops: onions, tomatoes, potatoes, peppers, melons , broccoli, strawberries, leafy greens,...
- Open field Row crops: corn, bean, chickpea, cotton,...
- Used in SDI and multiseasonal applications: sugarcane, asparagus, alfalfa, young tree

How to use ?

- On-surface
- Under opaque plactic mulch (cannot be installed under transparent plastic mulch)
- Sub-surface Drip Irrigation (SDI)

Use with:

Check out the Drip Tape Fittings section for a full list of fittings specifically designed for use with our products.

Drip Tapes | T-Tape^S

Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h/100m)		(cm)
16		6		125		15
22				170		20
				250		30
				340		
				500		



Roll Sizes and Weights		
Models	Meter	Max. Weight (Kg.)
16/06	3 050	29
22/06	2 250	29

Purchasing Information T-Tape ^S 16 / 22 mm		
Container	Rolls per pallet:	16
Pallet Dimension:	1,02 m x 1,02 m x 1,14 m	
Truck	Rolls per pallet:	20
Pallet Dimension:	1,3 m x 1,2 m x 1,17 m	

Container Quantities			
Dia/mil	20'	40'	40' HC
All	320 (420 Loose)	640 (800 Loose)	640 (800 Loose)

Truck Quantities	
Dia/mil	Tautliner
All	800

Drip Tapes | T-Tape^S

Length of Run (m) at 90% Emission Uniformity

Emitter Spacing (cm)	Flow Rate (lph / 100m)	Emission Uniformity Pressure (0,55 bar)	0% Slope (m)
16 mm			
20	500	90%	115
20	125	90%	245
30	340	90%	150
30	250	90%	180
30	170	90%	233
22 mm			
20	250	90%	315
30	340	90%	265
30	250	90%	315

Operating Pressure by Model

Model	Operating Pressure (bar)
506, 706	0,30 - 0,70

Technical Data T-Tape ^S		
Diameter:	16 / 22 mm	
Operating pressure:	0,55 bar	
Pressure (for flow rate calculation):	0,55 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
< 0,65	100	150
0,65 - 1,2	100	150
> 1,2	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Tapes | T-Tape^S

T-Tape ^S Drip Tape - 16 mm (5/8" I.D.)							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
6	15	500	3 050	160	Custom	101049169	205,00
6	20	125	3 050	160	Custom	WT14688	205,00
6	20	500	3 050	160	Custom	101047870	205,00
6	30	170	3 050	160	Custom	WT14691	205,00
6	30	250	3 050	160	Custom	101049143	205,00
6	30	340	3 050	160	Custom	101049142	205,00

T-Tape ^S Drip Tape - 22 mm (7/8" I.D.)							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
6	20	250	2 250	160	Custom	101046259	185,00
6	30	250	2 250	20	Standard	WT15709	185,00
6	30	340	2 250	20	Standard	WT15217	185,00



Rivulis

RESERVE

drip tape

Rivulis Reserve Drip Tape

A premium drip tape designed to better meet the needs of today's grower. Rivulis Reserve Drip Tape was designed from the ground up to create the best experience for the grower, for superior consistency and uniformity. Designed with the needs of the grower in mind, Rivulis Reserve is a premium product that offers the best results in: Uniformity, Precision, Clog Resistance, Robust Construction and Warranty.



Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h/100m)		(cm)
16		6, 8		145, 185, 285, 375, 560		15, 20, 30
22		6		185, 285		15, 20, 30



Rivulis Reserve - Backed by the Best Warranty

We are so confident in the performance of this product that we are backing it with a warranty that is twice the duration of warranties of any drip tapes on the market. The result for you is the confidence in knowing you've made the right choice with Rivulis Reserve.

Roll Sizes and Weights		
Models	Meter	Max. Weight (Kg.)
16/06	3 048	Consult
16/08	2 286	Consult
22/06	2249	Consult

Purchasing Information Reserve		
Container	Rolls per pallet:	16
Pallet Dimension:	1,02 m x 1,02 m x 1,14 m	
Truck	Rolls per pallet:	20
Pallet Dimension:	1,3 m x 1,2 m x 1,17 m	

Container Quantities			
Dia/mil	20'	40'	40' HC
All	320 (420 Loose)	640 (800 Loose)	640 (800 Loose)

Truck Quantities	
Dia/mil	Tautliner
All	800

Length of Run (m) at 90% Emission Uniformity

Emitter Spacing (cm)	Flow Rate (lph / 100m)	Emission Uniformity Pressure (0,55 bar)	0% Slope (m)
16 mm			
20	500	90%	115
20	125	90%	245
30	340	90%	150
30	250	90%	180
30	170	90%	233
22 mm			
20	250	90%	315
30	340	90%	265
30	250	90%	315

Operating Pressure by Model

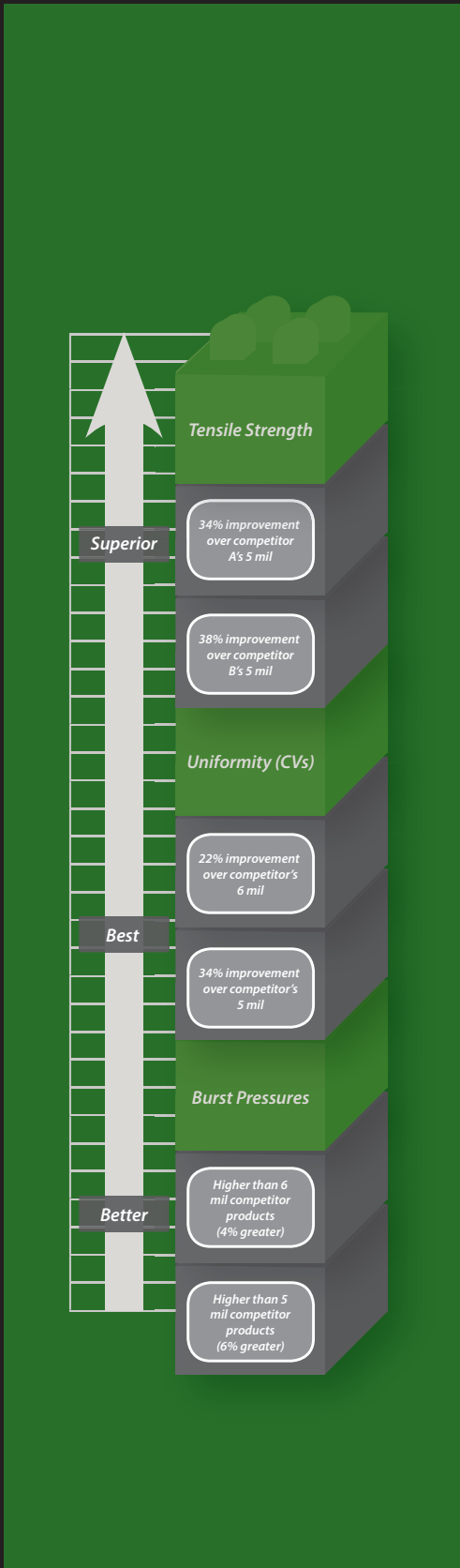
Model	Operating Pressure (bar)
506, 508, 706	0,30 - 0,70

Technical Data Reserve

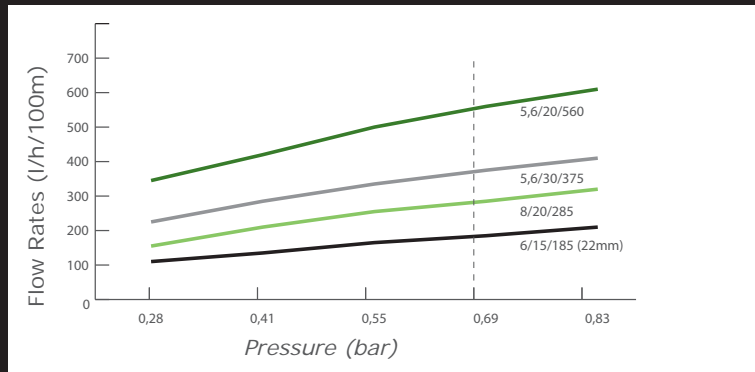
Diameter:	16 mm / 22 mm	
Operating pressure:	0,55 bar	
Pressure (for flow rate calculation):	0,55 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
< 0,65	100	150
0,65 - 1,2	100	150
> 1,2	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Product Advantages

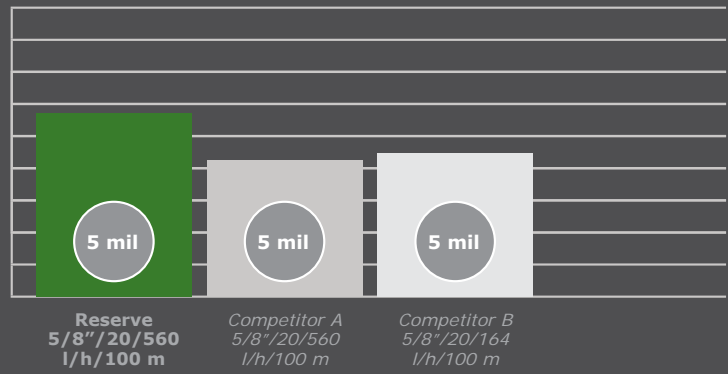


Flow Rates vs. Pressure



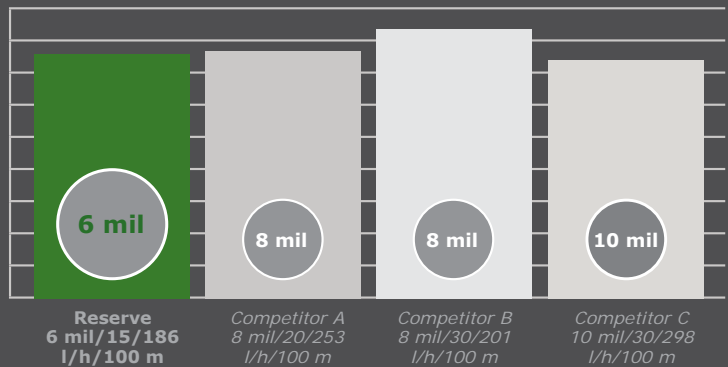
Tape Yield Force Comparison - 5/8" - 16mm, 5 mil

(Measures the force needed to permanently deform the channel.)



Tape Yield Force Comparison - 7/8" - 22mm

(Measures the force needed to permanently deform the channel.)



Reserve Drip Tape - 16 mm (5/8" I.D.)							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
6	15	185	3 048	Consult	Consult	101047576	253,50
6	20	145	3 048	Consult	Consult	101047578	253,50
6	20	285	3 048	Consult	Consult	101047572	253,50
6	20	375	3 048	Consult	Consult	101051398	253,50
6	20	560	3 048	Consult	Consult	101047573	253,50
6	30	185	3 048	Consult	Consult	101047577	253,50
6	30	285	3 048	Consult	Consult	101047574	253,50
6	30	375	3 048	Consult	Consult	101047575	253,50
8	20	285	2 286	Consult	Consult	101047579	221,00
8	20	560	2 286	Consult	Consult	101047580	221,00
8	30	185	2 286	Consult	Consult	101047581	221,00
8	30	285	2 286	Consult	Consult	101047582	221,00
8	30	375	2 286	Consult	Consult	101047583	221,00

Reserve Drip Tape - 22 mm (7/8")							1
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
6	15	185	2 249	Consult	Consult	101047585	234,00
6	20	285	2 249	Consult	Consult	101047584	234,00
6	30	185	2 249	Consult	Consult	101047586	234,00

Rivulis
RESERVE
drip tape

Uncommon Focus

Patented self-cleaning drip tape solutions

Features

- Patented Ro-Drip design employs two independent self-cleaning & anti-plugging systems: a Vortex flow action and an expanding flow channel
- Very long length of drip tape per roll (3810 m per roll of 5mil tape)

Benefits:

- Good plug resistance especially during high contaminant conditions (hard water, iron water, sand)
- Cost effective drip tape solution to ship to long distance destinations
- Available in a ultra thin wall serie (5mil), used where rocks and pests are at a minimum and where cost is an important factor.
- Close emitter (10 or 15cm) spacing especially adapted to permeable (sandy) soil to irrigate closely planed seasonal crops (onions, leafy green, strawberries)



Crop Applications:

- Seasonal vegetable crops: onions, tomatoes, asparagus, potatoes, peppers, melons , broccoli, strawberries, leafy greens,...
- Open field row crops: corn, bean, chickpea, ...

How to use ?

- Especially recommended where high amount of iron and/or calcium is found in irrigation water
- On-surface
- Under plastic mulch

Use with:

Check out the Drip Tape Fittings section for a full list of fittings specifically designed for use with our products

Drip Tapes | Ro-Drip

Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h/100m)		(cm)
16		5		185		10
22		6		250		15
		8		300		20
		10		340		30
				500		40
				750		



Purchasing Information Ro-Drip		
Container	Rolls per pallet:	16
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	
Truck	Rolls per pallet:	16
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	

Roll Sizes and Weights		
Dia/mil	Meter	Max. Weight
16/5	3810	29
16/6	3048	29
16/8	2286	29
16/10	1828	29
22/8	1737	29
22/10	1524	29

Container Quantities			
Dia/mil	20'	40'	40' HC
All	320	608	608

Truck Quantities			
Dia/mil	Tautliner (13,6 x 2,4 m x 2,4 m)		
All	768		

Drip Tapes | Ro-Drip

Ro-Drip - Maximum Lateral Run Length (m)

Emitter Spacing (cm)	Flow Rate (lph / 100m)	Emission Uniformity Pressure (0,55 bar)	0% Slope (m)
16 mm			
10	500	90%	167
10	750	90%	97
20	250	90%	191
20	340	90%	162
20	500	90%	126
30	185	90%	230
30	300	90%	175
22 mm			
30	500	90%	209
30	185	90%	370
30	300	90%	286

*90% Emission Uniformity

Technical Data Ro-Drip		
Diameter:	16 / 22 mm	
Operating pressure:	0,55 bar	
Pressure (for flow rate calculation):	0,55 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
< 0,65	100	150
0,65 - 1,2	100	150
> 1,2	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Tapes | Ro-Drip

Ro-Drip Drip Tape - 16 mm (5/8")							2
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
6	10	750	3 048	160	Custom	101001204	165,00
6	10	1 050	3 048	160	Custom	101001206	165,00
6	20	250	3 048	160	Custom	101001209	165,00
6	20	340	3 048	160	Custom	101001210	165,00
6	20	500	3 048	16	Standard	101001211	165,00
6	30	300	3 048	160	Custom	101001214	165,00
8	10	500	2 286	160	Custom	101001218	154,00
8	10	750	488	63	Custom	101001219	45,00
8	10	750	1 000	160	Custom	101038526	72,00
8	10	750	2 286	16	Standard	101001220	154,00
8	10	1 050	2 286	160	Custom	101001852	154,00
8	20	500	2 286	16	Standard	101001228	154,00
8	30	185	2 286	160	Custom	101001229	154,00
8	20	340	2 286	160	Custom	101001224	154,00
8	30	300	488	63	Custom	101001230	45,00
8	40	250	2 286	160	Custom	101001234	154,00

Ro-Drip Drip Tape - 22 mm (7/8")							2
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(roll)			(EUR/roll)
8	20	500	1 737	16	Standard	101001263	149,00
8	30	185	1 737	160	Custom	101001264	149,00
8	30	300	1 737	16	Standard	101001265	149,00
10	30	300	1 524	160	Custom	101001268	168,00

Drip Tapes | Drip Tape Connectors

All the right features, designed with growers & manufactured for growers

- The smooth wings on the body, the Large ridges on the nuts make them easier to tighten, allowing users to install many fittings with less stress on their hands.
- An advanced sealing interface designed specifically to work with T-Tape (and other seamed drip tapes)
- Easy to install, with a large bright green nut for fast tightening and easy visibility
- A wide range of fittings (tape couplings, take-offs, transition barbs,...) to adapt to any field and irrigation system configurations
- Premium quality UV resistant treated PE plastic

Benefits:

- Reliability of our drip tape fittings gives confidence of a tight seal the grower can depend upon.
- Stressless and harmless manual tightening by users
- Long Durability and reusability
- Costless and timeless delivery: upon request the delivery of your Drip Tape fittings and connectors can be combined with the Rivulis drip tapes (T-Tape, RoDrip,..) and Rivulis layflat (H5100, H5200) as part of the same shipment.



How to use ?






The Drip Tape Fittings range is a full list of fittings specifically designed for use with seamed drip tape (T-Tape, T-Tape^S, Ro-Drip, Reserve Tape,...) and layflat (H5100, H5150,H2000). However those fittings can also seal other seamed drip tape and standard layflat.



- On-surface
- Under plastic mulch
- Sub-surface drip irrigation (SDI)

Use with:

The seamed drip tape such as : T-Tape, T-Tape^S, Ro-Drip, Reserve Tape,.


Drip Tapes | Pro-Grip connectors

PRO-GRIP - Tape x Barb							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape x 250 Barb (6,4 mm)	1 300	1 300	Custom	101001143	0,2550	331,50
	16 mm (5/8") Tape x 400 Barb (10 mm)	1 300	1 300	Standard	101001144	0,2550	331,50
	16 mm (5/8") Tape x 450 Barb (11,5 mm)	1 300	1 300	Standard	101041880	0,2550	331,50
	16 mm (5/8") Tape x 520 Barb (13 mm)	1 100	1 100	Standard	101001145	0,2600	286,00
	16 mm (5/8") Tape x 540 Barb (14 mm)	1 100	1 100	Standard	101041881	0,2600	286,00
	16 mm (5/8") Tape x 700 Barb (18 mm)	1 100	1 100	Custom	101001146	0,2620	288,20
	22 mm (7/8") Tape x 520 Barb (13 mm)	700	700	Custom	101001173	0,5600	392,00
	22 mm (7/8") Tape x 700 Barb (18 mm)	600	600	Standard	101001174	0,5500	330,00

PRO-GRIP - Tape x Thread							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape x 1/2" MPT	1 000	1 000	Custom	101001156	0,2600	260,00
	22 mm (7/8") Tape x 3/4" MPT	500	500	Standard	101001178	0,4950	247,50
	16 mm (5/8") Tape x 3/4" FPT w/ Washer	800	800	Custom	101001152	0,8500	680,00

Drip Tapes | Pro-Grip connectors

PRO-GRIP - Coupling							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Coupling	800	800	Standard	101001157	0,3000	240,00
	22 mm (7/8") Coupling	400	400	Standard	101001180	0,7200	288,00


PRO-GRIP - Tape x Socket							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	22 mm (7/8") x 1/2" Socket	500	500	Custom	101001179	0,4270	213,50


PRO-GRIP - Tape Ends							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	Pro Grip 16 mm (5/8") Tape X Flush valve, 0,07 bar	500	500	Standard	101001153	1,6550	827,50
	Pro Grip 16 mm (5/8") Tape x 3/4" End Cap	100	100	Custom	101001148	0,8150	81,50

PRO-GRIP - Grommets							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	Pro-Grip Take Off Grommet, 15 mm, T Style 5/8"	500	7 000	Standard	101001104	0,1500	1050,00
	Take Off Grommet, 15 mm, H Style 5/8"	1 000	1 000	Custom	101001102	0,1010	101,00
	Take Off Grommet, 17 mm, T Style 11/16"	250	5 000	Standard	101001105	0,1500	750,00
	Take Off Grommet, 19 mm, T Style	2 500	2 500	Custom	101001106	0,2200	550,00


Drip Tapes | Pro-Grip connectors

PRO-GRIP - Testing Fittings							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape Coupling Test	100	100	Custom	101001147	6,8000	680,00
	16 mm (5/8") Tape End Test	1 000	1 000	Custom	101001149	7,8500	7 850,00
	22 mm (7/8") Tape End Test	100	100	Custom	101001176	7,0000	700,00
	22 mm (7/8") Tape Coupling Test	100	100	Custom	101001175	7,0000	700,00

PRO-GRIP - Tees							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape Coupling x 520 Barb (13 mm)	500	500	Custom	101001158	0,9600	480,00
	16 mm (5/8") Tape Coupling x 3/4" MPT	400	400	Custom	101001160	1,0500	420,00
	16 mm (5/8") Tape Coupling Tee	400	400	Custom	101001162	1,1000	440,00
	16 mm (5/8") Tape Coupling x 1/2" Socket	400	400	Custom	101001161	1,0400	416,00

PRO-GRIP - Tape x Layflat							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape x Layflat	800	800	Standard	101001154	0,7100	568,00



Drip Tapes | Pro-Grip connectors

PRO-GRIP - Valved Fittings							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape x 400 Barb (10 mm) w/ Valve	600	600	Custom	101008189	0,8050	483,00
	16 mm (5/8") Tape x 500 Barb (12,5 mm) w/ Valve	600	600	Standard	101001847	0,8700	522,00
	16 mm (5/8") Tape x 425 Barb (10,6 mm) w/ Valve	500	500	Standard	101001846	0,9750	487,50
	16 mm (5/8") Tape x 520 (13 mm) Barb w/ Valve	500	500	Custom	101001848	0,8150	407,50
	16 mm (5/8") Tape x 3/4" MPT w/ Valve	400	400	Standard	101001850	0,8360	334,40
	16 mm (5/8") Tape x 5/8" Tape w/ Valve	400	400	Custom	101001851	0,9500	380,00
	520 (13 mm) Barb x 520 Barb w/ Valve	800	400	Custom	101001094	0,6890	275,60

PRO-GRIP - Barbed Fittings							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	400 (10 mm) Transfer Barb	5 000	5 000	Custon	101001083	0,1150	575,00
	425 (10,6 mm) Barb x 520 (13 mm) Barb	1 000	1 000	Custom	101001090	0,1150	115,00
	425 (10,6 mm) Barb x 520 (13 mm) Barb with Grommet	2 000	2 000	Standard	101001091	0,2590	518,00
	520 (13 mm) Transfer Barb	2 000	2 000	Custom	101001092	0,1150	230,00
	520 (13 mm) Tee with Barbs	1 000	1 000	Custom	101001093	0,2590	259,00

Drip Tapes | T-Tape connectors

T-Tape Fittings - Tape x Barb							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x 16 mm Barb	700	700	Standard	101000834	0,1840	128,80
	16 mm Tape x 22 mm Barb	600	600	Custom	101000838	0,2030	121,80
	22 mm Tape x 16 mm Barb	500	500	Custom	101000857	0,4110	205,50
	22 mm Tape x 20 mm Barb	450	450	Custom	101000860	0,3100	139,50

T-Tape Fittings - Tape x Thread							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x 3/4" MPT	500	500	Standard	101000830	0,2210	110,50
	22 mm Tape x 3/4" MPT	400	400	Custom	101000854	0,3260	130,40

T-Tape Fittings - Coupling							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Coupling	500	500	Standard	101000842	0,2180	109,00
	22 mm (7/8") Coupling	350	350	Standard	101000865	0,4310	150,85

Drip Tapes | T-Tape connectors

T-Tape Fittings - Tape Ends							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape End Plug	900	900	Standard	101000844	0,2360	212,40






T-Tape Fittings - Grommets							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	Tape 500 Grommet, 16mm	500	500	Custom	101000818	0,1210	60,50

T-Tape Fittings - Tees							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape coupling Tee	200	200	Custom	101000845	0,5110	102,20
	16 mm Tape coupling x 3/4" MPT	250	250	Custom	101000832	0,5610	140,25
	22 mm Tape coupling Tee	150	150	Custom	101000868	1,0350	155,25
	22 mm Tape coupling x 3/4" MPT	200	200	Custom	101000856	1,0150	203,00







T-Tape Fittings - Elbows							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x 16 mm Barb	600	600	Custom	101000836	0,3730	223,80
	16 mm Tape x 20 mm Barb	500	500	Custom	101000840	0,4080	204,00
	16 mm Tape x 16 mm Tape	400	400	Custom	101000843	0,4110	164,40

Drip Tapes | T-Tape connectors

T-Tape Fittings - Valved Fittings							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x 16 mm Barb x Valve	350	350	Custom	101000835	0,4970	173,95
	16 mm Tape x 20 mm Barb x Valve	300	300	Custom	101000839	0,5610	168,30
	16 mm Tape x 3/4" MPT x Valve	300	300	Custom	101000831	0,4860	145,80
	16 mm Tape x 3/4" FPT x Valve	200	200	Custom	101000812	0,8110	162,20
	22 mm Tape x 16 mm Barb x Valve	Consult	1	Custom	101000858	Consult	Consult
	22 mm Tape x 20 mm Barb x Valve	250	250	Custom	101000861	0,7750	193,75
	22 mm Tape x 3/4" MPT x Valve	200	200	Custom	101000855	0,5110	102,20

T-Tape Fittings - Tape x Layflat							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x Layflat Double	400	400	Standard	101000824	0,4740	189,60
	16 mm Tape x Layflat Single	400	400	Custom	101000825	0,3360	134,40
	22 mm Tape x Layflat Single	300	300	Standard	101000851	0,5360	160,80
	Layflat Mixer 3/4 Female (Drill Hole Ø 14 mm)	500	500	Custom	101000813	0,6610	330,50
	16 mm Tape x Layflat x Valve	200	200	Standard	101000826	0,7610	152,20

Drip Tapes | T-Tape connectors

T-Tape Fittings - Insert Tape to PE or PVC (Manifold)							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x Insert PVC (drill 12 mm)	700	700	Custom	101000816	0,1910	133,70
	16 mm Tape x Insert PE (drill 9 mm) or PVC (drill 15 mm) with Grommet	500	500	Standard	101000821	0,3860	193,00
	16 mm Tape x Insert barb PE (Drill 9 mm) or PVC (drill 15 mm)	600	600	Standard	101000820	0,2810	168,60
	22 mm Tape x Insert PE (drill 9 mm) or PVC (drill 15 mm) with Grommet	400	400	Custom	101000850	0,6300	252,00
	16 mm Tape x Insert PVC (drill 12 mm) x Valve	350	350	Custom	101000814	0,5110	178,85
	16 mm Tape x Insert PE (drill 9 mm) or PVC (drill 15 mm) with Grommet X valve	300	300	Standard	101000815	0,6110	183,30

Thin Wall Drip Lines

Thin Wall Drip Lines



Thin Wall Drip Lines | Guide

Quick Reference Guide

	D900	D1000	D1500	Hydrodrip
Dripper Type	Molded	Molded	Molded	Molded
Turbulent Flow	✓	✓	✓	✓
Outlet	Hole	Slit "Activeflex"	Hole	Hole
Flow Rates (lph)	0,6 / 1 / 1,4 / 2,2	0,6 / 1 / 1,5	0,8 / 1,3 / 1,6 / 2,6 / 3,8	0,8 / 1,2 / 1,6 / 2,3
Drip Tape Diameter (mm)	16, 22	16, 22	16, 22	16, 22
Drip Tape Wall Thickness	6-8 mil	6-8 mil	6-8-10 mil	10-25 mil
Spacing (cm)	15, 20, 30, 40	15, 20, 25, 30, 40	20, 30, 40	20, 25, 30, 33, 40, 50, 60, 75, 1000

Thin Wall Drip Lines | D900

Maximize your farm profit with longer run-lengths

Features

- The thin wall drip line that can work for longer run lengths than others
- D900's design minimizes friction loss through its small design, and its uniquely engineered flow path that minimizes exponent.

Benefits

- Cost effective thin wall drip line
- Achieve longer-run lengths with a smaller diameter tube
- Save on installation costs
- Irrigate longer rows for more efficient farming operations
- Longer rows, fewer tractor turns
- Greater uniformity of irrigation over longer run lengths
- More consistent crop yields



Crop applications

- Vegetable crops (tomatoes, carrots, broccoli, peppers, corn, strawberries, melons).
- Open field crop (Corn, Soyabean, Cotton,...)

How to use

- On-surface
- Under opaque plastic mulch (cannot be installed under transparent plastic mulch)

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Thin Wall Drip Lines | D900

Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		6		0,6		15
22		8		1,0		20
				1,4		25
				2,2		30
						40



D900 Drip Line - Shipping Information			
Type	Quantity per Container / Truck		
	16 mm / 6 mil (reels)	16 mm / 8 mil (reels)	22 mm / 8 mil (reels)
Container 20 FT (5,9*2,35*2,39)	320 coils (20 pallets * 16 coils per pallet)	320 coils (20 pallets * 16 coils per pallet)	320 coils (20 pallets * 16 coils per pallet)
Container 40 FT HC (12*2,35*2,70)	800 coils (40 pallets * 20 coils per pallet)	800 coils (40 pallets * 20 coils per pallet)	800 coils (40 pallets * 20 coils per pallet)
Truck (13,6*2,40*2,70)	880 coils (44 pallets * 20 coils per pallet)	880 coils (44 pallets * 20 coils per pallet)	880 coils (44 pallets * 20 coils per pallet)

Purchasing Information D900		
Container 20 FT	Rolls per pallet:	16
Container 40 FT HC	Rolls per pallet:	20
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	
Truck	Rolls per pallet:	20
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	

Nominal Ø	Wall Thickness	Spacing	Roll Length (according to emitter spacing)
(mm)	(Mil)		(m)
16	6	15 cm	2700
		20 cm	2800
		25 cm	2900
		> 30 cm	3000
	8	15 cm	2600
		20 cm	2700
		25 cm	2800
22	8	> 30 cm	2900
		15 cm	1900
		20 cm	2000
		25 cm	2100
		> 30 cm	2100

Thin Wall Drip Lines | D900

D900 - Maximum Recommended Drip Line Length (m) on Flat Terrain

Nominal Ø	Wall Thickness		Internal Ø	Nominal Flow Rate at 1,0 bar Pressure	Maximum Operating Pressure	Spacing between Emitters (cm)				
						15	20	25	30	40
(mm)	(mil)	(mm)	(mm)	(l/h)	(bar)	(m)	(m)	(m)	(m)	(m)
16	6	0,150	16,1	0,6	1,0	126	154	179	202	244
				1,0		95	115	134	151	183
				1,4		77	94	109	122	148
				2,2		59	71	82	92	112
	8	0,200		0,6	1,2	128	156	181	205	248
				1,0		99	120	140	158	191
				1,4		78	94	110	123	149
				2,2		59	72	83	94	113
22	8	0,200	22,2	0,6	1,0	219	267	312	353	428
				1,0		166	202	236	266	323
				1,4		133	161	187	211	255
				2,2		101	122	142	160	193

D900 Drip Line - Technical Data			
Diameter:		16mm - 22mm	
Operating pressure:		1 bar	
Pressure (for flow rate calculation):		1 bar	
Filtration requirements: (Based on l/h/dripper)			
l/h	Micron	Mesh	
0,6	100	150	
1,0	100	150	
1,4	130	120	
2,2	130	120	

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Thin Wall Drip Lines | D900

D900			Price in € per Roll					3
			Spacing (cm)					
Dia	Wall Thickness (mil)	Roll Length (m)	15	20	25	30	40	
16	6	2700-3000 (depending on spacing)	168,00	154,00	147,50	143,50	141,00	
	8	2600-2900 (depending on spacing)	174,50	169,00	172,00	173,00	171,00	
22	8	2000-2100 (depending on spacing)	Consult	155,00	Consult	160,00	157,50	

D900 Drip Line - 16 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
6	15	0,6	2700	20	Custom	Consult	168,00
6	20	0,6	2800	20	Custom	Consult	154,00
6	25	0,6	2900	20	Custom	Consult	147,50
6	30	0,6	3000	20	Custom	Consult	143,50
6	40	0,6	3000	20	Custom	Consult	141,00
6	15	1,0	2700	20	Custom	Consult	168,00
6	20	1,0	2800	20	Standard	Consult	154,00
6	25	1,0	2900	20	Custom	Consult	147,50
6	30	1,0	3000	20	Custom	Consult	143,50
6	40	1,0	3000	20	Custom	Consult	141,00
6	15	1,4	2700	20	Custom	Consult	168,00
6	20	1,4	2800	20	Custom	Consult	154,00
6	25	1,4	2900	20	Custom	Consult	147,50
6	30	1,4	3000	20	Custom	Consult	143,50
6	40	1,4	3000	20	Custom	Consult	141,00

Thin Wall Drip Lines | D900

D900 Drip Line - 16 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
8	15	0,6	2600	20	Custom	Consult	174,50
8	20	0,6	2700	20	Custom	Consult	169,00
8	25	0,6	2800	20	Custom	Consult	172,00
8	30	0,6	2900	20	Custom	Consult	173,00
8	40	0,6	2900	20	Custom	Consult	171,00
8	15	1,0	2600	20	Custom	Consult	174,50
8	20	1,0	2700	20	Standard	Consult	169,00
8	25	1,0	2800	20	Custom	Consult	172,00
8	30	1,0	2900	20	Standard	Consult	173,00
8	40	1,0	2900	20	Custom	Consult	171,00
8	15	1,4	2600	20	Custom	Consult	174,50
8	20	1,4	2700	20	Custom	Consult	169,00
8	25	1,4	2800	20	Custom	Consult	172,00
8	30	1,4	2900	20	Custom	Consult	173,00
8	40	1,4	2900	20	Custom	Consult	171,00

D900 Drip Line - 22 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
8	20	0,6	2000	20	Custom	Consult	155,00
8	30	0,6	2100	20	Custom	Consult	160,00
8	40	0,6	2100	20	Custom	Consult	157,50
8	20	1,0	2000	20	Standard	Consult	155,00
8	30	1,0	2100	20	Standard	Consult	160,00
8	40	1,0	2100	20	Standard	Consult	157,50
8	20	1,4	2000	20	Custom	Consult	155,00
8	30	1,4	2100	20	Custom	Consult	160,00
8	40	1,4	2100	20	Custom	Consult	157,50

Thin Wall Drip Lines | D1000



The most advanced thin wall drip line

Features

- ActiveFlex™ : patented technology : With just the right amount of flexibility, the compact, molded dripper ideally integrates with the slit outlet, creating an optimal open-close outlet mechanism.
- Slit outlet limit soil ingestion, ideal for subsurface applications
- Green coloured strip and flexible molded flat dripper ease mechanical or manual layout

Benefits

- Consistency & accuracy of irrigation and fertigation
- Superior clog resistance
- Durability & minimal bursting



Crop applications

- Vegetable crops (tomatoes, carrots, broccoli, peppers, corn, strawberries, melons).
- Open field crop (Corn, Soyabean, Cotton,...)
- Sugar cane

How to use

- On-surface
- Under opaque plastic mulch (cannot be installed under transparent plastic mulch)
- Sub surface (5–10 cm)

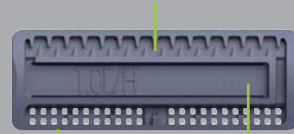
Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Thin Wall Drip Lines | D1000

Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		6		0,6		15
22		8		1,0		20
				1,5		25
						30
						40

*Large Cross Section
Labyrinth*



*Large Surface
Inlet Filter in Optimal
Square Layout*

Outlet Pool

Roll Sizes and Weights		
Dia/mil	Meter	Max. Weight
16/6	3 000	28 kg
18/8	2 500	- 30cm 30 kg - 20 cm 31 kg
22/8	1 800	29 kg

D1000 Drip Line - Shipping Information						
Type	Quantity per Container / Truck (13,5 m x 2,65 m)					
	16 mm / 6 mil*		16 mm / 8 mil		22 mm / 8 mil	
	(reels)	(m)	(reels)	(m)	(reels)	(m)
20	334	1 002 000	334	835 000	334	601 200
40	704	2 112 000	704	1 760 000	704	1 267 200
40 HC	792	2 376 000	792	1 980 000	792	1 425 600
Truck	792	2 376 000	792	1 980 000	792	1 425 600

Purchasing Information D1000		
Container	Rolls per pallet:	
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	16
Truck	Rolls per pallet:	
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	16

Thin Wall Drip Lines | D1000

D1000 Drip Line Maximum Recommended Drip Line Length (m) on Flat Terrain

Product	Maximum Drip Line Length - Max Flow Rate Difference: 10%					
	Spacing between Drippers (cm)					
	15	20	25	30	40	50
(mm/ mil/ l/h)	(m)					
16/6/1,0	89	108	126	142	172	199
16/6/1,5	68	84	98	111	134	155
16/8/1,0	91	111	130	147	178	207
16/8/1,5	71	86	100	113	138	159
22/8/1,0	158	190	220	248	298	345
22/8/1,5	121	147	170	191	230	266
Product	Maximum Drip - Line Length - EU 90%					
	Spacing between Drippers (cm)					
	15	20	25	30	40	50
(mm/ mil/ l/h)	(m)					
16/6/1,0	121	147	171	193	234	271
16/6/1,5	93	114	132	149	181	210
16/8/1,0	122	149	173	196	237	275
16/8/1,5	94	115	134	151	183	212
22/8/1,0	212	256	296	333	401	463
22/8/1,5	163	197	228	257	309	357

Technical Data D1000		
Diameter:	16 / 22 mm	
Operating pressure:	1 bar	
Pressure (for flow rate calculation):	1 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
0,6	100	150
1,0	100	150
1,5	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Thin Wall Drip Lines | D1000

D1000			Price in € per Roll					3
			Spacing (cm)					
Dia	Wall Thickness (mil)	Roll Length (m)	15	20	25	30	40	
16	6	3000	211,50	187,00	172,50	162,50	159,50	
	8	2500	190,00	177,00	174,00	169,00	167,00	
22	8	1800	168,00	158,00	156,00	155,00	153,00	

D1000 Drip Line - 16 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
6	15	0,6	3 000	64	Custom	Consult	211,50
6	20	0,6	3 000	64	Custom	Consult	187,00
6	25	0,6	3 000	64	Custom	Consult	172,50
6	30	0,6	3 000	64	Custom	Consult	162,50
6	40	0,6	3 000	64	Custom	Consult	159,50
6	15	1,0	3 000	64	Custom	101048415	211,50
6	20	1,0	3 000	64	Custom	101048416	187,00
6	25	1,0	3 000	64	Custom	101048417	172,50
6	30	1,0	3 000	64	Custom	101048418	162,50
6	40	1,0	3 000	64	Custom	101048419	159,50
6	20	1,5	3 000	64	Custom	101048420	187,00
6	25	1,5	3 000	64	Custom	101048421	172,50
6	30	1,5	3 000	64	Custom	101048422	162,50
6	40	1,5	3 000	64	Custom	101048423	159,50

Thin Wall Drip Lines | D1000

D1000 Drip Line - 16 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
8	15	0,6	2 500	64	Custom	Consult	190,00
8	20	0,6	2 500	64	Custom	Consult	177,00
8	25	0,6	2 500	64	Custom	Consult	174,00
8	30	0,6	2 500	64	Custom	Consult	169,00
8	40	0,6	2 500	64	Custom	Consult	167,00
8	15	1,0	2 500	64	Custom	101048424	190,00
8	20	1,0	2 500	64	Custom	WT13719	177,00
8	25	1,0	2 500	64	Custom	101048425	174,00
8	30	1,0	2 500	64	Standard	WT13720	169,00
8	40	1,0	2 500	64	Custom	101048426	167,00
8	20	1,5	2 500	64	Custom	101046262	177,00
8	25	1,5	2 500	64	Custom	101048427	174,00
8	30	1,5	2 500	64	Standard	101046279	169,00
8	40	1,5	2 500	64	Custom	101048428	167,00

D1000 Drip Line - 22 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(meter)			(EUR/roll)
8	20	1,0	1 800	96	Custom	101046263	158,00
8	30	1,0	1 800	96	Standard	101046264	155,00
8	40	1,0	1 800	96	Custom	101048431	153,00
8	50	1,0	1 800	96	Custom	101051858	152,00
8	20	1,5	1 800	96	Custom	101048432	158,00
8	25	1,5	1 800	96	Custom	101048433	156,00
8	30	1,5	1 800	96	Standard	101047673	155,00
8	40	1,5	1 800	96	Custom	101048434	153,00

Thin Wall Drip Lines | D1500

Trusted irrigation with results

Features

- One of the largest inlet filters for flat drip emitters on the market
- One of the largest labyrinth cross sections on the market so the particles can pass easily and not clog the emitter.
- Available in 6 , 8, 10 mil thickness

Benefits

- Outstanding protection against clogging
- 10 mil thickness models designed and recommended on-surface applications for heavy soils or where more resistance to abrasion (stones, crop residues) and insect damage is desired.
- Offer higher flow rates (2,4 and 3,8 lph) than other thin wall drip lines - suitable for crops demanding more water or to perform short irrigation cycle
- Ideal for short / medium and long term crops depending on wall thickness chosen
- Improved resistance to bursting



Crop applications

- Vegetable crops (tomatoes, carrots, broccoli, peppers, corn, strawberries, melons).
- Open field crop (Corn, Soyabean, Cotton, Sugar Beet...)
- Sugar cane

How to use

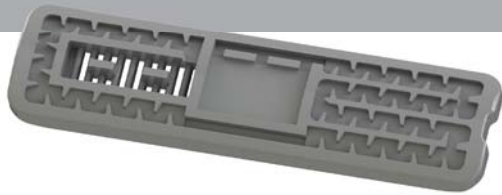
- On-surface
- Under opaque plastic mulch (cannot be installed under transparent plastic mulch)

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Thin Wall Drip Lines | D1500

Diameter	+	Wall Thickness	+	Flow Rate	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		6		0,8		20
22		8		1,3		25
		10		1,6		30
				2,6		40
				3,8		



D1500 Drip Line - Shipping Information					
Type	Quantity per Container / Truck (13,5 m x 2,65 m)				
	16 mm / 6 mil* (reels)	16 mm / 8 mil (reels)	16 mm / 10 mil (reels)	22 mm / 8 mil (reels)	22 mm / 10 mil (reels)
20	320 coils (20 pallets * 16 coils per pallet)	320 coils (20 pallets * 16 coils per pallet)	320 coils (20 pallets * 16 coils per pallet)	320 coils (20 pallets * 16 coils per pallet)	320 coils (20 pallets * 16 coils per pallet)
40 HC	800 coils (40 pallets * 20 coils per pallet)	800 coils (40 pallets * 20 coils per pallet)	800 coils (40 pallets * 20 coils per pallet)	800 coils (40 pallets * 20 coils per pallet)	800 coils (40 pallets * 20 coils per pallet)
Truck	880 coils (44 pallets * 20 coils per pallet)	880 coils (44 pallets * 20 coils per pallet)	880 coils (44 pallets * 20 coils per pallet)	880 coils (44 pallets * 20 coils per pallet)	880 coils (44 pallets * 20 coils per pallet)

Purchasing Information D1500		
Container	Rolls per pallet:	
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	20
Truck	Rolls per pallet:	
Pallet Dimension:	1,10 m x 1,10 m x 1,14 m	20

Technical Data D1500	
Diameter:	16 / 22 mm
Operating pressure:	1 bar
Pressure (for flow rate calculation):	1 bar

Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
0,8	130	120
1,2	130	120
1,6	130	120
2,6	130	120
3,8	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Thin Wall Drip Lines | D1500

D1500 - Maximum Recommended Drip Line Length (m) on Flat Terrain

Nominal Ø	Wall Thickness		Internal Ø	Nominal Flow Rate at 1,0 bar pressure	Maximum Operating Pressure	Spacing between emitters			
	(mm)	(mil)				(mm)	(mm)	20	25
16	6	0,150	16,1	0,8	1,0	122	143	162	198
				1,2		91	108	122	149
				1,5		79	93	106	129
				2,4		60	71	80	98
				3,6		44	52	59	72
	8	0,200		0,8	1,2	124	146	166	203
				1,2		94	110	125	153
				1,5		79	93	106	129
				2,4		62	73	83	101
				3,6		44	52	59	72
	10	0,250		0,8	1,4	125	147	167	204
				1,2		94	110	125	153
				1,5		79	93	106	129
				2,4		62	73	83	102
				3,6		44	52	59	72
22	8	0,200	22,2	0,8	1,0	211	249	284	349
				1,2		158	187	213	261
				1,5		139	164	187	230
				2,4		105	123	140	172
				3,6		74	87	100	122
	10	0,250		0,8	1,3	212	251	286	352
				1,2		158	186	212	261
				1,5		139	164	187	230
				2,4		105	124	141	173
				3,6		74	88	100	123

Nominal Ø	Wall Thickness	Spacing	Roll Length (according to emitter spacing)
(mm)	(Mil)	(cm)	(m)
16	6	15	2300
		20	2400
		25	2500
		> 30 cm	2600
	8	15	2200
		20	2300
		25	2400
		> 30 cm	2500
	10	15	1800
		20	2000
		25	2100
		> 30 cm	2300

Nominal Ø	Wall Thickness	Spacing	Roll Length (according to emitter spacing)
(mm)	(Mil)	(cm)	(m)
22	8	15	1500
		20	1600
		25	1700
		> 30 cm	1800
	10	15	1300
		20	1400
		25	1500
		> 30 cm	1600

Thin Wall Drip Lines | D1500

D1500			Price in € per Roll				3
			Spacing (cm)				
Dia	Wall Thickness (mil)	Roll Length (m)	20	25	30	40	
16	6	2400-2600 (depending on spacing)	140,50	135,00	132,50	130,00	
	8	2300-2500 (depending on spacing)	153,00	157,00	159,00	157,00	
	10	2000-2300 (depending on spacing)	Consult	Consult	Consult	Consult	
22	8	1600-1800 (depending on spacing)	132,00	Consult	145,50	144,00	
	10	1400-1600 (depending on spacing)	Consult	Consult	Consult	Consult	

D1500 Drip Line - 16 mm - 6 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
6	20	0,8	2 400	20	Custom	Consult	140,50
6	25	0,8	2 500	20	Custom	Consult	135,00
6	30	0,8	2 600	20	Custom	Consult	132,50
6	40	0,8	2 600	20	Custom	Consult	130,00
6	20	1,3	2 400	20	Custom	Consult	140,50
6	25	1,3	2 500	20	Custom	Consult	135,00
6	30	1,3	2 600	20	Custom	Consult	132,50
6	40	1,3	2 600	20	Custom	Consult	130,00
6	20	1,6	2 400	20	Custom	Consult	140,50
6	25	1,6	2 500	20	Custom	Consult	135,00
6	30	1,6	2 600	20	Custom	Consult	132,50
6	40	1,6	2 600	20	Custom	Consult	130,00
6	20	2,6	2 400	20	Standard	Consult	140,50
6	25	2,6	2 500	20	Custom	Consult	135,00
6	30	2,6	2 600	20	Custom	Consult	132,50
6	40	2,6	2 600	20	Custom	Consult	130,00
6	20	3,8	2 400	20	Custom	Consult	140,50
6	25	3,8	2 500	20	Custom	Consult	135,00
6	30	3,8	2 600	20	Custom	Consult	132,50
6	40	3,8	2 600	20	Custom	Consult	130,00

Thin Wall Drip Lines | D1500

D1500 Drip Line - 16 mm - 8 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
8	20	0,8	2 300	20	Custom	Consult	153,00
8	25	0,8	2 400	20	Custom	Consult	157,00
8	30	0,8	2 500	20	Custom	Consult	159,00
8	40	0,8	2 500	20	Custom	Consult	157,00
8	20	1,3	2 300	20	Standard	Consult	153,00
8	25	1,3	2 400	20	Custom	Consult	157,00
8	30	1,3	2 500	20	Standard	Consult	159,00
8	40	1,3	2 500	20	Custom	Consult	157,00
8	20	1,6	2 300	20	Custom	Consult	153,00
8	25	1,6	2 400	20	Custom	Consult	157,00
8	30	1,6	2 500	20	Standard	Consult	159,00
8	40	1,6	2 500	20	Custom	Consult	157,00
8	20	2,6	2 300	20	Standard	Consult	153,00
8	25	2,6	2 400	20	Custom	Consult	157,00
8	30	2,6	2 500	20	Custom	Consult	159,00
8	40	2,6	2 500	20	Custom	Consult	157,00
8	20	3,8	2 300	20	Custom	Consult	153,00
8	25	3,8	2 400	20	Custom	Consult	157,00
8	30	3,8	2 500	20	Custom	Consult	159,00
8	40	3,8	2 500	20	Custom	Consult	157,00

Thin Wall Drip Lines | D1500

D1500 Drip Line - 16 mm - 10 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
10	20	0,8	2 000	20	Custom	Consult	Consult
10	25	0,8	2 100	20	Custom	Consult	Consult
10	30	0,8	2 300	20	Custom	Consult	Consult
10	40	0,8	2 300	20	Custom	Consult	Consult
10	20	1,3	2 000	20	Custom	Consult	Consult
10	25	1,3	2 100	20	Custom	Consult	Consult
10	30	1,3	2 300	20	Custom	Consult	Consult
10	40	1,3	2 300	20	Custom	Consult	Consult
10	20	1,6	2 000	20	Custom	Consult	Consult
10	25	1,6	2 100	20	Custom	Consult	Consult
10	30	1,6	2 300	20	Standard	Consult	Consult
10	40	1,6	2 300	20	Custom	Consult	Consult
10	20	2,6	2 000	20	Custom	Consult	Consult
10	25	2,6	2 100	20	Custom	Consult	Consult
10	30	2,6	2 300	20	Custom	Consult	Consult
10	40	2,6	2 300	20	Custom	Consult	Consult
10	20	3,8	2 000	20	Custom	Consult	Consult
10	25	3,8	2 100	20	Custom	Consult	Consult
10	30	3,8	2 300	20	Custom	Consult	Consult
10	40	3,8	2 300	20	Custom	Consult	Consult

Thin Wall Drip Lines | D1500

D1500 Drip Line - 22 mm							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h/100m)	(m)	(m)			(EUR/roll)
8	20	0,8	2 300	20	Custom	Consult	Consult
8	30	0,8	1 800	20	Standard	Consult	145,50
8	40	0,8	1 800	20	Custom	Consult	144,00
8	20	1,3	1 600	20	Custom	Consult	132,00
8	30	1,3	1 800	20	Standard	Consult	145,50
8	40	1,3	1 800	20	Standard	Consult	144,00
8	20	1,6	1 600	20	Custom	Consult	132,00
8	30	1,6	1 800	20	Standard	Consult	145,50
8	40	1,6	1 800	20	Standard	Consult	144,00
8	20	2,6	1 600	20	Custom	Consult	132,00
8	30	2,6	1 800	20	Custom	Consult	145,50
8	40	2,6	1 800	20	Custom	Consult	144,00
8	20	3,8	1 600	20	Custom	Consult	132,00
8	30	3,8	1 800	20	Custom	Consult	145,50
8	40	3,8	1 800	20	Custom	Consult	144,00
10	20	0,8	1 400	20	Custom	Consult	Consult
10	30	0,8	1 600	20	Custom	Consult	Consult
10	40	0,8	1 600	20	Custom	Consult	Consult
10	20	1,3	1 400	20	Custom	Consult	Consult
10	30	1,3	1 600	20	Custom	Consult	Consult
10	40	1,3	1 600	20	Custom	Consult	Consult
10	20	1,6	1 400	20	Custom	Consult	Consult
10	30	1,6	1 600	20	Custom	Consult	Consult
10	40	1,6	1 600	20	Custom	Consult	Consult
10	20	2,6	1 400	20	Custom	Consult	Consult
10	30	2,6	1 600	20	Custom	Consult	Consult
10	40	2,6	1 600	20	Custom	Consult	Consult
10	20	3,8	1 400	20	Custom	Consult	Consult
10	30	3,8	1 600	20	Custom	Consult	Consult
10	40	3,8	1 600	20	Custom	Consult	Consult

Thin Wall Drip Lines | Hydrodrip

Thin wall drip line with a molded flat emitter

Features

- Efficient, turbulent flow path
- Hole or flap outlet
-

Benefits

- Economical solution : Available in a 2lph dripper flow rate version from 10 to 25mil in compact roll (700 up to 2200m per roll depending on desired thickness)
- Good choices for manual or mechanized layout and retrieval
- 10 mil & 12mil thickness models designed and recommended on-surface thin wall applications for heavy soils or where more resistance to abrasion (stones, crop residues) and insect /bird damage is desired.
- Where it is to be moved and removed for multiple seasons.



Crop applications

- Vegetable crops
- Annual Row crops (Corn, Soyabean, Cotton,...)
- Sugar cane & Sugar Beet
- Orchard (Young tree)

How to use

- Flat terrain
- On-surface
- Under opaque plastic mulch (cannot be installed under transparent plastic mulch)

Use with

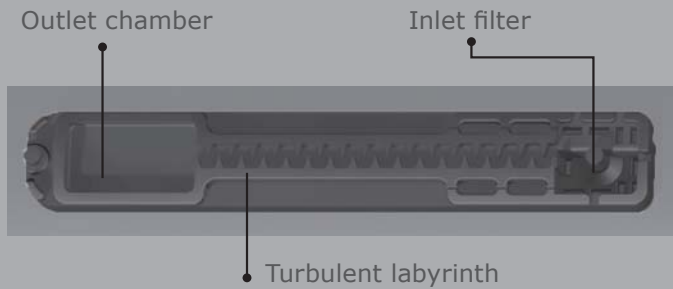
Check out the Drip line Fittings section for a full list of fittings specifically designed for use with our products.

Thin Wall Drip Lines | Hydrodrip

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		10		0,8		20
22		12		1,2		30
		15		1,6		40
		18 *		2,1		50
		25				60
						75
						100

*16 mm only

** @ 1,0 bar



Roll Information			
Dia/mil	(m)	(kg)	Package
16/10	2 200	29	1
16/12	1 600	28	1
16/15	1 300	25	1
16/18	1 500	32	2
16/25	800	25	2
22/10	1 500	27	1
22/12	1 200	28	1
22/15	1 000	25	1
22/25	700	31	2

Purchasing Information Hydrodrip 16 mm & 22mm	
Rolls Per Pallet:	
16/10, 22/10, 22/15	16
16/12, 16/15, 16/18, 16/25, 22/25	20

Hydrodrip 22/10 with Spacing closer than 20cm – the roll length will be 1300m (shorter by 200m).

Container Quantities					
Diameter/wall	Tautliner (13,7 m)	20'	40'	40' HC	Package
16/10,16/12 16/15, 22/10, 22/12, 22/15, 22/18	792 rolls	334 rolls	704 rolls	792 rolls	1
16/18, 16/25, 22/25	636 rolls	240 rolls	496 rolls	576 rolls	2

Thin Wall Drip Lines | Hydrodrip

Hydrodrip – Maximum Drip Line Run (m) on Flat Terrain – Flow Variation: EU 90%

Flow Rate (lph)	Diameter/ Wall Thickness (mm/mil)	Inside Diameter (mm)	Spacing Between Emitters (cm)				
			20	30	33	40	50
0,8	16/10-16/15	16,4	168	225	241	275	321
	16/18	15,2	154	207	221	252	294
	22/10 - 22/18	22,2	135	181	193	221	258
1,2	16/10-16/15	16,4	135	181	193	221	258
	16/18	15,2	123	164	176	201	234
	16/25	15,2	117	156	167	191	223
	22/10	22,2	238	316	338	385	448
	22/15	22,2	240	319	341	389	452
1,65	16/10-16/15	16,4	113	151	162	185	216
	16/18	15,2	99	132	142	162	189
	16/25	15,2	98	132	141	161	188
	22/10	22,2	199	265	283	322	375
	22/15	22,2	201	268	286	326	379
2,1	16/10-16/15	16,4	84	112	120	137	160
	16/18	15,2	84	112	120	137	160
	16/25	15,2	83	111	119	136	158
	22/10	22,2	153	208	223	256	300
	22/15	22,2	166	221	237	270	314

Technical Data Hydrodrip		
Diameter:	16 / 22 mm	
Operating pressure:	1,0 bar	
Pressure (for flow rate calculation):	1,0 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
< 0,65	100	150
0,65 - 1,2	100	150
> 1,2	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Thin Wall Drip Lines | Hydrodrip

Hydrodrip			Price in € per Roll									3
			Spacing (cm)									
Dia	Wall Thickness (mil)	Roll Length (m)	20	25	30	33	40	50	60	75	100	
16	10	2 200	218,00	210,00	193,00	192,00	188,00	185,00	Consult			
	12	1 600	174,00	168,00	156,00		151,00	149,00	147,00			
	15	1 300	161,00	157,00	147,00		144,00	142,00	141,00			
	18	1 500	183,00	Consult	167,00	166,00	Consult	Consult	Consult	Consult	159,00	158,00
	25	800	131,00	129,00	120,00	Consult	Consult	Consult	Consult	Consult	Consult	Consult
22	10	1 500	187,00	183,00	156,00		152,00	150,00				
	12	1 200	164,00	162,00	140,00	139,00	138,00	136,00				
	15	1 000	139,00	137,00	135,00		132,00	131,00	130,00			
	18	900	147,00	146,00	144,00	143,00	142,00	141,00	140,00	Consult	Consult	
	25	700	Consult		Consult		Consult	Consult				

Hydrodrip Thin Wall Drip Line - 16 mm (5/8") - 10 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
10	20	0,80	2 200	96	Custom	WT14309	218,00
10	20	1,20	2 200	96	Custom	101022508	218,00
10	25	1,20	2 200	96	Custom	101024567	210,00
10	30	1,20	2 200	96	Custom	101022510	193,00
10	40	1,20	2 200	96	Custom	101024568	188,00
10	50	1,20	2 200	96	Custom	101024569	185,00
10	20	1,60	2 200	96	Custom	101022509	218,00
10	30	1,60	2 200	96	Custom	101022511	193,00
10	40	1,60	2 200	96	Custom	101024571	188,00
10	30	2,10	2 200	96	Custom	101024610	193,00
10	40	2,10	2 200	64	Standard	101045333	188,00

Thin Wall Drip Lines | Hydrodrip

Hydrodrip Thin Wall Drip Line - 16 mm (5/8") - 12 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
12	20	1,60	1 600	160	Custom	101024578	174,00
12	25	1,60	1 600	160	Custom	101024579	168,00
12	30	1,60	1 600	160	Custom	101024622	156,00
12	40	1,60	1 600	96	Standard	101024581	151,00
12	50	1,60	1 600	160	Custom	101024582	149,00
12	20	2,10	1 600	160	Custom	101042160	174,00
12	30	2,10	1 600	160	Custom	101024623	156,00

Hydrodrip Thin Wall Drip Line - 16 mm (5/8") - 15 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
15	20	1,20	1 300	160	Custom	101022512	161,00
15	30	1,20	1 300	160	Custom	101022513	147,00
15	40	1,20	1 300	160	Custom	101024584	144,00
15	20	1,60	1 300	160	Custom	101022516	161,00
15	30	1,60	1 300	160	Custom	101022514	147,00
15	50	1,60	1 300	160	Custom	101024588	142,00
15	20	2,10	1 300	160	Custom	101024611	161,00

Thin Wall Drip Lines | Hydrodrip

Hydrodrip Thin Wall Drip Line - 16 mm (5/8") - 18 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
18	20	1,20	1 500	120	Custom	101002314	183,00
18	30	1,20	1 500	120	Custom	101002312	167,00
18	20	1,65	1 500	120	Custom	101002315	183,00
18	30	1,65	1 500	120	Custom	101002316	167,00
18	50	1,65	1 500	120	Custom	101002324	162,00
18	20	2,10	1 500	120	Custom	101002338	183,00
18	30	2,10	1 500	120	Custom	101022517	167,00
18	75	2,10	1 500	120	Custom	101024453	159,00

Hydrodrip Thin Wall Drip Line - 16 mm (5/8") - 25 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
25	20	1,30	800	240	Custom	101022484	131,00
25	30	1,30	800	240	Custom	101022485	120,00
25	30	1,70	800	240	Custom	101022487	120,00
25	50	1,70	800	240	Custom	101024409	117,00
25	60	1,70	800	240	Custom	101002325	116,00
25	30	2,20	800	240	Custom	101022489	120,00
25	60	2,20	800	240	Custom	101024459	116,00

Thin Wall Drip Lines | Hydrodrip

Hydrodrip Thin Wall Drip Line - 22 mm (7/8") - 10 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
10	30	1,20	1 500	128	Custom	101022492	156,00
10	20	1,60	1 500	128	Custom	101022491	187,00
10	30	1,60	1 500	128	Custom	101022493	156,00
10	40	1,60	1 500	128	Custom	101024592	152,00
10	50	1,60	1 500	128	Custom	101024593	150,00
10	20	2,10	1 500	128	Custom	101024613	187,00
10	30	2,10	1 500	96	Standard	101024614	156,00
10	40	2,10	1 500	128	Custom	101045334	152,00

Hydrodrip Thin Wall Drip Line - 22 mm (7/8") - 12 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
12	30	1,60	1 200	160	Standard	101024601	140,00

Hydrodrip Thin Wall Drip Line - 22 mm (7/8") - 15 Mil							3
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
(mil)	(cm)	(l/h)	(m)	(roll)			(EUR/roll)
15	20	1,20	1 000	192	Custom	101022495	139,00
15	30	1,20	1 000	192	Custom	101022497	135,00
15	40	1,20	1 000	192	Custom	101024605	132,00

Drip Lines

Drip Lines



Drip Lines | Guide

Drip Line Quick Reference Guide

	D2000	Hydrogol	Hydro-PC	Hydro-PCND	D5000 PC	D5000 AS
Dripper Type	Flat	Cylindrical	Cylindrical	Cylindrical	Flat	Flat
Flow Regulating			✓	✓	✓	✓
No Drain/Slow Drain				✓ (ND)		✓ (AS)
Flow Rates (lph)	1,0, 2,0, 4,0	1,0, 1,2, 1,6, 2,0, 4,0, 8,0	1,2, 1,6, 2,2, 3,6	1,35, 1,6, 1,75, 2,35, 3,6, 3,75	0,65, 1,0, 1,5, 2,0, 3,5	1,0, 1,5, 2,0
Drip Line Diameter (mm)	16, 20	12, 16, 20	12, 16, 17, 20	12, 16, 17, 20	16, 17, 20, 22, 23	16, 17, 20
Drip Line Wall Thickness (mil)	30, 35, 40	35, 40, 45	35, 40, 45, 47		From 15 to 47 mil	

PC, PCND, AS...Please Explain !

PC

Stands for: Pressure Compensating

Also known as: Flow regulation

What does it do: Within a relatively large pressure range, ensures the same flow per dripper regardless of what the pressure is at that point of the tube. So the dripper at lower elevation will emit the same amount of water as the dripper at the highest point

Where to use: Undulating ground and long-run lengths

PCND

Stands for: Pressure Compensating & No-Drain

Also known as: CNL

What does it do: In addition to pressure compensating, the dripper seals when pressure falls below a specified limit to stop water draining out of the tube at shut-off

Where to use: Pulse irrigation, sub-surface and highly undulating ground

AS (Anti-siphon)

What does it do: This dripper limits suck-back at shut-off to help prevent particle ingestion back into the dripper

Where to use: Pulse irrigation, sub-surface and where there is high risk of particle ingestion at system shut-off

Reliable and efficient performance

Features

- Innovative hydraulic flat dripper design: low hydraulic coefficient of variation (CV) and exponent (x)
- Flat dripper with a Large surface inlet filter & Large cross sectional labyrinth
- Compact packages (up to 50% more meters per roll than traditional cylindrical dripper)
- Manufactured from superior materials

Benefits

- Outstanding clogging resistance for all flow rates
- Compact reel reduce transportation and winter storage cost (vs non PC cylindrical dripper)
- Suitable for varying water conditions and longer product life
- Easy to install, use and maintain
- Uniform application of water and nutrients
- Most of the product configurations also available in a ECO (economical) version



Crop Applications

- Multi-seasonal permanent horticulture applications
- Where it is to be moved and removed for multiple crop or multiple seasons.
- Orchards, olives, nuts, hazelnuts, almonds, Stone fruit (peach, apricot, plum,...)
- Vineyards

How to use

- On-surface
- Non PC field conditions (flat terrain and short/medium run length)
- Hanging/suspended

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Drip Lines | D2000

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		30		1,0		20
20		35		2,0		25
		40		4,0		30
						33
						40
						50
						60
						75
						100



Roll Size			
Dia/mil	(m)	(kg)	Package
16/30	600	21,7	2
16/35	500	21,3	2
16/40	400	19,2	2
20/40	450		3

Purchasing Information D2000

D2000 is a made to order product. Contact Customer Service for production lead times.

Container Quantities (rolls)					
Diameter/wall	Tautliner (13,7 m)	20'	40'	40' HC	Package
16/30, 16/35, 16/40	636 rolls	240 (20 pallets x 3 levels)	496 (40 pallets x 3 levels) +16 rolls)	576 (20 pallets x 4 levels)+ 20 pallets x 3 levels +16 rolls)	2
20/40	548 rolls	240 rolls	480 rolls	480 rolls	3

Drip Lines | D2000

D2000 – Maximum Recommended Drip Line Length (m) on Flat Terrain

Product (mm/mil/ lph)	Max Flow Rate Difference: 7.5% Spacing Between Drippers (cm)							Max Flow Rate Difference: 10% Spacing Between Drippers (cm)						
	20	30	40	50	60	75	100	20	30	40	50	60	75	100
16/35/1	69	92	112	130	147	170	206	79	105	128	150	169	196	236
16/35/2	45	60	74	86	97	112	135	52	69	84	98	111	128	155
16/35/4	29	38	47	55	62	72	87	33	44	54	63	71	83	100
16/40/1	70	94	114	133	150	174	210	81	106	131	152	172	200	242
16/40/2	46	61	74	87	98	113	137	52	70	85	100	112	131	157
16/40/4	29	39	48	56	62	73	88	33	45	54	64	72	83	101

Technical Data D2000	
Operating pressure:	1,0 bar
Pressure (for flow rate calculation):	1,0 bar
Filtration requirements: (Based on l/h/dripper)	
l/h	Micron
≤ 1,20	100
>1,20	130

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Lines | D2000

D2000			Price in € per meter								7
			Spacing (cm)								
Dia	Wall Thickness (mil)	Roll Length (m)	20	25	30	33	40	50	60	75	100
16	30	600	0,2450	0,2350	0,2300	0,2275	0,2200	0,2175	0,2150	0,2125	0,2100
	35	500	0,2750	0,2700	0,2650	0,2625	0,2550	0,2525	0,2500	0,2475	0,2450
	40	400	0,3100	0,3000	0,2950		0,2875	0,2850	0,2800	0,2775	0,2750


D2000 Drip Line - 16 mm / 30 mil									7
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price €
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	30	1,0	30	600	33 600	Custom	WT15350	0,2300
16	Black ●	30	2,0	20	600	33 600	Custom	WT13215	0,2450
16	Black ●	30	2,0	40	600	33 600	Custom	101046052	0,2200
16	Black ●	30	4,0	20	600	33 600	Custom	101048563	0,2450
16	Black ●	30	4,0	25	600	33 600	Custom	101048221	0,2350
16	Black ●	30	4,0	30	600	33 600	Custom	WT13221	0,2300
16	Black ●	30	4,0	33	600	33 600	Custom	WT13222	0,2275
16	Black ●	30	4,0	40	600	33 600	Custom	WT13223	0,2200
16	Black ●	30	4,0	50	600	33 600	Custom	WT13224	0,2175
16	Black ●	30	4,0	75	600	33 600	Custom	WT13226	0,2125

Drip Lines | D2000

D2000 Drip Line - 16 mm / 35 mil									7
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price €
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	35	1,0	20	500	28 000	Custom	WT15319	0,2750
16	Black ●	35	1,0	25	500	28 000	Custom	101047697	0,2700
16	Black ●	35	1,0	30	500	28 000	Custom	WT15320	0,2650
16	Black ●	35	1,0	50	500	28 000	Custom	101047698	0,2525
16	Black ●	35	1,0	60	500	28 000	Custom	101047699	0,2500
16	Black ●	35	1,0	100	500	28 000	Custom	WT14946	0,2450
16	Black ●	35	2,0	20	500	28 000	Custom	WT10276	0,2750
16	Black ●	35	2,0	25	500	28 000	Custom	WT10277	0,2700
16	Black ●	35	2,0	30	500	28 000	Custom	WT10278	0,2650
16	Black ●	35	2,0	33	500	28 000	Custom	WT10279	0,2625
16	Black ●	35	2,0	40	500	28 000	Custom	WT10280	0,2550
16	Black ●	35	2,0	50	500	28 000	Custom	WT10281	0,2525
16	Black ●	35	2,0	60	500	28 000	Custom	WT10282	0,2500
16	Black ●	35	2,0	75	500	28 000	Custom	WT10283	0,2475
16	Black ●	35	2,0	100	500	28 000	Custom	WT10284	0,2450
16	Black ●	35	4,0	20	500	28 000	Custom	WT14808	0,2750
16	Black ●	35	4,0	25	500	28 000	Custom	WT14945	0,2700
16	Black ●	35	4,0	30	500	28 000	Custom	WT10285	0,2650
16	Black ●	35	4,0	33	500	28 000	Custom	WT13844	0,2625
16	Black ●	35	4,0	40	500	28 000	Custom	WT10286	0,2550
16	Black ●	35	4,0	50	500	28 000	Custom	WT10287	0,2525
16	Black ●	35	4,0	60	500	28 000	Custom	WT15285	0,2500

D2000 Drip Line - 16 mm / 40 mil									7
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	2,0	30	400	22 400	Custom	WT10291	0,2950
16	Black ●	40	2,0	40	400	22 400	Custom	101047679	0,2875
16	Black ●	40	4,0	100	400	22 400	Custom	WT10298	0,2750

Drip Lines | D2000 Eco

D2000 			Price in € per meter							7
			Spacing (cm)							
Dia	Wall Thickness (mil)	Roll Length (m)	20	25	30	33	40	50	75	100
16	30	600	0,2350	0,2250	0,2150	0,2140	0,2100	0,2050	0,2025	0,2000
	35	500	0,2650	0,2550	0,2500	0,2475	0,2450	0,2400	0,2375	0,2350
	40	400	0,2825	0,2825	0,2825		0,2725	0,2675	0,2675	0,2675

D2000 Eco Drip Line - 16 mm / 30 mil										7
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Black ●	30	2,0	30	600	33 600	Custom	101048681	0,2150	
16	Eco Black ●	30	4,0	20	600	33 600	Custom	101048683	0,2350	
16	Eco Black ●	30	4,0	25	600	33 600	Custom	101048684	0,2250	
16	Eco Black ●	30	4,0	30	600	33 600	Custom	101048685	0,2150	
16	Eco Black ●	30	4,0	40	600	16 800	Standard	101048687	0,2100	
16	Eco Black ●	30	4,0	75	600	33 600	Custom	101048689	0,2000	

Drip Lines | D2000 Eco

D2000 Eco Drip Line - 16 mm / 35 and 40 mil									Eco	7
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Black ●	35	1,0	20	500	28 000	Custom	101048690	0,2650	
16	Eco Black ●	35	1,0	30	500	28 000	Custom	101048691	0,2500	
16	Eco Black ●	35	2,0	25	500	28 000	Custom	101048692	0,2550	
16	Eco Black ●	35	2,0	30	500	28 000	Custom	101048693	0,2500	
16	Eco Black ●	35	2,0	33	500	28 000	Custom	101048694	0,2475	
16	Eco Black ●	35	2,0	40	500	14 000	Standard	101048695	0,2450	
16	Eco Black ●	35	2,0	50	500	28 000	Custom	101048696	0,2400	
16	Eco Black ●	35	2,0	75	500	28 000	Custom	101048697	0,2350	
16	Eco Black ●	35	2,0	100	500	28 000	Custom	101048698	0,2300	
16	Eco Black ●	35	4,0	20	500	28 000	Custom	101048699	0,2650	
16	Eco Black ●	35	4,0	25	500	28 000	Custom	101048700	0,2550	
16	Eco Black ●	35	4,0	30	500	28 000	Custom	101048701	0,2500	
16	Eco Black ●	35	4,0	33	500	28 000	Custom	101048702	0,2475	
16	Eco Black ●	35	4,0	40	500	14 000	Standard	101048703	0,2450	
16	Eco Black ●	35	4,0	50	500	28 000	Custom	101048704	0,2400	
16	Eco Black ●	35	4,0	75	500	28 000	Custom	101048705	0,2350	
16	Eco Black ●	35	4,0	100	500	28 000	Custom	101048706	0,2300	
16	Eco Black ●	40	2,0	40	400	22 400	Custom	101048707	0,2725	
16	Eco Black ●	40	4,0	40	400	22 400	Custom	101048708	0,2725	

Drip Lines | Hydrogol

Multi-season integral cylindrical drip line with two-orifice outlets

Features:

- Cylindrical dripper with large cross-sectional labyrinth to provide a turbulent water flow which minimizes the formation of residues that may cause clogging.
- Two outlets and two inlet filters
- Spacings between drippers from 15 cm and up
- Heavy wall thickness (up to 45) for straight and robust long lasting hanging waterline structure
- UV proof premium quality polyethylene
- Available in brown, white, and purple.

Benefits:

- Reliable long life performance for multi-seasonal applications on non-PC field conditions
- Easy and long lasting hanging installation on the orchard and vinyard rows
- Available in a high flow rate (up to 8lph) to provide more water when needed
- High resistance to clogging



Crop applications

- Multiseasonal / permanent horticulture applications
- Orchards, olives, nuts, hazelnuts, almonds, Stone fruit (peach, apricot, plum,...) , Hard fruit(apple, peer, mango), Citrus (lemon, orange, grapfruit)
- Berry (blueberry, raspeberry,...)
- Vineyards

How to use

- Non PC field conditions (flat terrain and short/medium run length)
- On-surface
- Hanging/suspended

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

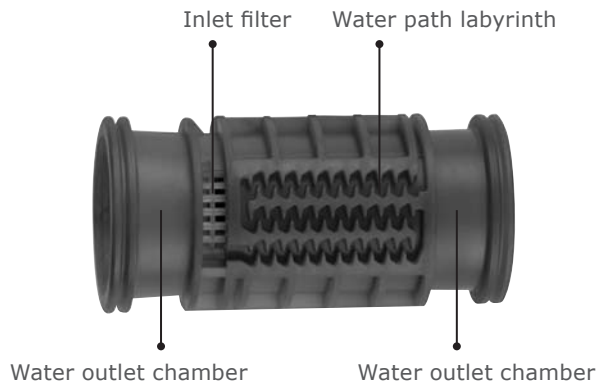
Drip Lines | Hydrogol

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
12		35		1,0-2,0		15
16		40		1,0 - 1,6 - 2,0 - 4,0 - 8,0		20
20		45		1,2 - 2,0 - 4,0		30
						33
						40
						50
						60
						75
						90
						100

* @ 1,0 bar

Note: Available in brown, white, and purple.

Roll Size		
Dia/mil	(m)	(kg)
12 mm	600	21
16 mm	400	22
20 mm	300	22



Container Quantities (Rolls)				
Diameter/wall	Tautliner (13,7 m)	20'	40'	40' HC
12 mm	500	190	380	440
16 mm	480	180	360	400
20 mm	360	130	270	300

Purchasing Information Hydrogol
 Hydrogol is a made to order product. Contact Customer Service for production lead times.

Drip Lines | Hydrogol

Hydrogol Drip Line – Maximum Lateral Run

Nominal Diameter	ID	Wall Thickness	Flow Rate*	Spacing Between Drippers (cm)				
				20	30	50	75	100
(mm)	(mm)	(mil)	(lph)	(m)				
12	10,4	35	1,0	58	80	119	161	196
			2,0	33	47	70	94	115
16	13,8	35	1,6	65	90	132	176	215
			2,0	56	77	114	152	186
			4,0	37	52	76	102	125
		40	1,0	95	131	192	257	313
			1,6	70	96	142	189	231
			2,0	59	82	120	161	196
20	17,6	40	1,2	134	184	267	354	430
			2,0	88	121	176	233	284
			4,0	61	84	123	163	199
		45	1,2	137	187	272	361	439
			2,0	92	125	183	242	295
			4,0	62	84	123	164	199

For length of run technical data, see the Hydrogol Drip line Performance Specifications sheet.

* At 1.0 bar pressure

** Pressure at drip line inlet: 1,2 bar

Technical Data Hydrogol		
Operating pressure:	1,0 bar	
Pressure (for flow rate calculation):	1,0 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1,20	130	120
>1,20	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Lines | Hydrogol

Hydrogol			Price in € per meter							4
			Spacing (cm)							
Dia	Wall Thickness (mil)	Roll Length (m)	20	30	33	40	50	60	75	100
12	35	600	0,2975	0,2500	0,2400	0,2325	0,2275	0,2200	0,2150	0,2075
	40	600	0,3150	0,2700	0,2600	0,2500	0,2425	0,2375		
16	35	400	0,3500	0,3050	0,3000	0,2900	0,2800	0,2700	0,2625	0,2550
	40	400	0,3750	0,3300	0,3250	0,3125	0,3050	0,2950	0,2875	0,2800
	45	400	0,4000	0,3550	0,3500	0,3400	0,3325	0,3200	0,3125	0,3075
20	40	300		0,4500	0,4350	0,4200	0,4000	0,3900	0,3700	0,3600
	45	300	0,5300	0,4800	0,4700	0,4550	0,4400	0,4200	0,4100	0,3950

Drip Lines | Hydrogol

Hydrogol Drip Line - 12 mm - 35 and 40 Mil									4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
12	Black ●	35	1,0	15	600	10 200	Custom	101002381	0,3250
12	Black ●	35	1,0	20	600	10 200	Custom	101002345	0,2975
12	Black ●	35	1,0	25	600	10 200	Custom	101012667	0,2800
12	Black ●	35	1,0	30	600	10 200	Custom	101002346	0,2500
12	Black ●	35	1,0	33	600	10 200	Custom	101012708	0,2400
12	Black ●	35	1,0	100	600	10 200	Custom	101002425	0,2075
12	Black ●	35	2,0	20	600	10 200	Custom	101002427	0,2975
12	Black ●	35	2,0	25	600	10 200	Custom	101012668	0,2800
12	Black ●	35	2,0	30	600	10 200	Custom	101002349	0,2500
12	Black ●	35	2,0	33	600	10 200	Custom	101012709	0,2400
12	Black ●	35	2,0	40	600	10 200	Custom	101002350	0,2325
12	Black ●	35	2,0	50	600	10 200	Custom	101002351	0,2275
12	Black ●	35	2,0	60	600	10 200	Custom	101002382	0,2200
12	Black ●	40	1,0	20	600	10 200	Custom	101024716	0,3150
12	Black ●	40	2,0	33	600	10 200	Custom	101012687	0,2600

Note: Available in brown, white, purple, and green.

Drip Lines | Hydrogol

Hydrogol Drip Line - 16 mm / 35 mil									4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	35	1,0	20	400	10 000	Custom	101008314	0,3500
16	Black ●	35	1,0	30	400	10 000	Custom	101002355	0,3050
16	Black ●	35	1,0	50	400	10 000	Custom	101008316	0,2800
16	Black ●	35	1,0	60	400	10 000	Custom	101008317	0,2700
16	Black ●	35	1,0	100	400	10 000	Custom	101008406	0,2550
16	Black ●	35	1,6	20	400	10 000	Custom	101024785	0,3500
16	Black ●	35	1,6	30	400	10 000	Custom	101008318	0,3050
16	Black ●	35	1,6	33	400	10 000	Custom	101008319	0,3000
16	Black ●	35	1,6	40	400	10 000	Custom	101008320	0,2900
16	Black ●	35	1,6	60	400	10 000	Custom	101008371	0,2700
16	Black ●	35	2,0	30	400	10 000	Custom	101008321	0,3050
16	Black ●	35	2,0	33	400	10 000	Custom	101008357	0,3000
16	Black ●	35	2,0	50	400	10 000	Custom	101008358	0,2800
16	Black ●	35	2,0	60	400	10 000	Custom	101002358	0,2700
16	Black ●	35	2,0	100	400	10 000	Custom	101008353	0,2550
16	Black ●	35	4,0	40	400	10 000	Custom	101008354	0,2900
16	Black ●	35	4,0	100	400	10 000	Custom	101008324	0,2550

Note: Available in brown, white, and purple.

Drip Lines | Hydrogol

Hydrogol Drip Line - 16 mm / 40 mil									4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	1,0	33	400	10 000	Custom	101008413	0,3250
16	Black ●	40	1,0	40	400	10 000	Custom	101002359	0,3125
16	Black ●	40	1,0	50	400	10 000	Custom	101002360	0,3050
16	Black ●	40	1,0	60	400	10 000	Custom	101002361	0,2950
16	Black ●	40	1,0	75	400	10 000	Custom	101002446	0,2875
16	Black ●	40	1,0	100	400	10 000	Standard	101002411	0,2800
16	Black ●	40	1,6	20	400	10 000	Custom	101024633	0,3750
16	Black ●	40	1,6	30	400	10 000	Custom	101002362	0,3300
16	Black ●	40	1,6	33	400	10 000	Custom	101008414	0,3250
16	Black ●	40	1,6	50	400	10 000	Custom	101002388	0,3050
16	Black ●	40	2,0	20	400	10 000	Custom	101002364	0,3750
16	Black ●	40	2,0	25	400	10 000	Custom	101008327	0,3650
16	Black ●	40	2,0	33	400	10 000	Custom	101008328	0,3250
16	Black ●	40	2,0	40	400	10 000	Custom	101002366	0,3125
16	Black ●	40	2,0	50	400	10 000	Standard	101002367	0,3050
16	Black ●	40	2,0	60	400	10 000	Standard	101002368	0,2950
16	Black ●	40	2,0	100	400	10 000	Custom	101002371	0,2800
16	Black ●	40	2,0	30	100	9 600	Custom	101012860	0,3475
16	Black ●	40	2,0	33	100	9 600	Custom	101012863	0,3500
16	Black ●	40	4,0	25	400	10 000	Custom	101002385	0,3650
16	Black ●	40	4,0	30	400	10 000	Custom	101002372	0,3300
16	Black ●	40	4,0	60	400	10 000	Custom	101002375	0,2950
16	Black ●	40	4,0	75	400	10 000	Custom	101008299	0,2875
16	Black ●	40	4,0	30	100	9 600	Custom	101012775	0,3475
16	Black ●	40	4,0	33	100	9 600	Custom	101023204	0,3500
16	Black ●	40	4,0	50	100	9 600	Custom	101023205	0,3150

Note: Available in brown, white, and purple.

More references are available, please contact your Sales Representative or Customer Service Representative for availability and price. Price Book 2018 (All prices are subject to change without notice)

Drip Lines | Hydrogol

Hydrogol Drip Line - 16 mm / 45 mil									4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	45	1,6	20	400	10 000	Custom	101024642	0,4000
16	Black ●	45	2,0	15	400	10 000	Custom	101024688	0,4400
16	Black ●	45	2,0	20	400	10 000	Custom	101023025	0,4000
16	Black ●	45	2,0	25	400	10 000	Custom	101023195	0,3850
16	Black ●	45	2,0	30	400	10 000	Custom	101024645	0,3550
16	Black ●	45	2,0	33	400	10 000	Custom	101008334	0,3500
16	Black ●	45	2,0	50	400	10 000	Custom	101008336	0,3325
16	Black ●	45	2,0	150	400	10 000	Custom	101008430	0,2975
16	Black ●	45	2,0	33	100	9 600	Standard	101024680	0,3700
16	Black ●	45	2,0	33	50	30 000	Custom	101024681	0,5300
16	Black ●	45	2,0	33	25	30 000	Custom	101024682	0,6300
16	Black ●	45	4,0	30	400	10 000	Custom	101008364	0,3550
16	Black ●	45	4,0	33	400	10 000	Custom	101024711	0,3500
16	Black ●	45	4,0	33	100	9 600	Custom	101012781	0,3700
16	Black ●	45	4,0	50	100	9 600	Custom	101042581	0,3500

Note: Available in brown, white, and purple.

Drip Lines | Hydrogol

Hydrogol Drip Line - 20 mm / 40 mil									4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	40	1,2	40	300	10 200	Standard	101002437	0,4200
20	Black ●	40	2,0	30	300	10 200	Custom	101002440	0,4500
20	Black ●	40	2,0	50	300	10 200	Standard	101002394	0,4000
20	Black ●	40	2,0	60	300	10 200	Custom	101002378	0,3900
20	Black ●	40	4,0	50	300	10 200	Custom	101002386	0,4000

Hydrogol Drip Line - 20 mm / 45 mil									4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	45	1,2	33	300	10 200	Custom	101008433	0,4700
20	Black ●	45	1,2	100	300	10 200	Custom	101008381	0,3950
20	Black ●	45	2,0	20	300	10 200	Custom	101024656	0,5300
20	Black ●	45	2,0	33	300	10 200	Custom	101008341	0,4700
20	Black ●	45	2,0	40	300	10 200	Custom	101008345	0,4550
20	Black ●	45	2,0	50	300	10 200	Custom	101008342	0,4400
20	Black ●	45	2,0	60	300	10 200	Custom	101008395	0,4200
20	Black ●	45	2,0	75	300	10 200	Custom	101008346	0,4100
20	Black ●	45	2,0	100	300	10 200	Custom	101008379	0,3950
20	Black ●	45	4,0	60	300	10 200	Custom	101008387	0,4200
20	Black ●	45	4,0	75	300	10 200	Custom	101008398	0,4100
20	Black ●	45	4,0	100	300	10 200	Custom	101008344	0,3950

Note: Available in brown, white, and purple.

Drip Lines | Hydrogol Eco

Eco			Price in € per meter							4
Hydrogol			Spacing (cm)							
Dia	Wall Thickness (mil)	Roll Length (m)	30	33	40	50	60	75	100	125
16	35	400	0,3025	0,2975	0,2800	0,2725	0,2675	0,2600	0,2500	
	40	400	0,3225	0,3150	0,3050	0,2950	0,2875	0,2750	0,2700	0,2650
	45	400	0,3300	0,3250	0,3200	0,3150	0,3050	0,3000	0,2950	0,2850
20	40	300	0,4400	0,4250	0,4075	0,3875	0,3750	0,3625	0,3500	0,3425
	45	300	0,4620	0,4600	0,4400	0,4200	0,4050	0,3950	0,3800	0,3650

Hydrogol Eco Drip Line - 16 mm / 35 mil									Eco	4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Black ●	35	1,6	33	400	10 000	Custom	101008745	0,2975	
16	Eco Black ●	35	1,6	100	400	10 000	Custom	101008750	0,2500	
16	Eco Black ●	35	2,0	33	400	10 000	Custom	101008753	0,2975	
16	Eco Black ●	35	2,0	40	400	10 000	Standard	101008754	0,2800	
16	Eco Black ●	35	4,0	25	400	10 000	Standard	101024705	0,3250	
16	Eco Black ●	35	4,0	30	400	10 000	Custom	101008760	0,3025	
16	Eco Black ●	35	4,0	33	400	10 000	Custom	101008761	0,2975	
16	Eco Black ●	35	4,0	40	400	10 000	Standard	101008762	0,2800	
16	Eco Black ●	35	4,0	50	400	10 000	Custom	101008763	0,2725	
16	Eco Black ●	35	4,0	60	400	10 000	Custom	101008764	0,2675	
16	Eco Black ●	35	4,0	75	400	10 000	Standard	101008765	0,2600	
16	Eco Black ●	35	4,0	100	400	10 000	Custom	101008766	0,2500	

Note: Available in brown, white, and purple.

Drip Lines | Hydrogol Eco

Hydrogol Eco Drip Line - 16 mm / 40 mil									Eco	4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Black ●	40	1,0	33	400	10 000	Custom	101047961	0,3150	
16	Eco Black ●	40	1,0	40	400	10 000	Custom	101023015	0,3050	
16	Eco Black ●	40	1,0	100	400	10 000	Standard	101008889	0,2700	
16	Eco Black ●	40	1,6	30	400	10 000	Custom	101008768	0,3225	
16	Eco Black ●	40	1,6	33	400	10 000	Custom	101008769	0,3150	
16	Eco Black ●	40	1,6	40	400	10 000	Custom	101008770	0,3050	
16	Eco Black ●	40	1,6	50	400	10 000	Custom	101008771	0,2950	
16	Eco Black ●	40	1,6	60	400	10 000	Custom	101008772	0,2875	
16	Eco Black ●	40	1,6	75	400	10 000	Custom	101008773	0,2750	
16	Eco Black ●	40	2,0	20	400	10 000	Custom	101008947	0,3500	
16	Eco Black ●	40	2,0	25	400	10 000	Custom	101042276	0,3400	
16	Eco Black ●	40	2,0	30	400	10 000	Custom	101008776	0,3225	
16	Eco Black ●	40	2,0	33	400	10 000	Standard	101008777	0,3150	
16	Eco Black ●	40	2,0	40	400	10 000	Standard	101008778	0,3050	
16	Eco Black ●	40	2,0	50	400	10 000	Standard	101008779	0,2950	
16	Eco Black ●	40	2,0	60	400	10 000	Custom	101008780	0,2875	
16	Eco Black ●	40	2,0	75	400	10 000	Standard	101008781	0,2750	
16	Eco Black ●	40	2,0	100	400	10 000	Standard	101008782	0,2700	
16	Eco Black ●	40	2,0	125	400	10 000	Custom	101008783	0,2650	

Note: Available in brown, white, and purple.

Drip Lines | Hydrogol Eco

Hydrogol Eco Drip Line - 16 mm / 40 mil									Eco	4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Black ●	40	2,0	25	100	9 600	Custom	101042277	0,3500	
16	Eco Black ●	40	2,0	30	100	9 600	Custom	101012882	0,3400	
16	Eco Black ●	40	2,0	33	100	9 600	Custom	101012854	0,3300	
16	Eco Black ●	40	2,0	40	100	9 600	Custom	101012859	0,3250	
16	Eco Black ●	40	2,0	50	100	9 600	Custom	101038111	0,3200	
16	Eco Black ●	40	4,0	25	400	10 000	Custom	WT15531	0,3400	
16	Eco Black ●	40	4,0	30	400	10 000	Standard	101008784	0,3225	
16	Eco Black ●	40	4,0	33	400	10 000	Custom	101008785	0,3150	
16	Eco Black ●	40	4,0	40	400	10 000	Custom	101008786	0,3050	
16	Eco Black ●	40	4,0	50	400	10 000	Standard	101008787	0,2950	
16	Eco Black ●	40	4,0	75	400	10 000	Standard	101008789	0,2750	
16	Eco Black ●	40	4,0	100	400	10 000	Standard	101008790	0,2700	
16	Eco Black ●	40	4,0	125	400	10 000	Custom	101008791	0,2650	
16	Eco Black ●	40	4,0	25	100	9 600	Custom	101046256	0,3500	

Hydrogol Eco Drip Line - 16 mm / 45 mil									Eco	4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Black ●	45	2,0	30	400	10 000	Custom	101008800	0,3300	
16	Eco Black ●	45	2,0	50	400	10 000	Custom	101008803	0,3150	
16	Eco Black ●	45	2,0	100	400	10 000	Custom	101008806	0,2950	
16	Eco Black ●	45	2,0	33	100	9 600	Custom	101012862	0,3450	
16	Eco Black ●	45	2,0	40	100	9 600	Custom	101012861	0,3350	
16	Eco Black ●	45	2,0	33	50	30 000	Custom	101012874	0,4100	
16	Eco Black ●	45	2,0	33	25	30 000	Custom	101012868	0,4800	

Note: Available in brown, white, and purple.

Drip Lines | Hydrogol Eco

Hydrogol Eco Drip Line - 20 mm / 40 mil									Eco	4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
20	Eco Black ●	40	1,2	40	300	10 200	Custom	101008818	0,4075	
20	Eco Black ●	40	1,2	60	300	10 200	Custom	101008820	0,3750	
20	Eco Black ●	40	1,2	100	300	10 200	Custom	101008822	0,3500	
20	Eco Black ●	40	2,0	40	300	10 200	Custom	101008826	0,4075	
20	Eco Black ●	40	2,0	50	300	10 200	Custom	101008827	0,3875	
20	Eco Black ●	40	2,0	60	300	10 200	Custom	101008828	0,3750	
20	Eco Black ●	40	2,0	75	300	10 200	Custom	101008829	0,3625	

Hydrogol Eco Drip Line - 20 mm / 45 mil									Eco	4
Dia,	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
	(color)	(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
20	Eco Black ●	45	2,0	33	300	10 200	Custom	101008849	0,4600	
20	Eco Black ●	45	2,0	50	300	10 200	Custom	101008851	0,4200	
20	Eco Black ●	45	2,0	75	300	10 200	Custom	101008853	0,3950	
20	Eco Black ●	45	2,0	100	300	10 200	Custom	101008854	0,3800	
20	Eco Black ●	45	4,0	75	300	10 200	Custom	101008861	0,3950	
20	Eco Black ●	45	4,0	125	300	10 200	Custom	101008863	0,3650	

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Versatility - Irrigate crops in a wide range of field conditions

Features:

- Pressure Compensated (PC) cylindrical drippers
- Highly accurate floating diaphragm - maintains constant flow rate at variable inlet pressure
- Large cross-sectional labyrinth with a self-cleaning mechanism
- Spacings between drippers from 15 cm and up
- Heavy wall thickness (up to 45) for straight and robust long lasting on-surface or hanging installation
- UV proof premium quality polyethylene
- Available in brown, white, and purple.

Benefits :

- Cost effective and accurate amount of water (and fertigation nutrients) delivered per plant
- Ideal for sloping fields and long run lengths
- Easy and long lasting hanging installation on the orchard and vineyard rows
- Pressure compensated drippers allow uniform spreading of water and nutrients along the orchard and vineyard rows



Crop applications

- Multiseasonal / permanent horticulture applications
- Orchards, olives, nuts, hazelnuts, almonds, Stone fruit (peach, apricot, plum,...) , Hard fruit (apple, pear, mango), Citrus (lemon, orange, grapefruit)
- Berry (blueberry, raspberry,...)
- Vineyards

How to use

- In PC field conditions (Ideal for sloping / undulating fields and/or long run lengths)
- On-surface
- Hanging/suspended

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Drip Lines | Hydro PC

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
12		35		1,05		15
16		40		1,20 - 1,60 2,20-3,60		20
17		45		1,20 - 1,60 2,20-3,60		30
20		47		1,20 - 1,60 2,20-3,60		33
						40
						50
						60
						75
						90
						100
						125
						150



Roll Information		
Dia/mil	(m)	(kg)
12 mm	600	21
16 mm	400	22
17 mm	350	22
20 mm	300	22

Purchasing Information Hydro PC 12 & 16		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	10
Purchasing Information Hydro PC 20		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	9

Container Quantities (Rolls)				
Diameter (Roll Length)	Tautliner (13,7 m)	20'	40'	40' HC
12 mm (600 m)	500	190	380	440
16 mm (400 m)	480	180	360	400
17 mm (350 m)	450	180	360	400
20 mm (300 m)	360	130	270	300

Drip Lines | Hydro PC

Hydro PC Flow Regulated Drip Line – Maximum Lateral Run Length (m), Flat Terrain

Flow Rate (lph)	Dripper Spacing (cm)	Pipe Diameter 16 mm			Pipe Diameter 17 mm			Pipe Diameter 20 mm		
		Drip Line Inlet Pressure (bar)								
		1,0	2,0	3,0	1,0	2,0	3,0	1,0	2,0	3,0
1,2	20	65	100	120	80	124	150	88	156	192
	30	92	142	171	112	175	212	123	218	269
	40	116	180	218	142	221	268	154	275	339
	50	139	216	261	168	264	320	184	328	404
	60	160	249	301	193	303	368	210	376	464
	75	189	296	358	228	359	436	248	444	548
	100	234	367	445	281	443	539	304	547	676
1,6	20	45	79	97	56	99	121	73	129	159
	30	63	112	137	79	139	171	102	181	223
	40	80	142	175	99	176	217	128	228	282
	50	96	171	210	118	210	259	153	272	336
	60	110	197	242	136	242	299	175	312	386
	75	131	233	288	160	286	353	206	369	456
	100	162	290	359	197	354	437	252	454	562
2,2	20	37	65	79	45	80	98	59	105	129
	30	52	92	113	64	113	139	83	147	181
	40	66	116	143	80	143	176	104	186	229
	50	79	140	172	96	171	211	124	221	273
	60	91	161	199	110	197	243	142	254	314
	75	108	192	236	130	233	287	167	300	371
	100	133	238	293	161	288	356	205	370	457
3,6	20	27	47	57	33	58	71	43	76	93
	30	38	66	81	46	82	101	60	107	131
	40	48	84	104	58	104	128	76	135	166
	50	58	102	125	70	124	153	90	161	199
	60	67	118	145	80	143	176	103	185	228
	80	79	140	172	95	170	210	122	219	270
	100	97	173	214	117	210	259	150	270	333

Technical Data Hydro PC 12 / 16 / 20		
Operating pressure range:	0,8 - 3,5 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1,20	100	150
> 1,20	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Lines | Hydro PC

			Price in € per meter							5
Hydro PC			Spacing (cm)							
Dia	Wall Thickness (mil)	Roll Length (m)	20	30	33	40	50	60	75	100
12	35	600	0,5375	0,4100	0,4025	0,3700	0,3300	0,3100	0,2900	0,2750
	40	600	0,5525							
16	35	400		0,4800		0,4475	0,4100	0,3850	0,3625	0,3350
	40	400	0,6275	0,5100	0,4850	0,4700	0,4300	0,4150	0,3900	0,3650
	45	400	0,6500	0,5600	0,5400	0,5000	0,4700	0,4425	0,4175	0,3900
20	40	300		0,6700		0,5800	0,5400	0,5200	0,4875	0,4525
	45	300		0,6800	0,6700	0,6300	0,5800	0,5550	0,5250	0,4925
	47	300	0,8500			0,6500	0,6000	0,5750	0,5400	0,5075

Hydro PC - 12 mm / 35 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
12	Black ●	35	1,05	20	600	10 200	Custom	101002721	0,5375
12	Black ●	35	1,05	50	600	10 200	Custom	101002725	0,3300
12	Black ●	35	1,05	60	600	10 200	Custom	101002726	0,3100
12	Black ●	35	1,05	75	600	10 200	Custom	101012937	0,2900
12	Black ●	35	1,05	100	600	10 200	Standard	101012938	0,2750

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 16 mm / 35 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	35	1,2	30	400	10 000	Custom	101025991	0,4800
16	Black ●	35	1,2	40	400	10 000	Custom	101026031	0,4475
16	Black ●	35	1,2	50	400	10 000	Custom	101026032	0,4100
16	Black ●	35	1,2	60	400	10 000	Custom	101009054	0,3850
16	Black ●	35	1,2	75	400	10 000	Custom	101002641	0,3625
16	Black ●	35	1,2	100	400	10 000	Custom	101025779	0,3350
16	Black ●	35	1,6	40	400	10 000	Custom	101025780	0,4475
16	Black ●	35	1,6	50	400	10 000	Custom	101025922	0,4100
16	Black ●	35	1,6	60	400	10 000	Custom	101026058	0,3850
16	Black ●	35	1,6	75	400	10 000	Custom	101025901	0,3625
16	Black ●	35	1,6	100	400	10 000	Custom	101025781	0,3350
16	Black ●	35	2,2	40	400	10 000	Custom	101025782	0,4475
16	Black ●	35	2,2	50	400	10 000	Custom	101002605	0,4100
16	Black ●	35	3,6	75	400	10 000	Custom	101025912	0,3625

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 16 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	1,2	20	400	10 000	Custom	101002563	0,6275
16	Black ●	40	1,2	30	400	10 000	Custom	101002564	0,5100
16	Black ●	40	1,2	40	400	10 000	Custom	101002565	0,4700
16	Black ●	40	1,2	50	400	10 000	Custom	101002628	0,4300
16	Black ●	40	1,2	60	400	10 000	Custom	101002566	0,4275
16	Black ●	40	1,2	75	400	10 000	Custom	101002657	0,3900
16	Black ●	40	1,2	100	400	10 000	Custom	101009071	0,3650
16	Black ●	40	1,6	20	400	10 000	Custom	101002706	0,6275
16	Black ●	40	1,6	30	400	10 000	Custom	101002601	0,5100
16	Black ●	40	1,6	33	400	10 000	Custom	101009085	0,4850
16	Black ●	40	1,6	40	400	10 000	Custom	101002567	0,4700
16	Black ●	40	1,6	50	400	10 000	Standard	101002568	0,4300
16	Black ●	40	1,6	60	400	10 000	Custom	101002569	0,4150
16	Black ●	40	1,6	75	400	10 000	Custom	101002570	0,3900
16	Black ●	40	1,6	90	400	10 000	Custom	101002699	0,3775
16	Black ●	40	1,6	100	400	10 000	Standard	101002630	0,3650

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 16 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	2,2	20	400	10 000	Custom	101002623	0,6275
16	Black ●	40	2,2	30	400	10 000	Custom	101002572	0,5100
16	Black ●	40	2,2	33	400	10 000	Custom	101009034	0,4850
16	Black ●	40	2,2	40	400	10 000	Custom	101002573	0,4700
16	Black ●	40	2,2	50	400	10 000	Standard	101002610	0,4300
16	Black ●	40	2,2	60	400	10 000	Custom	101002574	0,4150
16	Black ●	40	2,2	75	400	10 000	Standard	101002575	0,3900
16	Black ●	40	2,2	80	400	10 000	Custom	101009033	0,3850
16	Black ●	40	2,2	100	400	10 000	Standard	101002576	0,3650
16	Black ●	40	2,2	125	400	10 000	Custom	101009102	0,3500
16	Black ●	40	2,2	150	400	10 000	Custom	101008977	0,3400
16	Black ●	40	3,6	33	400	10 000	Custom	101009078	0,4850
16	Black ●	40	3,6	40	400	10 000	Custom	101002702	0,4700
16	Black ●	40	3,6	50	400	10 000	Custom	101002626	0,4300
16	Black ●	40	3,6	60	400	10 000	Custom	101002703	0,4150
16	Black ●	40	3,6	75	400	10 000	Custom	101002577	0,3900
16	Black ●	40	3,6	100	400	10 000	Standard	101002578	0,3650
16	Black ●	40	3,6	150	400	10 000	Custom	101002704	0,3400

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 16 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	45	1,2	20	400	10 000	Custom	101008978	0,6500
16	Black ●	45	1,2	30	400	10 000	Custom	101008979	0,5600
16	Black ●	45	1,2	50	400	10 000	Custom	101009044	0,4700
16	Black ●	45	1,2	60	400	10 000	Custom	101009072	0,4425
16	Black ●	45	1,6	20	400	10 000	Custom	101008982	0,6500
16	Black ●	45	1,6	30	400	10 000	Custom	101008983	0,5600
16	Black ●	45	1,6	40	400	10 000	Custom	101009040	0,5000
16	Black ●	45	1,6	50	400	10 000	Custom	101008985	0,4700
16	Black ●	45	1,6	60	400	10 000	Custom	101008986	0,4425
16	Black ●	45	1,6	75	400	10 000	Standard	101008987	0,4175
16	Black ●	45	1,6	100	400	10 000	Custom	101008988	0,3900

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 16 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	45	2,2	20	400	10 000	Custom	101008989	0,6500
16	Black ●	45	2,2	30	400	10 000	Custom	101008990	0,5600
16	Black ●	45	2,2	33	400	10 000	Custom	101002579	0,5400
16	Black ●	45	2,2	40	400	10 000	Custom	101008991	0,5000
16	Black ●	45	2,2	50	400	10 000	Custom	101008992	0,4700
16	Black ●	45	2,2	60	400	10 000	Standard	101008993	0,4425
16	Black ●	45	2,2	75	400	10 000	Standard	101008994	0,4175
16	Black ●	45	2,2	80	400	10 000	Custom	101009035	0,4100
16	Black ●	45	2,2	100	400	10 000	Standard	101008995	0,3900
16	Black ●	45	2,2	125	400	10 000	Custom	101009105	0,3750
16	Black ●	45	2,2	150	400	10 000	Custom	101008997	0,3650
16	Black ●	45	2,2	33	100	9 600	Custom	101012947	0,5600
16	Black ●	45	3,6	30	400	10 000	Custom	101008998	0,5600
16	Black ●	45	3,6	33	400	10 000	Custom	101009061	0,5400
16	Black ●	45	3,6	40	400	10 000	Custom	101009052	0,5000
16	Black ●	45	3,6	50	400	10 000	Custom	101008999	0,4700
16	Black ●	45	3,6	60	400	10 000	Custom	101009000	0,4425
16	Black ●	45	3,6	75	400	10 000	Custom	101009001	0,4175
16	Black ●	45	3,6	100	400	10 000	Custom	101009002	0,3900
16	Black ●	45	3,6	125	400	10 000	Custom	101009060	0,3750
16	Black ●	45	3,6	150	400	10 000	Custom	101009058	0,3650

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 20 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	40	1,2	30	300	10 200	Custom	101002719	0,6700
20	Black ●	40	1,2	40	300	10 200	Custom	101002673	0,5800
20	Black ●	40	1,6	40	300	10 200	Custom	101002681	0,5800
20	Black ●	40	1,6	50	300	10 000	Custom	101002631	0,5400
20	Black ●	40	1,6	60	300	10 200	Custom	101002632	0,5200
20	Black ●	40	1,6	75	300	10 200	Custom	101002622	0,4875
20	Black ●	40	1,6	100	300	10 200	Custom	101002683	0,4525
20	Black ●	40	2,2	30	300	10 200	Custom	101002625	0,6700
20	Black ●	40	2,2	40	300	10 200	Custom	101002686	0,5800
20	Black ●	40	2,2	50	300	10 200	Custom	101002633	0,5400
20	Black ●	40	2,2	60	300	10 200	Custom	101002636	0,5200
20	Black ●	40	3,6	50	300	10 200	Custom	101002606	0,5400

Hydro PC - 20 mm / 47 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	47	1,6	20	300	10 200	Custom	101025890	0,8500
20	Black ●	47	1,6	50	300	10 200	Custom	101022949	0,6000
20	Black ●	47	2,2	40	300	10 200	Custom	101025869	0,6500
20	Black ●	47	2,2	50	300	10 200	Custom	101025832	0,6000
20	Black ●	47	2,2	75	300	10 200	Custom	101026056	0,5400
20	Black ●	47	2,2	60	300	10 200	Custom	101026178	0,5750
20	Black ●	47	2,2	100	300	10 200	Custom	101025833	0,5075
20	Black ●	47	3,6	40	300	10 200	Custom	101025870	0,6500
20	Black ●	47	3,6	60	300	10 200	Custom	101025835	0,5750
20	Black ●	47	3,6	75	300	10 200	Custom	101025836	0,5400
20	Black ●	47	3,6	100	300	10 200	Custom	101025838	0,5075

Note: Available in brown, white, and purple.

Drip Lines | Hydro PC

Hydro PC - 20 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	45	1,2	33	300	10 200	Custom	101009079	0,6700
20	Black ●	45	1,2	50	300	10 200	Custom	101009010	0,5800
20	Black ●	45	1,2	60	300	10 200	Custom	101009066	0,5550
20	Black ●	45	1,2	75	300	10 200	Custom	101009080	0,5250
20	Black ●	45	1,6	30	300	10 200	Custom	101009055	0,6800
20	Black ●	45	1,6	33	300	10 200	Custom	101009041	0,6700
20	Black ●	45	1,6	40	300	10 200	Custom	101009012	0,6300
20	Black ●	45	1,6	50	300	10 200	Standard	101002588	0,5800
20	Black ●	45	1,6	60	300	10 200	Custom	101009013	0,5550
20	Black ●	45	1,6	75	300	10 200	Custom	101009014	0,5250
20	Black ●	45	1,6	100	300	10 200	Custom	101009015	0,4925
20	Black ●	45	2,2	30	300	10 200	Custom	101009039	0,6800
20	Black ●	45	2,2	33	300	10 200	Custom	101009016	0,6700
20	Black ●	45	2,2	40	300	10 200	Custom	101009017	0,6300
20	Black ●	45	2,2	50	300	10 200	Standard	101009018	0,5800
20	Black ●	45	2,2	60	300	10 200	Standard	101002589	0,5550
20	Black ●	45	2,2	75	300	10 200	Standard	101009019	0,5250
20	Black ●	45	2,2	80	300	10 200	Custom	101002590	0,5150
20	Black ●	45	2,2	100	300	10 200	Custom	101009020	0,4925
20	Black ●	45	2,2	125	300	10 200	Custom	101009108	0,4725
20	Black ●	45	3,6	30	300	10 200	Custom	101009068	0,6800
20	Black ●	45	3,6	33	300	10 200	Custom	101009067	0,6700
20	Black ●	45	3,6	40	300	10 200	Custom	101009050	0,6300
20	Black ●	45	3,6	50	300	10 200	Custom	101009021	0,5800
20	Black ●	45	3,6	60	300	10 200	Custom	101009042	0,5550
20	Black ●	45	3,6	75	300	10 200	Custom	101009022	0,5250
20	Black ●	45	3,6	80	300	10 200	Custom	101009023	0,5150
20	Black ●	45	3,6	100	300	10 200	Custom	101009024	0,4925
20	Black ●	45	3,6	125	300	10 200	Custom	101009109	0,4725

Drip Lines | Hydro PCND

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
12		35		1,05		15
16		40		1,35-1,75-2,35-3,75		20
17		45		1,35-1,60-2,35-3,75		25
20		47		1,35-1,75-2,35-3,60		30
						33
						40
						50
						60
						75
						100
						125
						150



Roll Information

Dia/mil	(m)	(kg)
12 mm	600	21
16 mm	400	22
17 mm	350	22
20 mm	300	22

Purchasing Information Hydro PC 12 mm / 16mm

In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	10
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Purchasing Information Hydro PC 20 mm

In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	9
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Container Quantities (Rolls)

Diameter (Roll Length)	Tautliner (13,7 m)	20'	40'	40' HC
12 mm (600 m)	500	190	380	440
16 mm (400 m)	480	180	360	400
17 mm (350 m)	450	180	360	400
20 mm (300 m)	360	130	270	300

Drip Lines | Hydro PCND

Hydro PC ND Flow Regulated Drip Line – Maximum Lateral Run Length (m), Flat Terrain

Flow Rate (lph)	Dripper Spacing (cm)	Pipe diameter 16 mm			Pipe diameter 17 mm			Pipe diameter 20 mm		
		Drip line inlet pressure (bar)								
		1,0	2,0	3,0	1,0	2,0	3,0	1,0	2,0	3,0
1,35	20	60	92	111	75	116	140	83	146	179
	30	85	131	158	105	164	197	116	204	251
	40	107	167	201	133	207	250	146	258	317
	50	128	200	242	158	247	298	173	306	377
	60	148	230	279	181	283	343	197	352	433
	75	176	275	332	214	335	407	233	415	512
	100	217	340	412	263	414	502	286	511	631
1,75*	20	43	75	92	57	100	122	70	123	151
	30	61	106	131	80	141	173	98	173	212
	40	77	136	166	100	178	219	123	217	267
	50	92	162	200	120	212	261	146	259	319
	60	106	187	230	137	244	301	167	298	367
	75	125	223	274	162	288	356	197	351	433
	100	155	276	340	200	357	440	242	432	534
2,35	20	35	62	76	44	78	95	58	101	124
	30	50	88	108	62	109	134	81	143	175
	40	63	112	137	78	138	170	102	180	221
	50	76	134	165	94	166	204	121	214	263
	60	87	155	190	107	190	235	138	245	302
	75	104	184	227	127	225	278	163	290	358
	100	128	228	281	156	278	343	201	358	442
3,75**	20	26	45	56	33	57	70	44	77	94
	30	37	65	79	46	81	99	61	108	132
	40	46	82	101	58	102	126	77	136	168
	50	56	99	122	69	122	150	92	162	200
	60	65	115	141	79	140	173	105	187	230
	75	77	136	167	93	167	205	124	221	272
	100	95	169	208	116	206	255	152	272	335

* Flow rate for 17 mm: 1,60 lph ** Flow rate for 20 mm: 3,60 lph

Technical Data Hydro PC 12 / 16 / 20 mm		
Operating pressure range:	0,8 - 3,5 bar	
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1,20	100	150
> 1,20	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Lines | Hydro PCND

			Price in € per meter							5
Hydro PCND			Spacing (cm)							
Dia	Wall Thickness (mil)	Roll Length (in m)	20	30	33	40	50	60	75	100
12	35	600	0,5400	0,4200	0,4050	0,3725	0,3375	0,3150	0,2950	0,2800
16	35	400	0,6600	0,5125	0,4800	0,4500	0,4150	0,3950	0,3700	0,3450
	40	400	0,6900	0,5400	0,5100	0,4800	0,4400	0,4275	0,4025	0,3750
	45	400	0,7100	0,5700	0,5550	0,5100	0,4850	0,4450	0,4300	0,4000
20	40	300	0,8550	0,6825	0,6500	0,6000	0,5500	0,5250	0,5025	0,4650
	45	300	0,8800	0,7000	0,6800	0,6500	0,5900	0,5600	0,5275	0,4950
	47	300	0,9000	0,7350	0,7050	0,6700	0,6100	0,5925	0,5550	0,5100

Hydro PCND - 12 mm / 35 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
12	Black ●	35	1,05	15	600	10 200	Custom	101022886	0,6400
12	Black ●	35	1,05	20	600	10 200	Standard	101013000	0,5400
12	Black ●	35	1,05	25	600	10 200	Custom	101003077	0,4800
12	Black ●	35	1,05	40	600	10 200	Custom	101003066	0,3725
12	Black ●	35	1,05	100	600	10 200	Custom	101018377	0,2800

Note: Available in brown, white.

Hydro PCND - 16 mm / 35 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	35	1,35	30	400	10 000	Custom	101027278	0,5125
16	Black ●	35	1,75	30	400	10 000	Custom	101027870	0,5125
16	Black ●	35	1,75	33	400	10 000	Custom	101027838	0,4800
16	Black ●	35	1,75	50	400	10 000	Custom	101027276	0,4150

Note: Available in brown, white.

Drip Lines | Hydro PCND

Hydro PCND - 16 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	1,35	15	400	10 000	Custom	101003042	0,8000
16	Black ●	40	1,35	25	400	10 000	Custom	101009399	0,6100
16	Black ●	40	1,35	30	400	10 000	Custom	101002976	0,5400
16	Black ●	40	1,35	33	400	10 000	Custom	101009391	0,5100
16	Black ●	40	1,35	40	400	10 000	Custom	101002977	0,4800
16	Black ●	40	1,35	50	400	10 000	Custom	101002945	0,4400
16	Black ●	40	1,35	100	400	10 000	Custom	101002980	0,3750
16	Black ●	40	1,35	150	400	10 000	Custom	101002981	0,3500
16	Black ●	40	1,75	15	400	10 000	Custom	101027332	0,8000
16	Black ●	40	1,75	25	400	10 000	Custom	101009393	0,6100
16	Black ●	40	1,75	30	400	10 000	Custom	101002970	0,5400
16	Black ●	40	1,75	33	400	10 000	Custom	101009412	0,5100
16	Black ●	40	1,75	40	400	10 000	Custom	101002971	0,4800
16	Black ●	40	1,75	50	400	10 000	Custom	101002956	0,4400
16	Black ●	40	1,75	60	400	10 000	Custom	101002972	0,4275
16	Black ●	40	1,75	75	400	10 000	Custom	101002954	0,4025
16	Black ●	40	1,75	100	400	10 000	Standard	101002885	0,3750
16	Black ●	40	1,75	125	400	10 000	Custom	101009416	0,3600
16	Black ●	40	1,75	150	400	10 000	Custom	101002975	0,3500

Note: Available in brown, white.

Drip Lines | Hydro PCND

Hydro PCND - 16 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	2,35	15	400	10 000	Custom	101027311	0,8000
16	Black ●	40	2,35	33	400	10 000	Custom	101009403	0,5100
16	Black ●	40	2,35	40	400	10 000	Custom	101002869	0,4800
16	Black ●	40	2,35	50	400	10 000	Custom	101003044	0,4400
16	Black ●	40	2,35	60	400	10 000	Custom	101002893	0,4275
16	Black ●	40	2,35	75	400	10 000	Custom	101003036	0,4025
16	Black ●	40	2,35	100	400	10 000	Custom	101002858	0,3750
16	Black ●	40	2,35	125	400	10 000	Custom	101009417	0,3600
16	Black ●	40	2,35	150	400	10 000	Custom	101002934	0,3500
16	Black ●	40	3,75	30	400	10 000	Custom	101002982	0,5400
16	Black ●	40	3,75	50	400	10 000	Custom	101002984	0,4400
16	Black ●	40	3,75	75	400	10 000	Custom	101002986	0,4025
16	Black ●	40	3,75	100	400	10 000	Custom	101002988	0,3750
16	Black ●	40	3,75	125	400	10 000	Custom	101009418	0,3600
16	Black ●	40	3,75	150	400	10 000	Custom	101002989	0,3500

Note: Available in brown, white.

Drip Lines | Hydro PCND

Hydro PCND - 16 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	45	1,35	20	400	10 000	Custom	101027193	0,7100
16	Black ●	45	1,35	30	400	10 000	Custom	101009373	0,5700
16	Black ●	45	1,35	40	400	10 000	Custom	101002955	0,5100
16	Black ●	45	1,35	50	400	10 000	Custom	101002850	0,4850
16	Black ●	45	1,35	75	400	10 000	Custom	101009401	0,4300
16	Black ●	45	1,35	100	400	10 000	Custom	101009385	0,4000
16	Black ●	45	1,75	25	400	10 000	Custom	101027212	0,6400
16	Black ●	45	1,75	20	400	10 000	Custom	101002811	0,7100
16	Black ●	45	1,75	30	400	10 000	Custom	101009374	0,5700
16	Black ●	45	1,75	33	400	10 000	Custom	101009387	0,5550
16	Black ●	45	1,75	40	400	10 000	Custom	101002849	0,5100
16	Black ●	45	1,75	50	400	10 000	Custom	101009375	0,4850
16	Black ●	45	1,75	75	400	10 000	Custom	101009402	0,4300

Note: Available in brown, white.

Drip Lines | Hydro PCND

Hydro PCND - 16 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	45	2,35	20	400	10 000	Custom	101009376	0,7100
16	Black ●	45	2,35	25	400	10 000	Custom	101027195	0,6400
16	Black ●	45	2,35	30	400	10 000	Custom	101002812	0,5700
16	Black ●	45	2,35	33	400	10 000	Custom	101009384	0,5550
16	Black ●	45	2,35	40	400	10 000	Custom	101002813	0,5100
16	Black ●	45	2,35	50	400	10 000	Custom	101002814	0,4850
16	Black ●	45	2,35	75	400	10 000	Custom	101002857	0,4300
16	Black ●	45	2,35	100	400	10 000	Standard	101002816	0,4000
16	Black ●	45	2,35	150	400	10 000	Standard	101002817	0,3750
16	Black ●	45	3,75	20	400	10 000	Custom	101027324	0,7100
16	Black ●	45	3,75	30	400	10 000	Custom	101002818	0,5700
16	Black ●	45	3,75	40	400	10 000	Custom	101002819	0,5100
16	Black ●	45	3,75	50	400	10 000	Custom	101002820	0,4850
16	Black ●	45	3,75	60	400	10 000	Custom	101002861	0,4450
16	Black ●	45	3,75	75	400	10 000	Custom	101002863	0,4300
16	Black ●	45	3,75	100	400	10 000	Custom	101002821	0,4000
16	Black ●	45	3,75	125	400	10 000	Custom	101009421	0,3875
16	Black ●	45	3,75	150	400	10 000	Custom	101002898	0,3750

Hydro PCND - 20 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	40	1,75	40	300	10 200	Custom	101003018	0,6000
20	Black ●	40	1,75	50	300	10 200	Custom	101003019	0,5500
20	Black ●	40	1,75	60	300	10 200	Custom	101002941	0,5250
20	Black ●	40	1,75	75	300	10 200	Custom	101003020	0,5025

Note: Available in brown, white.

Drip Lines | Hydro PCND

Hydro PCND - 20 mm / 40 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	40	2,35	50	300	10 200	Custom	101002942	0,5500
20	Black ●	40	2,35	60	300	10 200	Custom	101002943	0,5250
20	Black ●	40	3,60	30	300	10 200	Custom	101002990	0,6825
20	Black ●	40	3,60	50	300	10 200	Custom	101002991	0,5500
20	Black ●	40	3,60	75	300	10 200	Custom	101002993	0,5025

Note: Available in brown, white.

Hydro PCND - 20 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	45	1,35	20	300	10 200	Custom	101027204	0,8800
20	Black ●	45	1,35	33	300	10 200	Custom	101009406	0,6800
20	Black ●	45	1,35	40	300	10 200	Custom	101002862	0,6500
20	Black ●	45	1,75	15	300	10 200	Custom	101027298	1,0200
20	Black ●	45	1,75	20	300	10 200	Custom	101009378	0,8800
20	Black ●	45	1,75	30	300	10 200	Custom	101009379	0,7000
20	Black ●	45	1,75	33	300	10 200	Custom	101009398	0,6800
20	Black ●	45	1,75	40	300	10 200	Custom	101009395	0,6500
20	Black ●	45	1,75	50	300	10 200	Custom	101002835	0,5900
20	Black ●	45	1,75	60	300	10 200	Custom	101002836	0,5600
20	Black ●	45	1,75	75	300	10 200	Custom	101002920	0,5275
20	Black ●	45	1,75	80	300	10 200	Custom	101009396	0,5175
20	Black ●	45	1,75	100	300	10 200	Custom	101002837	0,4950

Note: Available in brown, white.

Drip Lines | Hydro PCND

Hydro PCND - 20 mm / 45 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	45	2,35	20	300	10 200	Custom	101027205	0,8800
20	Black ●	45	2,35	30	300	10 200	Custom	101002838	0,7000
20	Black ●	45	2,35	33	300	10 200	Custom	101009390	0,6800
20	Black ●	45	2,35	40	300	10 200	Custom	101002839	0,6500
20	Black ●	45	2,35	50	300	10 200	Custom	101002840	0,5900
20	Black ●	45	2,35	60	300	10 200	Custom	101002841	0,5600
20	Black ●	45	2,35	75	300	10 200	Custom	101002866	0,5275
20	Black ●	45	2,35	100	300	10 200	Standard	101002842	0,4950
20	Black ●	45	2,35	150	300	10 200	Custom	101002925	0,4600
20	Black ●	45	3,60	20	300	10 200	Custom	101027405	0,8800
20	Black ●	45	3,60	40	300	10 200	Custom	101002843	0,6500
20	Black ●	45	3,60	50	300	10 200	Custom	101002844	0,5900
20	Black ●	45	3,60	75	300	10 200	Custom	101002845	0,5275
20	Black ●	45	3,60	100	300	10 200	Custom	101002846	0,4950
20	Black ●	45	3,60	150	300	10 200	Custom	101002930	0,4600

Hydro PCND - 20 mm / 47 mil									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	47	1,35	75	300	10 200	Custom	101027430	0,5550
20	Black ●	47	1,75	40	300	10 200	Custom	101027241	0,6700
20	Black ●	47	1,75	50	300	10 200	Custom	101027218	0,6100
20	Black ●	47	1,75	60	300	10 200	Custom	101027387	0,5925
20	Black ●	47	2,35	30	300	10 200	Custom	101027215	0,7350
20	Black ●	47	2,35	40	300	10 200	Custom	101027398	0,6700
20	Black ●	47	2,35	50	300	10 200	Custom	101027207	0,6100
20	Black ●	47	2,35	60	300	10 200	Custom	101027208	0,5925
20	Black ●	47	2,35	75	300	10 200	Custom	101027221	0,5550
20	Black ●	47	3,60	40	300	10 200	Custom	101027409	0,6700
20	Black ●	47	3,60	50	300	10 200	Custom	101027239	0,6100

Note: Available in brown, white.

The next evolution in PC drip technology

Features:

- Pressure Compensated (PC) flat drippers -Highly accurate floating diaphragm - maintains constant flow rate at variable inlet pressure
- Multiple inlet filters and large cross sectional labyrinth
- D5000PC exists with Anti-Siphon (AS) option to limit soil ingestion especially when used for sub-surface applications
- Premium quality Silicone diaphragm with self-cleaning feature offer long lasting PC and AS efficiency
- Complete range of solutions configurations (diameter, wall thickness, flow rate, emitters spacing,..) available to face any kind of field conditions
- Flat dripper allow longer run length than cylindrical dripper option

Benefits:

- Engineered to resist clogging
- Cost effective and accurate amount of water (and fertigation nutrients) delivered per plant
- Ideal for sloping fields and long run lengths
- Long lasting hanging installation on the orchard and vinyard rows
- Compact package (more meters of drip line per roll) allows optimized delivery and storage cost & broader installation coverage (less roll/hectare)



Crop applications (15mil-25 mil)

- Vegetable crops
- Row crops
- Industrial tomatos
- Sugar cane
- Young orchard

Crop applications (30mil-47mil)

- Orchards
- Vinyards
- Olive groves
- Nurseries
- Permanant horticulture
- Landscape

How to use

- In PC /AS field conditions (Ideal for sloping terrain and/or long run lengths, where soil ingestion is a risk (ex: sandy soil))
- On-surface
- Sub-surface (SDI)
- Hanging / suspended (30-47mil)
- Under plasctic mulch (15-40mil)

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Drip Lines | D5000 PC & D5000 AS

D5000 Drip Line - Thin/medium thickness models (15 - 25 mil)

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		15		0,65		15
17		18, 25		1,0		20
22		15, 25		1,5		30
				2,0		40
				3,5		50
						60
						75
						100



Container Quantities (Rolls)				
Package	Tautliner (13,7 m)	Container 20'	Container 40'	Container 40' HC
1	792 Rolls	334 Rolls (20 pallets + 14 rolls)	704 Rolls (44 pallets)	792 Rolls (44 pallets + 88 rolls)
2	636 Rolls	240 Rolls	496 Rolls	576 Rolls
3	548 Rolls	240 (20 pallets)	480 (40 pallets)	480 Rolls

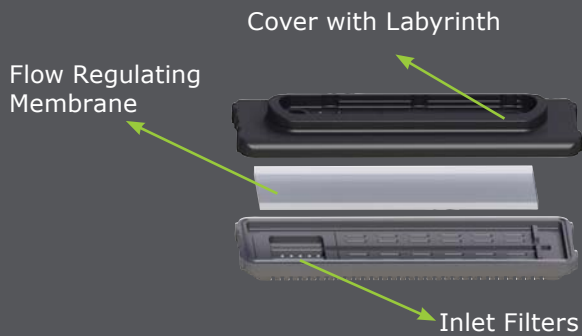
Roll Information			
Dia/mil	(m)	(kg)	Package #
16/15	600	17,7	1
16/30	600	21,2	2
16/35	500	21,0	2
16/40	400	20,0	2
17/18	1100	27,5	2
17/25	800	27,5	2
17/35	450	20,5	2
17/40	450	23,0	2
17/45	400	24,0	2
20/40	350	20,0	2
20/45	300	20,8	3
20/47	300	23,0	3
22/15	800	22,2	2
22/25	500	25,0	2
23/40	350	23,5	3

Purchasing Information D5000 16 mm	Rolls per pallet:
15 mil	20
30 mil	20
35 mil	20
40 mil	20
Purchasing Information D5000 17 mm	
45 mil	20
Purchasing Information D5000 22 mm	
15 mil	20
25 mil	20
Purchasing Information D5000 23 mm	
40 mil	12

Drip Lines | D5000 PC & D5000 AS

D5000 Drip Line - Thick walled models (30- 47 mil)

Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		30, 35, 40		0,65		15
17		35, 40, 45		1,0		20
20		40, 45, 47		1,5		30
23		40		2,0		40
				3,5		50
						60
						75
						100



Fitting Reference Chart			
Diameter	Wall Thickness	Fitting Family	Fitting Size
(mm)	(mil)		
16	15	Pro-Grip	5/8" Tape (PG-T5)
17	18, 25	Pro-Grip	5/8" Tape (PG-T5)
22	15, 25	Pro-Grip	7/8" Tape (PG-T7)
16	30, 35, 40	Drip Line	Barbed 16 Green - 101001889
17	35, 40, 45	Drip Line	Barbed 17 Green - 101001965
20	40, 45, 47	Drip Line	Barbed 20 Black - 101001888
23	40	Pro-Grip	PG-T7 - 101001180

Drip Lines | D5000 PC & D5000 AS

D5000 PC - Technical data

Product		Inside diameter	Outside diameter	Wall thickness		Max, Operating pressure	Reel length
(mm)	(mil)	(mm)	(mm)	(mil)	(mm)	(bar)	(m)
16	15	16,4	17,16	15	0,38	2,2	600
16	30	13,8	15,32	30	0,76	2,5	600
16	35	13,8	15,58	35	0,89	3,0	500
16	40	13,8	15,83	40	1,02	3,5	400
17	18	15,3	16,20	18	0,45	2,2	1100
17	25	15,3	16,57	25	0,63	2,5	800
17	35	15,3	17,08	35	0,89	3,0	450
17	40	15,3	17,33	40	1,02	3,5	450
17	45	15,3	17,59	45	1,14	3,5	400
20	40	17,6	19,63	40	1,02	3,5	350
20	45	17,6	19,89	45	1,14	3,5	300
20	47	17,6	19,99	47	1,19	3,5	300
22	15	22,2	22,96	15	0,38	1,8	800
22	25	22,2	23,47	25	0,63	2,5	500
23	40	20,8	22,84	40	1,02	3,0	350

D5000 AS - Technical data

Product		Inside diameter	Outside diameter	Wall thickness		Max, Operating pressure	Reel length
(mm)	(mil)	(mm)	(mm)	(mil)	(mm)	(bar)	(m)
16	30	13,8	15,32	30	0,76	2,5	600
16	35	13,8	15,58	35	0,89	3,0	500
16	40	13,8	15,83	40	1,02	3,5	400
17	18	15,3	16,20	18	0,45	2,2	1100
17	25	15,3	16,57	25	0,63	2,5	800
17	35	15,3	17,08	35	0,89	3,0	450
17	40	15,3	17,33	40	1,02	3,5	450
17	45	15,3	17,59	45	1,14	3,5	400
20	40	17,6	19,63	40	1,02	3,5	350
20	45	17,6	19,89	45	1,14	3,5	300
20	47	17,6	19,99	47	1,19	3,5	300
22	25	22,2	23,47	25	0,63	2,5	500
23	40	20,8	22,84	40	1,02	3,0	350

Drip Lines | D5000 PC & D5000 AS

Technical Data D5000 16 mm	
Maximum operating pressure:	
15 mil	2,2 bar
30 mil	2,5 bar
35 mil	3,0 bar
40 mil	3,5 bar
Minimum pressure:	0,5 bar
Technical Data D5000 17 mm	
Maximum operating pressure:	
18 mil	1,5 bar
25 mil	2,0 bar
35 mil	3,0 bar
40 mil	3,0 bar
45 mil	3,5 bar
Minimum pressure:	0,5 bar
Technical Data D5000 22 mm	
Maximum operating pressure:	
15 mil	1,2 bar
25 mil	2,0 bar
Minimum pressure:	0,5 bar
Technical Data D5000 23 mm	
Maximum operating pressure:	
40 mil	3,0 bar
Minimum pressure:	0,5 bar

Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1,0	100	150
>1,0	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application

Drip Lines | D5000 PC & D5000 AS

Maximum Recommended Run lengths
(meters, flat terrain, Calculated at maximum operating pressure)

Rivulis D5000 PC / Rivulis D5000 AS

Dia, (mm)	Wall thickness (mil)	Flow rate (l/h)	Spacing between Drippers (cm)							
			15 (m)	20 (m)	30 (m)	40 (m)	50 (m)	60 (m)	75 (m)	100 (m)
16	15*	0,65	174	223	312	392	467	536	632	777
16	35/40	0,65	144	186	263	333	399	460	545	676
17	18	0,65	162	207	290	364	433	496	614	720
17	25	0,65	180	234	335	429	519	604	728	921
17	40/45	0,65	197	252	353	445	529	607	717	882
20	40/47	0,65	266	339	470	588	695	795	935	1145
22	15*	0,65	332	415	562	692	810	919	1070	1299
23	40	0,65	362	456	623	770	904	1028	1201	1461
16	15*	1,0	131	168	236	297	353	406	479	590
16	30	1,0	101	130	184	234	280	322	383	474
16	35	1,0	109	140	199	252	302	349	414	513
16	40	1,0	116	149	212	269	322	371	441	547
17	18	1,0	122	157	219	276	328	377	445	547
17	25	1,0	128	164	230	290	345	396	467	576
17	35	1,0	139	179	251	316	376	432	510	628
17	40/45	1,0	148	190	267	337	401	461	544	670
20	40/45/47	1,0	201	256	356	446	528	604	710	870
22	15*	1,0	253	316	428	527	617	700	816	990
22	25	1,0	290	364	494	609	714	810	944	1147
23	40	1,0	273	344	470	582	683	778	908	1106
16	15*	1,5	101	129	181	228	272	312	369	454
16	30	1,5	77	100	141	179	215	248	294	365
16	35	1,5	83	107	152	194	232	268	318	395
16	40	1,5	89	114	163	206	248	286	340	421
17	18	1,5	94	120	169	212	253	290	342	422
17	25	1,5	98	126	177	223	266	305	360	444
17	35	1,5	107	137	193	243	289	332	393	484
17	40/45	1,5	114	146	205	259	309	355	419	516
20	40/45/47	1,5	154	197	274	343	406	465	547	671
22	15*	1,5	194	243	330	406	476	540	629	764
22	25	1,5	223	280	380	469	550	625	728	886
23	40	1,5	209	264	362	448	527	599	701	853
16	15*	2,0	83	107	150	190	226	259	306	377
16	30	2,0	64	82	117	149	178	206	245	303
16	35	2,0	69	89	126	161	193	223	264	328
16	40	2,0	73	95	135	171	205	237	282	350
17	18	2,0	77	99	140	176	210	241	284	350
17	25	2,0	81	104	147	185	221	253	299	368
17	35	2,0	88	114	160	202	240	276	326	402
17	40/45	2,0	94	120	169	213	255	293	346	426
20	40/45/47	2,0	128	163	227	284	337	386	455	558
22	15*	2,0	161	202	274	338	396	449	524	636
22	25	2,0	185	232	316	390	457	520	606	737
23	40	2,0	174	219	300	372	438	499	582	710

* Available in PC only

Drip Lines | D5000 PC

D5000 PC			Price in € per meter							6
			Spacing (cm)							
Dia	Wall thickness (mil)	Roll Length (in m)	15	20	30	40	50	60	75	100
16	15	600	0,4900	0,4500	0,3500	0,3225	0,3000	0,2825	0,2575	0,2400
	30	600	0,5650	0,4800	0,4150	0,3650	0,3450	0,3250	0,3050	0,2950
	35	500	0,6000	0,5150	0,4450	0,4000	0,3750	0,3550	0,3450	0,3200
	40	400	0,6300	0,5500	0,4800	0,4350	0,4100	0,3950	0,3750	0,3550
17	18	1 100	0,5400	0,4700	0,3800	0,3250	0,2975	0,2800	0,2650	0,2450
	25	800	0,5725	0,4850	0,3900	0,3450	0,3175	0,3000	0,2825	0,2650
	35	450	0,6450	0,5575	0,4700	0,4250	0,3975	0,3800	0,3600	0,3450
	40	450	0,6800	0,5925	0,5025	0,4575	0,4300	0,4150	0,3950	0,3775
	45	400	0,7175	0,6300	0,5400	0,4950	0,4700	0,4500	0,4325	0,4150
20	40	350	0,7400	0,6500	0,5625	0,5175	0,4900	0,4700	0,4550	0,4450
	45	300	0,7825	0,6940	0,6050	0,5600	0,5350	0,5150	0,5000	0,4800
	47	300	0,8000	0,7100	0,6200	0,5750	0,5500	0,5325	0,5150	0,4975
22	15	800	0,5500	0,4800	0,4225	0,3800	0,3500			
	25	500	0,6475	0,5600	0,4700	0,4300	0,4000			
23	40	350	0,7950	0,7050	0,6150	0,5700	0,5450	0,5275	0,5100	0,4900

Drip Lines | D5000 PC

D5000 PC Drip Line - 16 mm / 15 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	15	1,0	15	600	25 600	Custom	101038935	0,4900
16	Black ●	15	1,0	20	600	25 600	Custom	101038936	0,4500
16	Black ●	15	1,0	25	600	25 600	Custom	WT15696	0,4000
16	Black ●	15	1,0	30	600	25 600	Custom	101028210	0,3500
16	Black ●	15	1,0	40	600	25 600	Custom	101028212	0,3225
16	Black ●	15	1,5	15	600	25 600	Custom	101038957	0,4900
16	Black ●	15	1,5	20	600	25 600	Custom	101038958	0,4500
16	Black ●	15	1,5	30	600	25 600	Custom	101038959	0,3500
16	Black ●	15	1,5	40	600	25 600	Custom	101038960	0,3225
16	Black ●	15	1,5	50	600	25 600	Custom	101038420	0,3000
16	Black ●	15	2,0	15	600	25 600	Custom	101038939	0,4900
16	Black ●	15	2,0	20	600	25 600	Custom	101038940	0,4500
16	Black ●	15	2,0	30	600	25 600	Custom	101038941	0,3500
16	Black ●	15	2,0	40	600	25 600	Custom	101038942	0,3225

D5000 PC Drip Line - 16 mm / 30 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	30	1,0	30	600	16 800	Custom	101028223	0,4150
16	Black ●	30	1,5	30	600	16 800	Custom	101038682	0,4150
16	Black ●	30	1,5	50	600	16 800	Custom	101038684	0,3450
16	Black ●	30	2,0	20	600	16 800	Custom	101038686	0,4800
16	Black ●	30	2,0	30	600	16 800	Custom	101038687	0,4150
16	Black ●	30	2,0	75	600	16 800	Custom	101044389	0,3050

Drip Lines | D5000 PC

D5000 PC Drip Line - 16 mm / 35 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	35	1,0	15	500	28 000	Custom	101038645	0,6000
16	Black ●	35	1,0	20	500	28 000	Custom	101028220	0,5150
16	Black ●	35	1,0	30	500	28 000	Custom	101038690	0,4450
16	Black ●	35	1,0	40	500	28 000	Custom	101038691	0,4000
16	Black ●	35	1,0	50	500	28 000	Custom	101038692	0,3750
16	Black ●	35	1,0	60	500	28 000	Custom	101039293	0,3550
16	Black ●	35	1,0	75	500	28 000	Custom	101039294	0,3450
16	Black ●	35	1,0	100	500	28 000	Custom	WT12541	0,3200
16	Black ●	35	1,5	25	500	28 000	Custom	101046132	0,4800
16	Black ●	35	1,5	30	500	14 000	Standard	101038130	0,4450
16	Black ●	35	1,5	40	500	28 000	Custom	101038695	0,4000
16	Black ●	35	1,5	50	500	28 000	Custom	101038131	0,3750
16	Black ●	35	1,5	60	500	28 000	Custom	101045035	0,3550
16	Black ●	35	1,5	75	500	28 000	Custom	101045036	0,3450
16	Black ●	35	1,5	100	500	14 000	Standard	101045037	0,3200
16	Black ●	35	2,0	15	500	28 000	Custom	101038696	0,6000
16	Black ●	35	2,0	20	500	28 000	Custom	101038697	0,5150
16	Black ●	35	2,0	30	500	28 000	Custom	101038698	0,4450
16	Black ●	35	2,0	40	500	28 000	Custom	101038699	0,4000
16	Black ●	35	2,0	50	500	28 000	Custom	101038700	0,3750
16	Black ●	35	2,0	60	500	28 000	Custom	101045038	0,3550
16	Black ●	35	2,0	75	500	28 000	Custom	101045039	0,3450
16	Black ●	35	2,0	100	500	28 000	Custom	101045040	0,3200
16	Black ●	35	3,5	25	500	28 000	Custom	101048669	0,4800
16	Black ●	35	3,5	40	500	28 000	Custom	101048668	0,4000

Drip Lines | D5000 PC

D5000 PC Drip Line - 16 mm / 40 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	1,0	20	400	22 400	Custom	101022165	0,5500
16	Black ●	40	1,0	25	400	22 400	Custom	101047768	0,5000
16	Black ●	40	1,0	30	400	22 400	Custom	101028205	0,4800
16	Black ●	40	1,0	40	400	22 400	Custom	101028230	0,4350
16	Black ●	40	1,0	50	400	22 400	Custom	101022164	0,4100
16	Black ●	40	1,0	60	400	22 400	Custom	101040216	0,3950
16	Black ●	40	1,0	75	400	22 400	Custom	101045047	0,3750
16	Black ●	40	1,5	25	400	22 400	Custom	101047905	0,5000
16	Black ●	40	1,5	30	400	22 400	Custom	101038704	0,4800
16	Black ●	40	1,5	40	400	11 200	Standard	101038705	0,4350
16	Black ●	40	1,5	50	400	11 200	Standard	101038706	0,4100
16	Black ●	40	1,5	60	400	22 400	Custom	101045360	0,3950
16	Black ●	40	1,5	75	400	22 400	Custom	101041945	0,3750
16	Black ●	40	1,5	100	400	22 400	Custom	101045041	0,3550
16	Black ●	40	2,0	15	400	22 400	Custom	101038707	0,6300
16	Black ●	40	2,0	20	400	22 400	Custom	101038708	0,5500
16	Black ●	40	2,0	30	400	22 400	Custom	101038711	0,4800
16	Black ●	40	2,0	40	400	22 400	Custom	101038709	0,4350
16	Black ●	40	2,0	50	400	11 200	Standard	101038710	0,4100
16	Black ●	40	2,0	60	400	22 400	Custom	101045042	0,3950
16	Black ●	40	2,0	75	400	11 200	Standard	101045043	0,3750
16	Black ●	40	2,0	100	400	11 200	Standard	101045044	0,3550
16	Black ●	40	3,5	30	400	22 400	Custom	WT15275	0,4800
16	Black ●	40	3,5	40	400	22 400	Custom	WT15276	0,4350
16	Black ●	40	3,5	50	400	22 400	Custom	WT15278	0,4100
16	Black ●	40	3,5	60	400	22 400	Custom	WT15279	0,3950
16	Black ●	40	3,5	75	400	11 200	Standard	WT15280	0,3750
16	Black ●	40	3,5	100	400	22 400	Custom	WT15281	0,3550

Drip Lines | D5000 PC

D5000 PC Drip Line - 17 mm / 25 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
17	Black ●	25	2,0	20	800	22 400	Custom	101038736	0,4850

D5000 PC Drip Line - 17 mm / 40 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
17	Black ●	40	1,5	60	450	25 200	Custom	101045070	0,4150
17	Black ●	40	1,5	100	450	25 200	Custom	101045072	0,3775
17	Black ●	40	2,0	40	450	25 200	Custom	101038767	0,4575
17	Black ●	40	2,0	50	450	25 200	Custom	101038768	0,4300
17	Black ●	40	2,0	60	450	25 200	Custom	101045073	0,4150
17	Black ●	40	2,0	100	450	25 200	Custom	101045075	0,3775

D5000 PC Drip Line - 17 mm / 45 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
17	Black ●	45	1,5	40	400	22 400	Custom	101038776	0,4950
17	Black ●	45	1,5	50	400	22 400	Custom	101038777	0,4700
17	Black ●	45	1,5	60	400	22 400	Custom	101045078	0,4500
17	Black ●	45	1,5	75	400	22 400	Custom	101045083	0,4325
17	Black ●	45	2,0	75	400	22 400	Custom	101045081	0,4325
17	Black ●	45	2,0	100	400	22 400	Custom	101045082	0,4150

Drip Lines | D5000 PC

D5000 PC Drip Line - 20 mm / 40 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	40	1,0	20	350	19 600	Custom	101028211	0,6500
20	Black ●	40	1,0	30	350	19 600	Custom	101028206	0,5625
20	Black ●	40	1,0	50	350	19 600	Custom	101038841	0,4900
20	Black ●	40	1,5	20	350	19 600	Custom	101038843	0,6500
20	Black ●	40	1,5	30	350	19 600	Custom	101038844	0,5625
20	Black ●	40	1,5	40	350	19 600	Custom	101038845	0,5175
20	Black ●	40	1,5	50	350	19 600	Custom	101038846	0,4900
20	Black ●	40	1,5	60	350	19 600	Custom	101045093	0,4700
20	Black ●	40	1,5	75	350	19 600	Custom	101045094	0,4550
20	Black ●	40	2,0	20	350	19 600	Custom	101038848	0,6500
20	Black ●	40	2,0	30	350	19 600	Custom	101038849	0,5625
20	Black ●	40	2,0	40	350	19 600	Custom	101038850	0,5175
20	Black ●	40	2,0	50	350	9 800	Standard	101038851	0,4900
20	Black ●	40	2,0	60	350	19 600	Custom	101045096	0,4700
20	Black ●	40	2,0	75	350	19 600	Custom	101045097	0,4550
20	Black ●	40	2,0	100	350	19 600	Custom	101045098	0,4450
20	Black ●	40	3,5	60	350	19 600	Custom	101047766	0,4700
20	Black ●	40	3,5	75	350	19 600	Custom	101048492	0,4550
20	Black ●	40	3,5	100	350	19 600	Custom	101048143	0,4450

Drip Lines | D5000 PC

D5000 PC Drip Line - 20 mm / 45 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	45	1,0	30	300	21 600	Custom	101038854	0,6050
20	Black ●	45	1,0	40	300	21 600	Custom	101038855	0,5600
20	Black ●	45	1,0	50	300	21 600	Custom	101038856	0,5350
20	Black ●	45	1,0	60	300	21 600	Custom	101045099	0,5150
20	Black ●	45	1,0	75	300	21 600	Custom	101045100	0,5000
20	Black ●	45	1,5	30	300	21 600	Custom	101038859	0,6050
20	Black ●	45	1,5	40	300	21 600	Custom	101038860	0,5600
20	Black ●	45	1,5	50	300	21 600	Custom	101038861	0,5350
20	Black ●	45	1,5	60	300	21 600	Custom	101045101	0,5150
20	Black ●	45	1,5	75	300	21 600	Custom	101045102	0,5000
20	Black ●	45	1,5	100	300	21 600	Custom	101045103	0,4800
20	Black ●	45	2,0	30	300	21 600	Custom	101038864	0,6050
20	Black ●	45	2,0	40	300	21 600	Custom	101038349	0,5600
20	Black ●	45	2,0	50	300	21 600	Custom	101038490	0,5350
20	Black ●	45	2,0	60	300	21 600	Custom	101045104	0,5150
20	Black ●	45	2,0	75	300	7 200	Standard	101045105	0,5000
20	Black ●	45	2,0	100	300	21 600	Custom	101045106	0,4800
20	Black ●	45	3,5	50	300	21 600	Custom	101045332	0,5350
20	Black ●	45	3,5	60	300	21 600	Custom	101049465	0,5150
20	Black ●	45	3,5	75	300	21 600	Custom	101049810	0,5000
20	Black ●	45	3,5	100	300	21 600	Custom	101047777	0,4800

Drip Lines | D5000 PC

D5000 PC Drip Line - 20 mm / 47 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	47	1,0	50	300	21 600	Custom	101038867	0,5500
20	Black ●	47	1,5	50	300	21 600	Custom	101038872	0,5500
20	Black ●	47	2,0	60	300	21 600	Custom	101045112	0,5325
20	Black ●	47	2,0	100	300	21 600	Custom	101045114	0,4975

D5000 PC Drip Line - 22 mm / 15 mil									06
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
22	Black ●	15	1,0	30	800	22 400	Custom	101028217	0,4225
22	Black ●	15	1,0	40	800	22 400	Custom	101038945	0,3800
22	Black ●	15	1,0	50	800	22 400	Custom	101038946	0,3500
22	Black ●	15	1,5	30	800	22 400	Custom	101038949	0,4225
22	Black ●	15	1,5	40	800	22 400	Custom	101038950	0,3800
22	Black ●	15	1,5	50	800	22 400	Custom	101038951	0,3500
22	Black ●	15	2,0	30	800	22 400	Custom	101038954	0,4225
22	Black ●	15	2,0	40	800	22 400	Custom	101038955	0,3800
22	Black ●	15	2,0	50	800	22 400	Custom	101038956	0,3500

Drip Lines | D5000 PC

D5000 PC Drip Line - 22 mm / 25 mil									06
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
22	Black ●	25	1,0	50	500	28 000	Custom	101038880	0,4000
22	Black ●	25	1,5	50	500	28 000	Custom	101038885	0,4000
22	Black ●	25	2,0	40	500	28 000	Custom	101038889	0,4300
22	Black ●	25	2,0	50	500	28 000	Custom	101038890	0,4000

D5000 PC Drip Line - 23 mm / 40 mil									06
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
23	Black ●	40	1,5	50	350	25 200	Custom	101038900	0,5450
23	Black ●	40	2,0	40	350	25 200	Custom	101038904	0,5700
23	Black ●	40	2,0	50	350	25 200	Custom	101038905	0,5450
23	Black ●	40	2,0	60	350	25 200	Custom	101040221	0,5275

Drip Lines | D5000 AS

D5000 AS			Price in € per meter							6
			Spacing (cm)							
Dia	Wall thickness (mil)	Roll Length (in m)	20	30	40	50	60	75	100	150
16	35	400	0,5400							
	35	500		0,4675	0,4200	0,3940			0,3400	
	40	400	0,5775	0,5050	0,4575	0,4300	0,4150	0,3950	0,3725	0,3550
20	40	350	0,6825		0,5175	0,5150		0,4775		
	45	300		0,6450	0,5875	0,5625	0,5400	0,5250	0,5050	0,4900

D5000 AS Drip Line - 16 mm / 35 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	35	1,5	30	500	28 000	Custom	101049638	0,4675
16	Black ●	35	2,0	40	500	28 000	Custom	101049111	0,4200

D5000 AS Drip Line - 16 mm / 40 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Black ●	40	1,0	20	400	22 400	Custom	101049639	0,5775
16	Black ●	40	1,0	75	400	22 400	Custom	101049819	0,3950
16	Black ●	40	1,5	20	400	22 400	Custom	WT15693	0,5775
16	Black ●	40	1,5	50	400	22 400	Custom	101047955	0,4300
16	Black ●	40	1,5	75	400	22 400	Custom	101049955	0,3950
16	Black ●	40	2,0	40	400	22 400	Custom	101049113	0,4575
16	Black ●	40	2,0	50	400	22 400	Custom	101049114	0,4300
16	Black ●	40	2,0	60	400	22 400	Custom	101049115	0,4150
16	Black ●	40	2,0	75	400	22 400	Custom	101049116	0,3950
16	Black ●	40	2,0	100	400	22 400	Custom	101048296	0,3725
16	Black ●	40	2,0	150	400	22 400	Custom	101047741	0,3550

Drip Lines | D5000 AS

D5000 AS Drip Line - 20 mm / 40 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	40	1,0	50	350	19 600	Custom	101048257	0,5150
20	Black ●	40	1,5	50	350	19 600	Custom	101047559	0,5150
20	Black ●	40	2,0	75	350	19 600	Custom	101048491	0,4775

D5000 AS Drip Line - 20 mm / 45 mil									6
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
20	Black ●	45	2,0	50	300	21 600	Custom	101049118	0,5625
20	Black ●	45	2,0	60	300	21 600	Custom	101049119	0,5400
20	Black ●	45	2,0	100	300	21 600	Custom	101049121	0,5050

Drip Lines | D5000 AS

Esthetical and long-lasting landscape irrigation solution

Features:

- Pressure compensated cylindrical drippers - Highly accurate floating diaphragm - maintains constant flow rate at variable inlet pressure
- Emitter highly resistant to clogging even in low flow rates due to: Double Large Inlet Filter, Large Cross Section Labyrinth, Two Water Outlets Holes
- 33 cm dripper spacing and 2,2 lph flow rate especially recommended for lanscape applications
- Heavy wall thickness (40 or 45mil) for long lasting installation

Benefits:

- Precise and reliable water and fertilizer application along the hedge/flowerbeds
- Ideal for sloping fields and long run-lengths
- Discrete colours (green or brown) to fit perfectly within landscape
- Long lasting installation (improved resistance to pedestrians, animals and insects attacks)



Crop Applications

- Multiseasonal / permanent landscape & garden applications
- Ornamental flowers, plants

How to use

- In non PC and PC field conditions (Ideal for sloping / undulating fields and/or long run lengths)
- On-surface
- Hanging/suspended

Use with

Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.

Drip Lines | HydroBloom PC

Technical Data HydroBloom PC

Operating pressure range: 0,8 - 3,5 bar

Technical Data HydroBloom Hydrogol Drippers

Operating pressure range: 1,0 bar

Pressure (for flow rate calculation): 1,0 bar

Filtration requirements: (Based on l/h/dripper)

l/h	Micron	Mesh
≤ 1,20	100	150
> 1,20	130	120

Filtration requirement is dependent on a number of factors. Please consult with an irrigation specialist for filtration requirements for your specific application



Purchasing Information HydroBloom

In loose pack and can be packaged by pallets upon request with additional fees

Rolls length	Rolls per pallet
25 m	60
50 m	40
100 m	48
400 m	10

Container Quantities (Pallets)

Diameter (Roll Length)	Tautliner (13,7 m)	20'	40'	40' HC
25 m	48	20	44	44
50 m	48	20	44	44
100 m	20	8	18	18
400 m	30	10	24	24

Drip Lines | HydroBloom PC

HydroBloom Drip line- Hydro PC Drippers									5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
16	Brown ●	45	2,2	33	400	30 000	Custom	101010017	0,5600
16	Brown ●	45	2,2	50	400	30 000	Custom	101009005	0,5000
16	Brown ●	45	2,2	33	100	28 800	Custom	101010044	0,6000
16	Brown ●	45	2,2	33	50	30 000	Custom	101010018	0,6500
16	Brown ●	45	2,2	33	25	30 000	Custom	101010019	0,7500

HydroBloom ECO Drip line- Hydro PC Drippers									Eco	5
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Brown ●	40	2,2	50	400	30 000	Custom	101009330	0,4425	
16	Eco Brown ●	40	2,2	33	100	28 800	Custom	101009311	0,5250	
16	Eco Brown ●	45	2,2	33	400	30 000	Custom	101009299	0,5400	
16	Eco Brown ●	45	2,2	33	100	28 800	Custom	101009297	0,5500	
16	Eco Brown ●	45	2,2	50	100	28 800	Custom	101009298	0,5300	
16	Eco Brown ●	45	2,2	33	50	30 000	Custom	101009337	0,6000	
16	Eco Brown ●	45	2,2	33	25	30 000	Custom	101040214	0,7300	

Drip Lines | HydroBloom PC

HydroBloom Drip line- Hydrogol Dridders									4
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)
8	Brown ●	32	1,2	15	1000	30 000	Custom	101002532	0,2900
8	Brown ●	32	1,2	30	1000	30 000	Custom	101002472	0,2850
16	Brown ●	40	2,0	33	100	28 800	Custom	101012776	0,3800
16	Brown ●	45	2,0	30	100	28 800	Custom	101024661	0,4300
16	Brown ●	45	2,0	33	100	28 800	Custom	101025445	0,4200
16	Brown ●	45	2,0	50	100	28 800	Custom	101024665	0,3900
16	Brown ●	45	2,0	30	50	30 000	Custom	101024662	0,5800
16	Brown ●	45	2,0	33	50	30 000	Custom	101025635	0,5600
16	Brown ●	45	2,0	50	50	30 000	Custom	101024666	0,4950
16	Brown ●	45	2,0	33	25	30 000	Custom	101025634	0,5900

HydroBloom ECO Drip line- Hydrogol Dridders									Eco	4
Dia.	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number	Price	
		(mil)	(l/h)	(cm)	(m)	(m)			(EUR/m)	
16	Eco Brown ●	45	2,0	33	50	30 000	Custom	101010867	0,4500	
16	Eco Brown ●	45	2,0	33	25	30 000	Custom	101010866	0,5450	

Note: Available in brown and green.










Drip Lines | Connectors

Reliable Connections

Rivulis is making a good connection in the field with the insert drip line fittings. From an extensive line of barb fittings, reducers, elbows, and adapters, we've got the fitting for you. Because the fittings are so well engineered, they create good seals and have a grip that's hard to break.

The insert drip line fittings are available in multiple sizes, matching up with 8, 12, 16, 17, and 20 mm drip line and hose sizes. From the connection to the manifold or to the end of the line, we've got you covered.



Drip Line Fittings Categories			
<p>Start Connectors</p> 	<p>Couplings</p> 	<p>8 mm Fittings</p> 	<p>Barbed X Male Threaded Tee</p> 
<p>Barb x Male Thread</p> 	<p>Barb x Barb Elbow</p> 	<p>Barb x Male Thread Elbow</p> 	<p>Barb x Barb Tee</p> 
<p>Hydroclip</p> 	<p>Line End Clamps</p> 		

Drip Lines | Connectors

Packaging information		BOX	
		Quantity (units)	Weight (kg.)
101003880	BARBED GREEN COUPLING 8x8	20 000	16,3
101030574	BARBED BROWN COUPLING 8x8		
101003973	BARBED TEE 8x8x8 GREEN	13 000	13,8
101030610	BARBED TEE 8x8x8 BROWN		


Packaging information		BOX	
		Quantity (units)	Weight (kg.)
Barb Coupling			
101001887	Barbed Coupling 12X12 Black	2 500	12,3
101001889	Barbed Coupling 16X16 S Green	2 000	10,5
101001965	Barbed Coupling 17X17 Green	1 500	13,7
101001888	Barbed Coupling 20X20 Black	1 000	9,7
Reducing Barbed Coupling			
101003908	Reducing Barbed Coupling 12X16 Green	1 500	9,6
101001970	Reducing Barbed Coupling 16X17 Green	1 500	12,8
101003888	Reducing Barbed Coupling 16X20 Green	1 000	8,7
101003895	Reducing Barbed Coupling 17X20 Green	1 000	9,3

Drip Line Fittings - Start Connectors

18

Image	Description	Minimum Order Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)
			(bag)			(each)	(bag)
	Barbed Start Connector Black 12 mm - Multi barb	500	500	Custom	101001883	0,2200	110,00
	Barbed Start Connector Green 16 mm S - Multi barb	500	500	Standard	101001885	0,2400	120,00
	Barbed Purple Start Connector 16 mm	500	500	Custom	101030542	0,2800	140,00
	Barbed Start Connector Green 17 mm - Multi barb	500	500	Standard	101003837	0,3100	155,00
	Barbed Start Connector Black 20 mm - Multi barb	500	500	Standard	101001884	0,3300	165,00
	12,16,17,20 Start Connector Grommet	500	500	Standard	101001886	0,1950	97,50

Drip Lines | Connectors


Drip Line Fittings - Couplings, Reducing Couplings							18
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)
			(bag)			(each)	(bag)
	Barbed Coupling Connector Black 12X12 mm- Multi Barb	500	500	Standard	101001887	0,3400	170,00
	Barbed Coupling Connector Green 16X16 mm S - Multi Barb	500	500	Standard	101001889	0,2400	120,00
	Barbed Coupling Connector Purple 16X16 mm - Multi Barb	500	500	Custom	101030569	0,4400	220,00
	Barbed Coupling Connector Green 17X17 mm - Multi Barb	500	500	Standard	101001965	0,3400	170,00
	Barbed Coupling Connector Black 20X20 mm - Multi Barb	500	500	Standard	101001888	0,3400	170,00
	Barbed Coupling Connector Black 25X25 mm - Multi Barb	100	100	Custom	101003865	1,0085	100,85
	Barbed Reducing Coupling Green 16X12 - Multi Barb	500	500	Standard	101003908	0,2600	130,00
	Barbed Reducing Coupling Green 17X16 - Multi Barb	500	500	Standard	101001970	0,3300	165,00
	Barbed Reducing Coupling Green 20X16 - Multi Barb	500	500	Standard	101003888	0,3400	170,00
	Barbed Reducing Coupling Green 20X17 - Multi Barb	500	500	Standard	101003895	0,3500	175,00

Drip Lines | Connectors



Drip Line Fittings - 8 mm Fittings							18
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)
			(bag)			(each)	(bag)
	8 mm Insert Coupling - Green	500	500	Custom	101003880	0,1500	75,00
	8 mm Insert Coupling - Brown	500	500	Custom	101030574	0,1300	65,00
	8 mm Insert Elbow - Brown	500	500	Custom	101030604	0,5100	255,00
	8 mm Insert Elbow - Green	100	100	Custom	101003938	0,4150	41,50
	8 mm Insert Tee - Green	100	100	Custom	101003973	0,2200	22,00
	8 mm Insert Tee - Brown	500	500	Custom	101030610	0,2650	132,50
	8 mm X 3/8" THM Adapter - Brown	500	500	Custom	101030602	0,6100	305,00
	8 mm x 1/2" THM Adapter - Brown	500	500	Custom	101030600	0,6300	315,00

Drip Line Fittings - Barb x Male Thread						18
Image	Description	Minimum Order Qty	Order Status	Item Number	Price (Euro)	
					(each)	
	Adapter Barbed 12 X 1/2" Male Threaded Black	100	Custom	101003912	0,6850	
	Adapter Barbed 12 X 3/4" Male Threaded Black	1 100	Custom	101003913	0,6850	
	Adapter Barbed 16 X 1/2" Male Threaded Black	1 200	Custom	101003914	0,7340	
	Adapter Barbed 16 X 3/4" Male Threaded Black	900	Custom	101003915	0,7340	
	Adapter Barbed 17 X 3/4" Male Threaded Brown	100	Custom	101003916	0,7325	
	Adapter Barbed 20 X 1/2" Male Threaded Black	100	Custom	101003917	0,7550	
	Adapter Barbed 25 X 3/4" Male Threaded Black	100	Custom	101003919	0,8750	

Drip Lines | Connectors








Drip Line Fittings - Barb x Female Thread					18
Image	Description	Minimum Order Qty	Order Status	Item Number	Price (Euro)
					(each)
	Adapter Barbed 20X3/4" Female Threaded Black	100	Custom	101003920	1,3325

Drip Line Fittings - Barb x Barb Elbows					18
Image	Description	Minimum Order Qty	Order Status	Item Number	Price (Euro)
					(each)
	Barbed Elbow Black 12 - MultiBarb	500	Standard	101003927	0,8325
	Barbed Elbow Black 16 - MultiBarb	1 800	Standard	101003928	0,6255
	Barbed Elbow Black 17 - MultiBarb	100	Custom	101003929	0,6250
	Barbed Elbow Black 20 - MultiBarb	900	Custom	101003930	1,0400


Drip Line Fittings - Barb x Male Thread Elbow					18
Image	Description	Minimum Order Qty	Order Status	Item Number	Price (Euro)
					(each)
	Elbow Barbed 16X3/4" THM Black	1 300	Custom	101003950	0,4450
	Elbow Barbed 20x3/4" THM Black	700	Custom	101003953	0,5425





Drip Lines | Connectors

Drip Line Fittings - Barb x Male Threaded X Barb Tee					18
Image	Description	Minimum Order Qty	Order Status	Item Number	Price (Euro)
					(each)
	Barbed X Male Threaded Tee 16X3/4"X16- MultiBarb	850	Custom	101003993	0,6895
	Barbed X Male Threaded Tee 17X3/4"X17- MultiBarb	850	Custom	101003995	0,7160
	Barbed X Male Threaded Tee 20X3/4"X20- MultiBarb	550	Custom	101003997	0,7300

Drip Line Fittings - Barb x Barb Tee, Reducing Barb x Barb Tee					18
Image	Description	Minimum Order Qty	Order Status	Item Number	Price (Euro)
					(each)
	Barbed Tee Black 12X12X12- MultiBarb	500	Custom	101003960	0,8750
	Barbed Tee Black 16X16X16- MultiBarb	1 000	Standard	101003961	0,8170
	Barbed Tee Brown 17X17X17- MultiBarb	1 000	Custom	101003962	0,7985
	Barbed Tee Black 20X20X20- MultiBarb	650	Custom	101003963	1,1875
	Barbed Tee Black 25X25X25- MultiBarb	550	Custom	101003964	1,3700
	Barbed Reducing Tee 12X16X12- MultiBarb	1 800	Custom	101003974	0,5500
	Barbed Reducing Tee 16X20X16- MultiBarb	900	Custom	101003976	0,5200

Drip Lines | Connectors

Drip Line Fittings - Hydroclip									18
Image	Description	Minimum Order Qty	Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)	Price (Euro)
			(bag)	(box)			(each)	(bag)	(box)
	Hydroclip (Blue) - works with 16 mm Hydrogol, Hydro PC /PCND drip lines	500	5 000	20 000	Standard	101003164	0,1050	525,00	2 100,00
	Hydroclip (Red) - works with 17 mm/20 mm Hydrogol, Hydro PC /PCND drip lines	500	5 000	20 000	Standard	101003163	0,1050	525,00	2 100,00

Drip Line Fittings - Bloompeg									18
Image	Description	Minimum Order Qty	Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)	Price (Euro)
			(bag)	(box)			(each)	(bag)	(box)
	Bloompeg 8 mm Green	50	50	50	Custom	101028196	0,2125	10,63	10,63
	Bloompeg 8 mm Brown	50	50	50	Custom	101028195	0,2125	10,63	10,63
	Bloompeg 12 mm Green	50	50	50	Custom	101028197	0,2125	10,63	10,63
	Bloompeg 12 mm Brown	50	50	50	Custom	101028198	0,1500	7,50	7,50

Drip Lines | Connectors

Drip Line Fittings - Line End Clamps							18
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)
			(bag)			(each)	(bag)
	Line End Clamp 12 mm	500	500	Standard	101045207	0,0925	46,25
	Line End Clamp 16 mm	500	500	Standard	101045208	0,1075	53,75
	Line End Clamp 17 mm	500	500	Custom	101045209	0,1245	62,25
	Line End Clamp 20 mm	500	500	Custom	101045210	0,1385	69,25

Drip Line Fittings - Hydrofits - Connectors for Hydrodrip 16/18							18
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number	Price (Euro)	Price (Euro)
			(bag)			(each)	(bag)
	Line End Hydrofit 16/18	1 000	1 000	Standard	101004030	0,4150	415,00
	Hydrofit Start Connector 16/18	1 000	1 000	Standard	101010552	0,4100	410,00
	Hydrofit Barbed Coupling-1 Ring 16X16/18	1 000	1 000	Custom	101010553	0,4100	410,00
	Hydrofit Coupling 16/18	1 000	1 000	Custom	101003881	0,3300	330,00

Drip Lines | Fast Ring Connectors

NEW

Reliable installation accomplished in record time

Features:

- High quality connectors suitable for 6–25 mil (0.15–0.64 mm) seamless drip lines
- High quality UV resistant construction
- A large, easy to tighten nut that fixes effortlessly to your drip line.
- Various models available to connect thin and medium unseamed drip lines to PVC, PE or layflat sub-main lines

Benefits:

- Save energy and time : Advanced sealing mechanism for installation accomplished in record time
- Reliability: designed for maximum adhesion and prevent any leak
- Versatility: One ring for a wider range of wall thickness
- Great value at a great price



How to use










- On-surface
- Under plastic mulch
- Sub surface (5–10 cm)

Use with

- Suitable for seasonal or permanent drip line system
- Broad range of size and shape of connectors to seal 16mm and 22mm drip lines
- Suitable for 6–25 mil (0.15–0.64 mm) seamless drip lines including D900, D1000, D1500, D5000 PC, D5000 AS and Hydrodrip
- Not suitable for Rivulis T-Tape, Ro-Drip or other drip tapes that feature a seam in their construction.



Drip Lines | Fast Ring Connectors

16 mm Diameter Drip Line Connectors									18
Image	Description	Product Information	Bag Quantity	Box Quantity	Min. Qty.	Order Status	Item Number	Price €	Price €
					(Ea)			(each)	(box)
	Coupling fast ring 16mm		100	800	800	Standard	101051859	0,4300	344,00
	Adaptor barb 16mm x fast ring 16mm	Barb suitable for 40 mil (0,1 mm) and above	100	1 100	1 100	Standard	101051860	0,4300	473,00
	Adaptor barb 20mm x fast ring 16mm	Barb suitable for 45 mil (1,1 mm) and above	50	800	800	Custom	101051889	0,4980	398,40
	Start connector with gasket, from PVC or PE pipe, fast ring 16mm	Install into PVC with gasket by drilling a 15mm hole with DR-15 (101001353) and insert with R4-R, simple inserter (101003343)	100	800	800	Custom	101051891	0,6920	553,60
	Gasket for start connector, from PVC or PE pipe, fast ring	Gasket for the start connector above (101051891)	100	3 600	3600	Standard	101051884	0,2770	997,20
	Start connector fast ring 16mm, from PE pipe	Install into PE by drilling a 12mm hole with DR-12 (101051466) and insert with R4-R, simple inserter (101003343)	100	1 200	1200	Custom	101051892	0,4430	531,60
	Line end fast ring 16mm		100	1 400	1400	Custom	101051907	0,4300	602,00
	Adaptor male threaded 1/2" x fast ring 16mm		100	900	900	Custom	101051908	0,5540	498,60
	Tee fast ring 16mm x 3/4" female threaded x fast ring 16mm		50	300	300	Custom	101051909	3,3220	996,60
	Tee fast ring 16mm x 1/2" male threaded x fast ring 16mm		50	350	350	Custom	101051910	1,2460	436,10







Drip Lines | Fast Ring Connectors






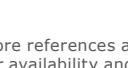
16 mm Diameter Drip Line Connectors									18
Image	Description	Product Information	Bag Quantity	Box Quantity	Min. Qty.	Order Status	Item Number	Price €	Price €
					(Ea)			(each)	(box)
	Elbow fast ring 16mm x 1/2" male threaded		50	700	700	Custom	101051911	1,1070	774,90
	Start connector for layflat fast ring 16mm	Install into layflat by cutting a 14mm hole with LFC14 layflat cutter (101001118) and insert with 10mm hex (101051919)	100	500	500	Custom	101051912	0,8860	443,00
	Valve coupling fast ring 16mm x fast ring 16mm		100	300	300	Custom	101051913	1,4530	435,90
	Valve adaptor fast ring 16mm x male threaded 1/2"		50	400	400	Custom	101051914	1,2450	498,00
	Valve adaptor fast ring 16mm x male threaded 3/4"		50	350	350	Custom	101051915	1,2460	436,10
	Valve adaptor fast ring 16mm x barb 16mm	Barb suitable for 40 mil (1,0 mm) and above	50	350	350	Custom	101051916	1,2870	450,45
	Valve start connector fast ring 16mm, from PE pipe	Install into PE by drilling a 12mm hole with DR-12 (101051466) and insert with R4-R, simple inserter (101003343)	50	400	400	Custom	101051917	1,3420	536,80
	Valve start connector for layflat fast ring 16mm	Install into layflat by cutting a 14mm hole with LFC14 layflat cutter (101001118) and insert with 10mm hex. First insert the start connector and then thread the valve.	50	300	300	Custom	101051918	1,9380	581,40

Drip Lines | Fast Ring Connectors

22 mm Diameter Drip Line Connectors									18
Image	Description	Product Information	Bag Quantity	Box Quantity	Min. Qty.	Order Status	Item Number	Price €	Price €
					(Ea)			(each)	(box)
	Coupling fast ring 22mm		50	450	450	Standard	101051885	0,8300	373,50
	Adaptor barb 20mm x fast ring 22mm	Barb suitable for 45 mil (1,1 mm) and above	50	600	600	Custom	101051886	0,7480	448,80
	Start connector with gasket, from PVC or PE pipe, fast ring 22mm	Install into PVC with gasket by drilling a 15mm hole with DR-15 (101001353) and insert with R4-R, simple inserter (101003343)	100	600	600	Custom	101051880	1,1210	672,60
	Gasket for start connector, from PVC or PE pipe, fast ring	Gasket for the start connector above (101051880)	100	3 600	3600	Standard	101051884	0,2770	997,20
	Start connector fast ring 22mm, from PE pipe	Install into PE by drilling a 12mm hole with DR-12 (101051466) and insert with R4-R, simple inserter (101003343)	100	700	700	Standard	101051881	0,7200	504,00
	Start connector XL fast ring 22mm	Install into PE by drilling a 18mm hole with DR-18 (101028533) and insert with R4-R, simple inserter (101003343)	100	700	700	Standard	101051882	0,8300	581,00
	Line end fast ring 22mm		100	800	800	Custom	101051883	0,6250	500,00
	Adaptor male threaded 1/2" x fast ring 22mm		50	550	550	Custom	101051888	0,6920	380,60
	Adaptor male threaded 3/4" x fast ring 22mm		50	500	500	Custom	101051890	0,7610	380,50
	Tee fast ring 22mm x 3/4" female threaded x fast ring 22mm		50	250	250	Custom	101051893	3,7370	934,25
	Tee fast ring 22mm x 1/2" male threaded x fast ring 22mm		50	250	250	Custom	101051894	2,5000	625,00
	Elbow fast ring 22mm x 1/2" male threaded		50	500	500	Custom	101051895	1,7300	865,00
	Start connector for layflat fast ring 22mm	Install into layflat by cutting a 14mm hole with LFC14 layflat cutter (101001118) and insert with 10mm hex (101051919)	50	400	400	Custom	101051897	1,3840	553,60

Drip Lines | Fast Ring Connectors

22 mm Diameter Drip Line Connectors									18
Image	Description	Product Information	Bag Quantity	Box Quantity	Min. Qty.	Order Status	Item Number	Price €	Price €
					(Ea)			(each)	(box)
	Valve coupling fast ring 22mm x fast ring 22mm		50	250	250	Custom	101051898	1,6610	415,25
	Valve adaptor fast ring 22mm x male threaded 1/2"		50	300	300	Custom	101051901	1,3010	390,29
	Valve adaptor fast ring 22mm x male threaded 3/4"		50	250	250	Custom	101051902	1,3010	325,24
	Valve adaptor fast ring 22mm x barb 20mm	Barb suitable for 45 mil (1,1mm) and above	50	250	250	Custom	101051903	1,8000	450,00
	Valve start connector fast ring 22mm, from PE pipe	Install into PE by drilling a 12mm hole with DR-12 (101051466) and insert with R4-R, simple inserter (101003343)	50	350	350	Custom	101051904	1,4670	513,45
	Valve start connector for layflat fast ring 22mm	Install into layflat by cutting a 14mm hole with LFC14 layflat cutter (101001118) and insert with 10mm hex. First insert the start connector and then thread the valve.	50	250	250	Custom	101051906	2,0760	519,00

Fast Ring - Tools							21
Image	Description	Product Information	Minimum Order Qty	Order Status	Item Number	Price (Euro)	
						(bag)	
	Drill Bit - 12 mm (DR - 12)	Suitable for PE. Use for start connector fast ring 16mm (101051892) and 22mm (101051881)	1	Custom	101051466	Consult	
	Drill Bit - 15 mm (DR - 15)	Suitable for PE or PVC. Use for start connector with gasket, 16mm (101051891) and 22mm (101051880)	1	Custom	101001353	33,0000	
	Drill Bit - 18 mm (DR - 18)	Suitable for PE. Use for start connector XL Fast ring 22mm (101051882)	1	Custom	101028533	29,3264	
	Inserter for start connector	Used for inserting the gaskets into place	1	Standard	101003343	11,9500	
	14 mm Layflat cutter	Used for cutting layflat	1	Standard	101001118	92,0000	
	Layflat plastic driver hex 10mm for fast ring	Used to insert the layflat start connectors into hole cut into the layflat	1	Custom	101051919	Consult	

Layflat & Tubing

Layflat & Tubing



Versatility and durability in one

Features

- Blue or Green layflat models= standard pressure
- Red colored layflat model = high pressure
- Premium resins
- Portable
- Reduced elongation and rotation
- When not in service (empty) H5000 is pedestrian and tractor wheels proof

Benefits:

- Save time : easy to roll / unroll on ground surface, end your installation in record time
- Save time: improved movement of machinery in the field - less tractor turns
- Multiseasonal and Long-lasting equipment



How to use

- Applications include transfer lines, sub-main lines, and discharge line

Use with

The Drip Tape Fittings and drip line



1 - H5100 Layflat Standard



2 - H5150 Layflat Standard



3 - H5200 Layflat High Pressure

Layflat & Tubing | H5000 - H5100 - H5200


H5100 Layflat - Standard (blue)											20
Image	Nominal Diameter		I.D. (mm)	Max. Operating Pressure (bar)	Wall Thickness (mm)	Roll Length (m)	Roll Weight (kg)	Min. Qty.	Order Status	Item Number	Price € (each)
	(inch)	(mm)									
	1,5	40	41	4,9	1,25	100	21	1	Custom	101001068	106,00
	2	50	53	4,4	1,30	100	28	1	Standard	101001070	138,00
	2,5	63	66	3,9	1,50	100	36	1	Custom	101001002	197,00
1	3	75	78	3,9	1,70	100	54	1	Standard	101001073	266,00
	4	100	104	3,9	1,75	100	71	1	Standard	101001075	357,00
	5	125	128	2,9	1,85	100	94	1	Standard	101001018	488,00
	6	150	155	2,9	1,95	100	118	1	Standard	101001078	604,00








H5150 Layflat - Standard (green)											20
Image	Nominal Diameter		I.D. (mm)	Max. Operating Pressure (bar)	Wall Thickness (mm)	Roll Length (m)	Roll Weight (kg)	Min. Qty.	Order Status	Item Number	Price € (each)
	(inch)	(mm)									
2	1,5	40	38	7,0	1,50	100	24	1	Custom	101049774	126,00
	2	50	52	6,5	1,60	100	29	1	Custom	101051193	172,00
	3	75	78	5,0	1,60	100	46	1	Custom	101049512	293,00
	4	100	103	4,0	1,60	100	65	1	Custom	101049514	358,00
	5	125	128	4,0	1,80	100	88	1	Custom	101051194	495,00
	6	150	155	3,5	2,00	100	105	1	Custom	101049775	695,00

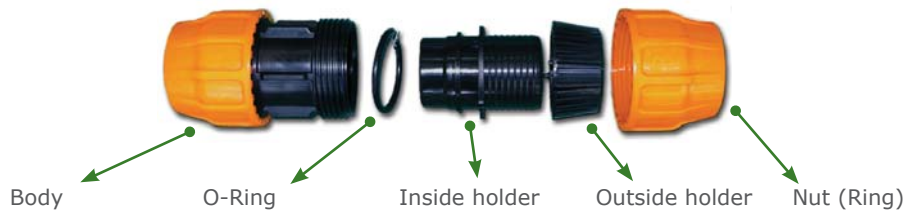
H5200 Layflat - High Pressure (Red)											20
Image	Nominal Diameter		I.D. (mm)	Max. Operating Pressure (bar)	Wall Thickness (mm)	Roll Length (m)	Roll Weight (kg)	Min. Qty.	Order Status	Item Number	Price € (each)
	(inch)	(mm)									
	1,5	40	40	10,3	1,90	100	29	1	Custom	101001067	215,00
	2	50	52,5	10,3	2,05	100	43	1	Custom	101001069	315,00
3	3	75	78,5	8,8	2,25	100	67	1	Standard	101001072	514,00
	4	100	104	8,8	2,55	100	101	1	Standard	101001074	772,00
	6	150	155	6,8	2,95	100	169	1	Custom	101001077	1315,00

Layflat & Tubing | Layflat Connectors


PRO-GRIP - Tape x Layflat							17
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm (5/8") Tape x Layflat	800	800	Standard	101001154	0,7100	568,00

T-Tape Fittings - Tape x Layflat							16
Image	Description	Min. Qty.	Qty.	Order Status	Item Number	Price €	Price €
		(Ea)	(box)			(each)	(box)
	16 mm Tape x Layflat Double	400	400	Standard	101000824	0,4740	189,60
	16 mm Tape x Layflat Single	400	400	Custom	101000825	0,3360	134,40
	22 mm Tape x Layflat Single	300	300	Standard	101000851	0,5360	160,80
	Layflat Mixer 3/4 Female (Drill Hole Ø 14 mm)	500	500	Custom	101000813	0,6610	330,50
	16 mm Tape x Layflat x Valve	200	200	Standard	101000826	0,7610	152,20

Layflat & Tubing | Layflat Connectors




LAYFLAT COUPLING										19
	Size	Pressure Max.	Product weight	Gross Box Weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €
	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
2" (50 mm) Ring	2" X 2"	10	0,39	29,4	6	6	Standard	WT15107	6,00	36,00
2 1/2" (65 mm) Ring	2,5" X 2,5"	10	0,62	26,0	5	5	Custom	WT15108	8,75	43,75
3" (75 mm) Ring	3" X 3"	10	0,98	26,8	2	2	Standard	WT15109	14,50	29,00
4" (100 mm) Ring	4" X 4"	6	1,73	29,0	2	2	Standard	WT15110	23,25	46,50
6" (150 mm) PVC	6" x 6"	4	4,75	19	1	1	Standard	101000258	30,75	30,75

LAYFLAT TEE										19
	Size	Pressure Max.	Product weight	Gross Box Weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €
	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
Tee 2" (50 mm) Ring	2" X 2" X 2"	10	0,60	25,4	4	4	Standard	WT15111	9,50	38,00
Tee 2 1/2" (65 mm) Ring	2,5" X 2,5" X 2,5"	10	0,96	24,4	3	3	Custom	WT15112	13,50	40,50
Tee 3" (75 mm) Ring	3" X 3" X 3"	10	1,53	22,8	1	1	Standard	WT15113	23,25	23,25
Tee 4" (100 mm) Ring	4" X 4" X 4"	6	2,69	25,6	1	1	Standard	WT15114	36,50	36,50


Layflat & Tubing | Layflat Connectors

Layflat Elbow										19
	Size	Pressure Max.	Product weight	Gross Box Weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €
	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
Elbow 2" (50 mm) Ring	2" X 2"	10	0,42	28,0	4	4	Standard	WT15115	6,60	26,40
Elbow 2 1/2" (65 mm) Ring	2,5" X 2,5"	10	0,65	24,8	4	4	Custom	WT15116	9,25	37,00
Elbow 3" (75 mm) Ring	3" X 3"	10	1,05	22,4	2	2	Standard	WT15117	16,00	32,00
Elbow 4" (100 mm) Ring	4" X 4"	6	1,80	21,2	1	1	Standard	WT15118	25,00	25,00
Elbow 6" (150 mm) Ring PVC	6" X 6"	4	5,21	20,85	1	1	Custom	101000288	Consult	Consult


Layflat End Caps										19
	Size	Pressure Max.	Product weight	Gross Box Weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €
	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
End cap 2" (50 mm) ring	2"	10	0,21	27,0	12	12	Standard	WT15119	3,75	45,00
End cap 2 1/2" (65 mm) ring	2,5"	10	0,34	29,6	6	6	Custom	WT15120	5,00	30,00
End cap 3" (75 mm) ring	3"	10	0,53	29,0	4	4	Standard	WT15121	8,50	34,00
End cap 4" (100 mm) ring	4"	6	0,91	30,4	4	4	Standard	WT15122	13,00	52,00
End cap 6" (150 mm) ring PVC	6"	4	4,60	28,0	50	50	Standard	101000309	19,00	950,00

Layflat Reducer Coupling										19
	Size	Pres. Max.	Product weight	Gross Box Weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €
	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
Reducer 2 1/2" X 2" (65 X 50 mm) Ring	2,5" X 2"	6	0,50	28,6	6	6	Custom	WT15129	12,35	74,10
Reducer 3" X 2 1/2" (75 X 65 mm) Ring	3" X 2,5"	10	0,93	27,4	2	2	Custom	WT15130	19,90	39,80
Reducer 4" X 3" (100 X 75 mm) Ring	4" X 3"	6	1,37	26,0	2	2	Standard	WT15131	22,90	39,00

Layflat & Tubing | Layflat Connectors

Layflat Male Threaded Adaptor										19
	Size	Pres. Max.	Product weight	Gross Box Weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €
	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
Description	(inch)		(Kg)	(kg)	(bag)	(Ea)			(each)	(bag)
Adaptor 2" Ring (50 mm) X Male Threaded 2" BSP (50 mm)	2" X 2"	10	0,22	26,0	10	10	Standard	WT15123	3,50	35,00
Adaptor 2 ^{1/2} " Ring (65 mm) X Male Threaded 2" BSP (50 mm)	2,5" X 2"	10	0,34	26,0	6	6	Custom	WT15124	4,90	29,40
Adaptor 2 ^{1/2} " Ring (65 mm) X Male Threaded 2 ^{1/2} " BSP (65 mm)	2,5" X 2,5"	10	0,34	26,0	6	6	Custom	WT15125	5,00	30,00
Adaptor 3" Ring (75 mm) X Male Threaded 3" BSP (75 mm)	3" X 3"	10	0,55	23,2	4	4	Standard	WT15126	8,30	33,20
Adaptor 4" Ring (100 mm) X Male Threaded 3" BSP (75 mm)	4" X 3"	6	0,93	23,6	4	4	Standard	WT15127	13,20	52,80
Adaptor 4" Ring (100 mm) X Male Threaded 4" BSP (100 mm)	4" X 4"	6	0,93	23,8	4	4	Standard	WT15128	13,20	52,80

Stainless Steel Hose Clamp							21
Description	Size	Min. Qty.	Order Status	Item number	Price €	Price €	Price €
	(inch)	(Ea)			(each)	(bag)	(box)
Stainless Steel Hose Clamp	6"	Consult	Custom	101000341	Consult	Consult	Consult

Layflat Fitting Spanner									21
	Size	Product weight	Qty.	Min. Qty.	Order Status	Item number	Price €	Price €	
	(inch)	(Kg)	(bag)	(Ea)			(each)	(bag)	
Description	(inch)	(Kg)	(bag)	(Ea)			(each)	(bag)	
Layflat Fitting Spanner	32-50 mm (2")	0,14	4	4	Custom	WT15164	2,00	8,00	
Layflat Fitting Spanner	63-110 mm (2,5"-4")	0,39	1	5	Standard	WT15165	5,90	5,90	

Layflat & Tubing | Layflat Connectors

Blind Pipe										19
Dia.	Class / Mil	Hose Color	OD	Max. Pressure	Nominal Wall thickness	Roll Length	Minimum Order Qty	Order Status	Item Number	Price
			(mm)	(bar)	(mm)	(m)	(m)			(EUR/m)
16	Class 2,5	Black ●	16,0-16,3	2,50	1,30	400	20000	Custom	101002192	0,3000
16	Class 4	Black ●	16,0-16,3	4,00	1,47	400	20000	Custom	101018191	0,3400
16	Class 4	White ○	16,0-16,3	4,00	1,47	400	Consult	Custom	101023662	0,3600
16	LDPE 16/40	White ○	Consult	Consult	Consult	400	Consult	Custom	101023716	Consult
16	LDPE 16/45	Black ●	15,9-16,1	3,5	1,14	400	Consult	Custom	101008309	0,2100
16	LDPE 16/45	Black ●	15,9-16,1	3,5	1,14	400	Consult	Custom	101018197	Consult
17	LDPE 17/47	Black ●	17,5-17,7	3,5	1,19	350	Consult	Custom	101018198	Consult
20	Class 2,5	Black ●	20,0-20,3	2,50	1,30	300	20100	Custom	101002193	0,4000
20	Class 4	Black ●	20,0-20,3	4,00	1,57	300	20100	Custom	101002199	0,4600
20	Class 4	White ○	20,0-20,3	4,00	1,57	300	Consult	Custom	101023676	0,5000
20	LDPE ECO 20/2,5	Black ●	Consult	Consult	Consult	30	Consult	Custom	101051201	0,3694
25	LDPE ECO 25/6	Black ●	Consult	Consult	Consult	25	Consult	Custom	101051202	0,6643
32	LDPE 32/4	Black ●	32,0-32,3	2,4	2,6	100	Consult	Custom	101002203	Consult

Drippers

Drippers



Drippers | Guide

Drippers quick reference guide

	Katif PC	E1000	Supertif PC	Supertif PCND	Supertif PCND-H
Flow Regulation	✓		✓	✓	✓
No-drain				✓	✓ (with high opening sealing pressure)
Flow Rates (lph) Based on nominal operating pressure	2,30, 3,75, 8,40	2,0, 4,0, 8,0	2,2, 3,85, 7,8, 12,0, 25,0	1,1, 2,2, 3,85, 7,8	1,6, 3,1, 11,0
Outlet Type	Top and side outlet options	Multi-function outlet (can be used with branching adaptors and tube)	Conic - for use with branching adaptors	Conic - for use with branching adaptors	Conic - for use with branching adaptors
			SLB (selected configurations) Straight barbed for 3 x 5 mm tube	SLB (selected configurations) Straight barbed for 3 x 5 mm tube	SLB (selected configurations) Straight barbed for 3 x 5 mm tube
Features	Low profile for use without tube or pegs	2-piece take-apart dripper for easy cleaning	Self-activated flushing mechanism	Self-activated flushing mechanism with no-drain feature to prevent water draining from drippers when water is shut-off	

Pressure compensated compact dripper

Features

- Compact design
- Pressure compensated with highly accurate flow regulating diaphragm
- Self flushing mechanism

Benefits

- Constant water flow rates over a wide pressure range
- Recommended for sloping and undulating terrain applications and long lateral run-lengths
- Ideal for when you want a dripper in field and there is a high risk of the drippers catching items when LDPE is moved
- Economic
- Precise delivery of water and nutrients
- Easy to instal



Crop Applications

Orchards, bananas, nuts, nursery and landscape, Greenhouse

How to use

- In non PC or PC field conditions (Ideal for sloping / undulating terrain and/or long run lengths)
- On-surface
- Under plastic mulch
- Hanging/suspended

Use with

Every spare part, stake, fitting and adaptor is in the accessories section

Drippers | Katif PC

Technical Data Katif PC		
Operating pressure range:	0,8 - 3,0 bar	
Use 2,8 mm Punch		
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
All Models	130	120
Purchasing Information Katif PC		
Box	47 X 37 X 26,5 cm	
Box Quantity	50 000	
Bag Quantity	10 000	
Weight	12,5 Kg	
Option		
Bags	1 000	



Katif PC - Top Outlet 3,75 l/h



Katif PC - Side Outlet 2,30 l/h

Katif PC Flow Regulated Dripper								9
Image	Base	Flow Rate	Outlet Color	Outlet Type	Min. Qty.	Order Status	Item Number	Price €
	(Color)	(l/h)						(each)
	Black ●	2,30	Black ●	Side Outlet	1 000	Standard	201000052	0,0505
	Black ●	3,75	Red ●	Side Outlet	1 000	Standard	201000053	0,0505
	Black ●	2,30	Black ●	Top Outlet	1 000	Standard	101003179	0,0505
1	Black ●	3,75	Red ●	Top Outlet	1 000	Standard	201000055	0,0505
	Black ●	8,40	Green ●	Top Outlet	1 000	Standard	201000056	0,0505
	Black ●	8,40	Green ●	Top and Side Outlet	1 000	Standard	201000054	0,0505

Drippers | Katif PC

Katif PC Flow Regulated Dripper – Maximum Lateral Run Length (m) – Flat Terrain

Nominal Flow Rate (lph)	Outlet Color	Hose Size		Pressure (bar)	Spacing Between Drippers (cm)					
		ID (mm)	OD (mm)		33	50	75	100	125	150
2,3	Black ●	9,8	12	1,0	23	34	47	61	72	–
				2,0	42	63	89	113	135	–
				3,0	52	76	108	137	165	–
		13,6	16	1,0	49	70	95	117	138	–
				2,0	91	129	178	222	263	–
				3,0	110	156	216	270	320	–
		15,2	17,8	1,0	62	86	117	145	172	–
				2,0	115	162	222	275	324	–
				3,0	138	196	270	336	395	–
		17,4	20	1,0	86	117	158	193	225	–
				2,0	162	223	299	366	428	–
				3,0	197	271	365	448	523	–
3,75	Red ●	9,8	12	1,0	1,0	25	35	44	52	–
				2,0	2,0	45	64	82	98	–
				3,0	3,0	53	76	97	117	–
		13,6	16	1,0	1,0	50	69	86	102	–
				2,0	2,0	93	129	161	191	–
				3,0	3,0	111	154	192	228	–
		15,2	17,8	1,0	1,0	63	85	106	125	–
				2,0	2,0	117	160	200	236	–
				3,0	3,0	139	192	239	281	–
		17,4	20	1,0	1,0	86	114	140	163	–
				2,0	2,0	162	218	268	312	–
				3,0	3,0	193	260	320	374	–
8,0	Green ●	9,8	12	1,0	–	15	20	26	31	36
				2,0	–	27	38	48	58	68
				3,0	–	33	47	59	71	83
		13,6	16	1,0	–	30	41	51	60	69
				2,0	–	57	78	97	114	131
				3,0	–	70	97	120	141	162
		15,2	17,8	1,0	–	38	52	64	75	86
				2,0	–	72	98	121	143	162
				3,0	–	89	122	150	176	201
		17,4	20	1,0	–	51	68	83	96	110
				2,0	–	95	128	157	184	209
				3,0	–	118	159	195	229	260

Drippers | E1000

Drippers | E1000

Can be disassembled and easily maintained in the field

Features

- Non-regulated dripper
- Take Apart Body (2-Piece Body)
- Large cross sectional flow path
- Multi-function port/ Low profile dripper
- Every pack of 1 000 drippers comes with a handy E1000 tool. This specially designed spanner allows you to pop open your E1000 dripper with ease. Once open, you have full access to the flow labyrinth allowing you to easily clean the dripper

Benefits

- Easy to use and maintain
- Superior clog resistance



Crop Applications

Orchards, bananas, nuts, nursery and landscape

How to use

- In non PC field conditions (Ideal for flat and/or short/medium run lengths)
- On-surface
- Under plastic mulch
- Hanging/suspended

Use with

- Every spare part, stake, fitting and adaptor is in the accessories section

Drippers | E1000

Technical Data E1000	
Operating pressure range:	0,8-2,0 bar
Pressure (for flow rate calculation):	1,0 bar
Use 2mm punch	
Filtration requirements: (Based on l/h/dripper)	
l/h	Micron
All Models	130
Mesh	
	120
Purchasing Information E1000	
Sold in bag quantities only.	
Bag quantity:	1 000



E1000 Dripper								10
Image	Base	Flow Rate	Outlet Color	Outlet Type	Min. Qty.	Order Status	Item Number	Price €
	(Color)	(l/h)						(each)
	Black ●	2,00	Brown ●	Multi-Port	1000	Standard	201013383	0,1200
	Black ●	4,00	Black ●	Multi-Port	1000	Standard	201013385	0,1200
1	Black ●	8,00	Green ●	Multi-Port	1000	Standard	201013386	0,1200

Easy cleaning

Every pack of 1 000 drippers comes with a handy E1000 tool. This specially designed spanner allows you to pop open your E1000 dripper with ease. Once open, you have full access to the flow labyrinth allowing you to easily clean the dripper.

E1000 Dripper Tool					8
Image		Min. Qty.	Order Status	Item Number	Price €
					(each)
	E1000 Dripper Maintenance Tool	1	Custom	101043997	0,5282

Drippers | E1000

E1000 – Maximum Lateral Run Length (m) – Flat Terrain Operating pressure: 1,0 bar

Flow Rate & Cover Color	Dripper Spacing	Pipe Diameter (Nominal/Inside Diameter, mm)							
		12/9,8		16/13,6		17,8/15,2		20/17,4	
(lph)	(cm)	7,5%– FV*	10%– FV*	7,5%– FV*	10%– FV*	7,5%– FV*	10%– FV*	7,5%– FV*	10%– FV*
2,0 (Brown)	30	27	30	53	60	68	76	89	101
	50	41	46	79	90	99	112	129	146
	100	70	79	130	147	160	182	206	233
4,0 (Black)	30	17	19	34	38	43	48	57	64
	50	26	29	50	57	63	71	82	93
	100	44	50	83	94	102	116	131	149
8,0 (Green)	30	11	12	21	24	27	31	36	41
	50	16	19	32	36	40	45	53	59
	100	28	31	53	60	65	74	84	95

* FV – Flow Variation

Highly precise water and fertilizer delivery

Features

Available in 3 models:

Supertif PC Pressure Compensated online Drippers

Supertif PCND : Pressure Compensated, No-Drain, Low sealing Pressure

Supertif PCND-H : Pressure Compensated, No-Drain, High sealing Pressure

- Self-activated flushing mechanism
- Premium quality of silicone membrane
- Manufactured with superior materials for a long life
- Two raised port outlets:
 - Conic - matches Rivulis Irrigation's 2 and 4-way branching adaptors
 - SLB - Straight barbed outlet, fits 3x5mm microtubes

Benefits

- Outstanding flow regulation for a water and fertilizer delivery with surgical precision
- Superior clog resistance
- Protects against suction of soil particles, sand or other debris
- Prevent water draining from driplines when water is shut off
- long lasting performance



Crop Applications

Supertif PC: Orchard, vinyard and landscape applications

Supertif PCND or PCND-H: Greenhouse, Orchard (new plantation), nursery, ULVI

How to use

- in PC or non PC field conditions
- On-surface /Hanging/suspended
- PCND or PCND-H: suitable for greenhouse pulse irrigation
- Master emitter

Use with

Every spare part, stake, fitting and adaptor is in the accessories section

Drippers | Supertif PC

Supertif PC – Product Specifications/Options

Product	Nominal Flow Rates (lph)	Outlet	Operating Pressure Ranges (bar)	Start Opening Pressure (bar)	Sealing Pressure (bar)
Supertif PC	2,2, 3,85, 7,8, 12,0, 25,0	Conic, barb*	0,6–3,5 (25 lph: 1,25–3,5)	—	—
Supertif PCND	1,1, 2,2, 3,85, 7,8	Conic, barb*	0,7–3,5	0,30	0,15
Supertif PCND-H	1,6, 3,1, 11,0	Conic, barb**,	1,2–3,5	0,50	0,35

* For barb 2,2 lph only

** For barb 3,1 lph only

Technical Data Supertif PC		
Operating pressure range:	0,6 - 3,5 bar	
Operating pressure range (25 lph dripper):	1,25 - 3,5 bar	
Use 2 mm Punch		
Filtration requirements:		
I/h	Micron	Mesh
All Models	130	120
Purchasing Information Supertif PC		
Bag Quantity	1 000	
Box Quantity	4 000	
Bag x Box	4 x 1000	
Box	47 X 37 X 26,5 cm	



Supertif PC SLB
Barb 2,20 l/h



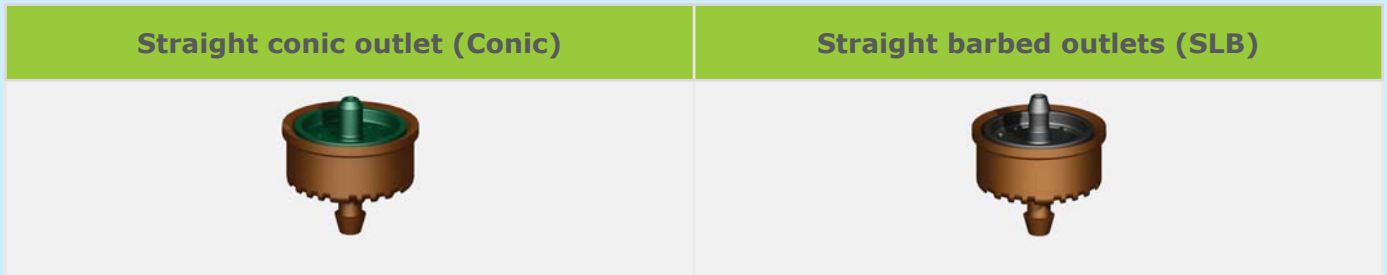
1. Supertif PC
- Conic, 25 l/h

Supertif PC Flow Regulated Dripper

8

Image	Base Color	Flow Rate (l/h)	Outlet Color	Outlet Type	Min. Qty.	Order Status	Item Number	Price € (each)
	Black ●	2,20	Brown ●	Conic	500	Standard	201000058	0,1616
	Black ●	3,85	Black ●	Conic	500	Standard	201000242	0,1616
	Black ●	7,80	Green ●	Conic	500	Standard	201000059	0,1616
	Black ●	12,00	Red ●	Conic	500	Standard	201000060	0,1616
1	Black ●	25,00	Orange ●	Conic	500	Standard	101003183	0,1616
	Black ●	2,20	Brown ●	Barb (SLB)	500	Custom	201000240	0,1535

Drippers | Supertif PC



Supertif PC Flow Regulated Dripper – Maximum Lateral Run Length (m) – 90% Emission Uniformity, Flat Terrain

Product	Nominal Flow Rate (lph)	Outlet Color*	Hose Size		Spacing Between Drippers (cm)					
			ID (mm)	OD (mm)	30	50	60	75	100	150
Supertif PC	2,2	Brown	9,8	12	51	79	91	108	135	183
			13,6	16	102	152	174	206	253	336
			15,2	17,8	129	191	217	255	312	411
			17,4	20	172	249	283	331	402	527
Supertif PC	3,85	Black	9,8	12	35	55	63	75	94	128
			13,6	16	71	106	121	143	176	234
			15,2	17,8	90	133	152	178	218	288
			17,4	20	120	174	198	231	281	369
Supertif PC	7,8	Green	9,8	12	22	35	40	48	60	81
			13,6	16	45	67	77	91	112	149
			15,2	17,8	57	84	96	113	139	183
			17,4	20	76	111	126	147	179	236
Supertif PC	12,0	Red	9,8	12	17	26	30	36	45	62
			13,6	16	34	51	58	69	85	113
			15,2	17,8	43	64	73	86	105	140
			17,4	20	58	84	95	112	136	179
Supertif PC	25,0	Orange	9,8	12	8	13	14	17	22	29
			13,6	16	16	25	28	33	40	54
			15,2	17,8	20	31	35	41	50	66
			17,4	20	28	41	46	53	65	86

Inlet Pressure 2,0 bar
* Base color: Black

Drippers | Supertif PCND

Technical Data Supertif PCND		
ND: No Drain		
Operating pressure range:		0,7 to 3,5 bar
Sealing pressure:		0,15 bar
Filtration requirements:		
I/h	Micron	Mesh
≤ 1,6	100	150
> 1,6	130	120
Purchasing Information Supertif PCND		
Bag Quantity		1 000
Box Quantity		4 000
Box	47 X 37 X 26,5 cm	



1. Supertif PCND Barb (SLB), 2,2 l/h

Supertif PCND Flow Regulated Dripper								8
Image	Base Color	Flow Rate	Outlet Color	Outlet Type	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						
	Brown ●	1,10	Grey ●	Conic	500	Custom	201000066	0,1616
1	Brown ●	2,20	Brown ●	Conic	500	Standard	201000061	0,1616
	Brown ●	3,85	Black ●	Conic	500	Standard	201000062	0,1616
	Brown ●	7,80	Green ●	Conic	500	Standard	201000064	0,1616
	Brown ●	2,20	Brown ●	Barb (SLB)	500	Standard	201000241	0,1535

Drippers | Supertif PCND

Supertif PCND Flow Regulated Dripper – Maximum Lateral Run Length (m) – 90% Emission Uniformity, Flat Terrain

Product	Nominal Flow Rate (lph)	Outlet Color*	Hose Size		Spacing Between Drippers (cm)					
			ID (mm)	OD (mm)	30	50	60	75	100	150
Supertif PCND	1,1	Grey	9,8	12	71	111	128	153	190	257
			13,6	16	143	214	245	289	355	470
			15,2	17,8	182	267	305	359	438	578
			17,4	20	242	350	398	464	564	738
Supertif PCND	2,2	Brown	9,8	12	45	71	81	98	122	164
			13,6	16	91	137	157	185	227	303
			15,2	17,8	116	171	196	230	281	371
			17,4	20	155	224	255	298	362	474
Supertif PCND	3,85	Black	9,8	12	32	49	56	68	85	116
			13,6	16	63	95	109	129	159	212
			15,2	17,8	81	119	136	160	196	260
			17,4	20	108	157	178	208	253	332
Supertif PCND	7,8	Green	9,8	12	20	31	36	43	53	72
			13,6	16	40	60	69	82	101	135
			15,2	17,8	51	76	86	102	125	165
			17,4	20	68	100	113	133	161	212

Inlet Pressure 2,0 bar

* Base color: Brown

Drippers | Supertif PCND-H

Technical Data Supertif PCND-H	
ND: No Drain	
H: High Pressure	
Operating pressure range:	1,2 to 3,5 bar
Sealing pressure:	0,35 bar
Filtration requirements:	
I/h	Micron
≤ 1,6	100
> 1,6	130
Mesh	
	150
	120
Purchasing Information Supertif PCND-H	
Bag Quantity	1 000
Box Quantity	4 000
Box	47 X 37 X 26,5 cm



Supertif PCND-H Flow Regulated Dripper								8
Image	Base Color	Flow Rate	Outlet Color	Outlet Type	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	Brown ●	1,60	Dark Grey ●	Conic	500	Custom	101011749	0,1616
3	Brown ●	3,10	Blue ●	Conic	500	Standard	101011750	0,1616
	Brown ●	11,00	Red ●	Conic	500	Custom	101011753	0,1616
	Brown ●	3,10	Blue ●	Barb (SLB)	500	Custom	101011754	0,1535

Drippers | Supertif PCND-H

Supertif PCND-H Flow Regulated Dripper – Maximum Lateral Run Length (m) – 90% Emission Uniformity, Flat Terrain

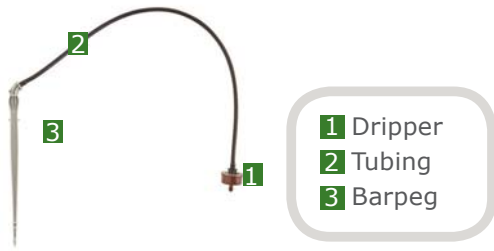
Product	Nominal Flow Rate (lph)	Outlet Color*	Hose Size		Spacing Between Drippers (cm)					
			ID (mm)	OD (mm)	30	50	60	75	100	150
Supertif PCND-H	1,6	Dark Grey	9,8	12	47	72	83	99	123	167
			13,6	16	93	139	160	188	231	306
			15,2	17,8	118	174	199	233	285	375
			17,4	20	157	228	259	302	367	482
Supertif PCND-H	3,1	Blue	9,8	12	30	47	55	65	81	110
			13,6	16	61	91	104	123	151	201
			15,2	17,8	77	114	130	152	187	246
			17,4	20	103	149	169	197	240	317
Supertif PCND-H	11,0	Red	9,8	12	13	21	24	29	35	48
			13,6	16	27	40	46	55	67	89
			15,2	17,8	34	50	57	68	83	110
			17,4	20	45	66	76	88	106	141

Inlet Pressure 2,0 bar

* Base color: Brown

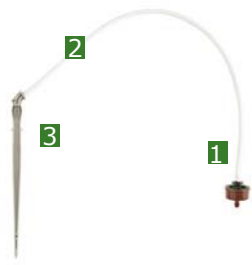
Drippers | Dripper Assemblies

Drippers | Dripper Assemblies



Single Peg Assemblies - Barpeg (Grey), Supertif PCND									8
Peg	Dripper	Flow Rate	Outlet Color	Tube	Tube Color	Min. Qty.	Order Status	Item Number	Price €
		(l/h)		(cm)					(each)
Barpeg	Supertif PCND Conic	1,10	Grey ●	40	Black ●	400	Custom	101041949	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	50	Black ●	400	Custom	101041953	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	60	Black ●	400	Custom	101041955	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	70	Black ●	400	Custom	101041959	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	80	Black ●	400	Custom	101041963	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	40	Black ●	400	Custom	101041967	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	50	Black ●	400	Custom	101041971	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	60	Black ●	400	Custom	101041975	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	70	Black ●	400	Custom	101041978	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	80	Black ●	400	Custom	101041981	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	40	Black ●	400	Custom	101041985	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	50	Black ●	400	Custom	101041989	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	60	Black ●	400	Custom	101041993	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	70	Black ●	400	Custom	101041997	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	80	Black ●	400	Custom	101042001	Consult
Barpeg	Supertif PCND SLB	2,20	Brown ●	40	Black ●	400	Custom	101042005	0,3232
Barpeg	Supertif PCND SLB	2,20	Brown ●	50	Black ●	400	Custom	101042009	0,3333
Barpeg	Supertif PCND SLB	2,20	Brown ●	60	Black ●	400	Custom	101042011	0,3434
Barpeg	Supertif PCND SLB	2,20	Brown ●	70	Black ●	400	Custom	101042013	0,3535
Barpeg	Supertif PCND SLB	2,20	Brown ●	80	Black ●	400	Custom	101042014	0,3636

Drippers | Dripper Assemblies



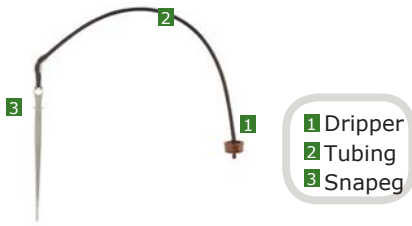
- 1 Dripper
- 2 Tubing
- 3 Barpeg



Supertif + White 3x5 tube + BarPeg

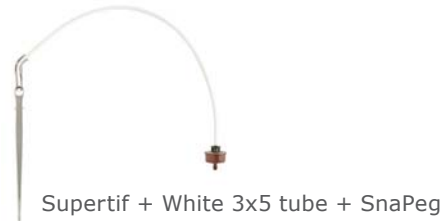
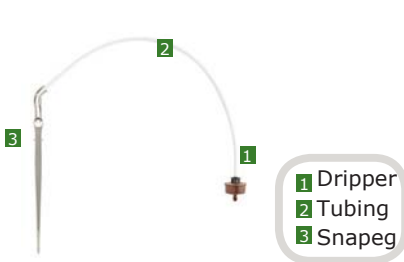
Single Peg Assemblies - Barpeg (Grey), Supertif PCND									8
Peg	Dripper	Flow Rate	Outlet Color	Tube	Tube Color	Min. Qty.	Order Status	Item Number	Price €
		(l/h)		(cm)					(each)
Barpeg	Supertif PCND Conic	1,10	Grey ●	40	White ○	400	Custom	101041947	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	50	White ○	400	Custom	101041951	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	60	White ○	400	Custom	101028359	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	70	White ○	400	Custom	101041957	Consult
Barpeg	Supertif PCND Conic	1,10	Grey ●	80	White ○	400	Custom	101041961	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	40	White ○	400	Custom	101041965	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	50	White ○	400	Custom	101041969	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	60	White ○	400	Custom	101041973	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	70	White ○	400	Custom	101041976	Consult
Barpeg	Supertif PCND Conic	3,85	Black ●	80	White ○	400	Custom	101041979	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	40	White ○	400	Custom	101041983	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	50	White ○	400	Custom	101041987	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	60	White ○	400	Custom	101041991	Consult
Barpeg	Supertif PCND Conic	8,00	Green ●	70	White ○	400	Custom	101041995	0,4444
Barpeg	Supertif PCND Conic	8,00	Green ●	80	White ○	400	Custom	101041999	Consult
Barpeg	Supertif PCND SLB	2,20	Brown ●	40	White ○	400	Custom	101042003	0,3535
Barpeg	Supertif PCND SLB	2,20	Brown ●	50	White ○	400	Custom	101042007	0,3636
Barpeg	Supertif PCND SLB	2,20	Brown ●	60	White ○	400	Custom	201003415	0,3737
Barpeg	Supertif PCND SLB	2,20	Brown ●	70	White ○	400	Custom	101028401	0,3838
Barpeg	Supertif PCND SLB	2,20	Brown ●	80	White ○	400	Custom	101040475	0,3939

Drippers | Dripper Assemblies



Single Peg Assemblies - Snapeg (Grey), Supertif PCND & NDH									8
Peg	Dripper	Flow Rate	Outlet Color	Tube	Tube Color	Min. Qty.	Order Status	Item Number	Price €
		(l/h)		(cm)					(each)
Snapeg	Supertif PCND Conic	1,10	Grey ●	40	Black ●	400	Custom	101041948	Consult
Snapeg	Supertif PCND Conic	1,10	Grey ●	50	Black ●	400	Custom	101041952	Consult
Snapeg	Supertif PCND Conic	1,10	Grey ●	60	Black ●	400	Custom	101041954	Consult
Snapeg	Supertif PCND Conic	1,10	Grey ●	70	Black ●	400	Custom	101041958	Consult
Snapeg	Supertif PCND Conic	1,10	Grey ●	80	Black ●	400	Custom	101041962	Consult
Snapeg	Supertif PCND-H Conic	3,10	Blue ●	60	Black ●	400	Standard	101040112	Consult
Snapeg	Supertif PCND Conic	3,85	Black ●	40	Black ●	400	Custom	101041966	Consult
Snapeg	Supertif PCND Conic	3,85	Black ●	50	Black ●	400	Custom	101041970	Consult
Snapeg	Supertif PCND Conic	3,85	Black ●	60	Black ●	400	Custom	101041974	0,4141
Snapeg	Supertif PCND Conic	3,85	Black ●	70	Black ●	400	Custom	101041977	Consult
Snapeg	Supertif PCND Conic	3,85	Black ●	80	Black ●	400	Custom	101041980	Consult
Snapeg	Supertif PCND Conic	8,00	Green ●	40	Black ●	400	Custom	101041984	Consult
Snapeg	Supertif PCND Conic	8,00	Green ●	50	Black ●	400	Custom	101041988	Consult
Snapeg	Supertif PCND Conic	8,00	Green ●	60	Black ●	400	Custom	101041996	Consult
Snapeg	Supertif PCND Conic	8,00	Green ●	70	Black ●	400	Custom	101042000	Consult
Snapeg	Supertif PCND Conic	8,00	Green ●	80	Black ●	400	Custom	101041992	Consult
Snapeg	Supertif PCND SLB	2,20	Brown ●	40	Black ●	400	Custom	101042004	0,3232
Snapeg	Supertif PCND SLB	2,20	Brown ●	50	Black ●	400	Custom	101042008	0,3333
Snapeg	Supertif PCND SLB	2,20	Brown ●	60	Black ●	400	Custom	101042010	0,3434
Snapeg	Supertif PCND SLB	2,20	Brown ●	70	Black ●	400	Custom	101042012	0,3535
Snapeg	Supertif PCND SLB	2,20	Brown ●	80	Black ●	400	Custom	101028373	0,3636

Drippers | Dripper Assemblies



Single Peg Assemblies - Snapeg (Grey), Supertif PCND & NDH

8

Peg	Dripper	Flow Rate	Outlet Color	Tube	Tube Color	Min. Qty.	Order Status	Item Number	Price €
		(l/h)		(cm)					(each)
Snapeg	Supertif PCND Conic	1,10	Grey ●	40	White ○	400	Custom	101041946	0,4141
Snapeg	Supertif PCND Conic	1,10	Grey ●	50	White ○	400	Custom	101041950	0,4242
Snapeg	Supertif PCND Conic	1,10	Grey ●	60	White ○	400	Custom	101022829	0,4343
Snapeg	Supertif PCND Conic	1,10	Grey ●	70	White ○	400	Custom	101041956	0,4444
Snapeg	Supertif PCND Conic	1,10	Grey ●	80	White ○	400	Custom	101041960	0,4545
Snapeg	Supertif PCND-H Conic	3,10	Grey ●	60	White ○	400	Custom	101022798	0,3737
Snapeg	Supertif PCND Conic	3,85	Black ●	40	White ○	400	Custom	101041964	0,4141
Snapeg	Supertif PCND Conic	3,85	Black ●	50	White ○	400	Custom	101041968	0,4242
Snapeg	Supertif PCND Conic	3,85	Black ●	60	White ○	400	Custom	101041972	0,4343
Snapeg	Supertif PCND Conic	3,85	Black ●	70	White ○	400	Custom	101039023	0,4444
Snapeg	Supertif PCND Conic	3,85	Black ●	80	White ○	400	Custom	101040449	0,4545
Snapeg	Supertif PCND Conic	8,00	Green ●	40	White ○	400	Custom	101041982	0,4141
Snapeg	Supertif PCND Conic	8,00	Green ●	50	White ○	400	Custom	101041986	0,4242
Snapeg	Supertif PCND Conic	8,00	Green ●	60	White ○	400	Custom	101041990	0,4343
Snapeg	Supertif PCND Conic	8,00	Green ●	70	White ○	400	Custom	101041994	0,4444
Snapeg	Supertif PCND Conic	8,00	Green ●	80	White ○	400	Custom	101041998	0,4545
Snapeg	Supertif PCND SLB	2,20	Brown ●	40	White ○	400	Custom	101042002	0,3535
Snapeg	Supertif PCND SLB	2,20	Brown ●	50	White ○	400	Custom	101042006	0,3636
Snapeg	Supertif PCND SLB	2,20	Brown ●	60	White ○	400	Custom	101011237	0,3737
Snapeg	Supertif PCND SLB	2,20	Brown ●	70	White ○	400	Custom	201003410	0,3838
Snapeg	Supertif PCND SLB	2,20	Brown ●	80	White ○	400	Custom	101028393	0,3939

Drippers | Dripper Assemblies

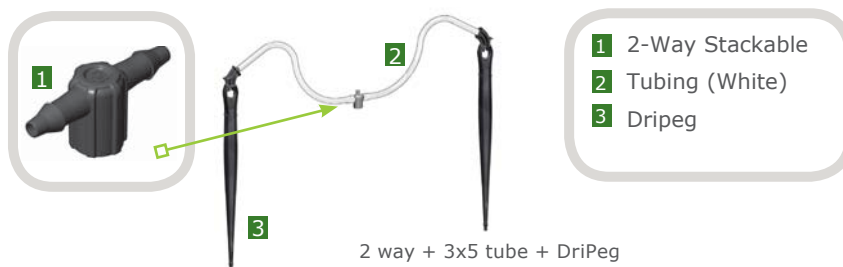


Single Peg Assemblies - Without Dripper							8
Image	Peg	Tube	Tube Color	Min. Qty.	Order Status	Item Number	Price €
		(cm)					(each)
1	Black DriPeg (Flow equalizing)	60	Black •	1000	Custom	101010380	0,2500

Drippers | Dripper Assemblies

Purchasing Information 2-Way Peg Assemblies

Requires separate purchase of an online dripper.



2-Way Peg Assemblies - Without Dripper

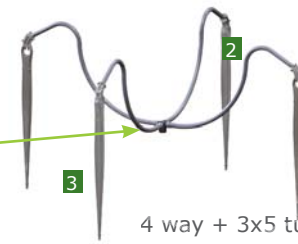
8

Image	Peg	Description	Tube (cm)	Tube Color	Min. Qty.	Order Status	Item Number	Price € (each)
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Dripeg	40	Black ●	200	Custom	101003265	0,4700
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Dripeg	50	Black ●	200	Custom	101003266	0,4646
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Dripeg	60	Black ●	200	Custom	101003267	0,4747
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Dripeg	70	Black ●	200	Custom	101003295	0,4848
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Dripeg	80	Black ●	200	Custom	101028503	0,5100
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 40 cm, Black Dripeg	40	White ○	200	Custom	101041695	0,4848
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Dripeg	50	White ○	200	Custom	101041697	0,4949
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Dripeg	60	White ○	200	Custom	101041701	0,5050
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Dripeg	70	White ○	200	Custom	101041703	0,5151
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Dripeg	80	White ○	200	Custom	101041706	0,5252
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Polytif	40	Black ●	200	Custom	101041694	0,5370
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Polytif	50	Black ●	200	Custom	101003273	0,5630
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Polytif	60	Black ●	200	Custom	101041700	0,5900
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Polytif	70	Black ●	200	Custom	101003283	0,6280
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Polytif	80	Black ●	200	Custom	101041705	0,6430
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Polytif	50	White ○	200	Custom	101041698	0,5840
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Polytif	60	White ○	200	Custom	101041702	0,6140
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Polytif	70	White ○	200	Custom	101041704	0,6570
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Polytif	80	White ○	200	Custom	101041707	0,6760

Drippers | Dripper Assemblies

Purchasing Information 4-Way Peg Assemblies

Requires separate purchase
of an online dripper.



- 1 4-Way Stackable
- 2 Tubing (White)
- 3 Dripeg (Black)














4 way + 3x5 tube + DriPeg

4-Way Peg Assemblies - Without Dripper







8

Image	Peg	Description	Tube	Tube Color	Min. Qty.	Order Status	Item Number	Price €
			(cm)					(each)
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Dripeg	40	Black ●	200	Custom	101003262	0,8686
1	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Dripeg	50	Black ●	200	Custom	101003254	0,8787
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Dripeg	60	Black ●	200	Standard	101003253	0,8888
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Dripeg	70	Black ●	200	Custom	101003252	0,8989
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Dripeg	80	Black ●	200	Custom	101011679	0,9090
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 40 cm, Black Dripeg	40	White ○	200	Standard	101041739	0,9292
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Dripeg	50	White ○	200	Custom	101041741	0,9393
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Dripeg	60	White ○	200	Custom	101041748	0,9494
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Dripeg	70	White ○	200	Custom	101041712	0,9595
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Dripeg	80	White ○	200	Custom	101041731	1,0075
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Polytif	40	Black ●	200	Custom	101028479	1,0210
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Polytif	50	Black ●	200	Custom	101003248	1,0600
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Polytif	60	Black ●	200	Custom	101003250	1,1310
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Polytif	70	Black ●	200	Custom	201003420	1,1850
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Polytif	80	Black ●	200	Custom	101028485	1,2380
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 40 cm, Black Polytif	40	White ○	200	Custom	101041740	1,0400
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Polytif	50	White ○	200	Custom	101041708	0,9700
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Polytif	60	White ○	200	Custom	101041749	1,0220
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Polytif	70	White ○	200	Custom	101041730	1,0660
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Polytif	80	White ○	200	Custom	101041732	1,1270

Drippers | Accessories

Dripper Accessories					8
Image	Description	Min. Qty.	Order Status	Item Number	Price (EUR) (Each)
	Single barbed Angled Adapter - For 3 x 5 Micro Tubing	500	Custom	201000237	0,0520
	Single Threaded Adapter - For 3 x 5 Micro Tubing	500	Custom	201000073	0,0404
	2-Way barbed Adapter - For 3 x 5 Micro Tubing	500	Custom	101003301	0,0505
	2-Way Threaded Adapter - For 3 x 5 Micro Tubing	500	Custom	201000246	0,0505
	4-Way barbed Adapter - For 3 x 5 Micro Tubing	500	Custom	101003302	0,0700
	4-Way Threaded Adapter - For 3 x 5 Micro Tubing	500	Custom	201000074	0,0505
	Multi Outlet Adapter	500	Custom	201000072	0,0420
	Start Connector (for 3 x 5 Tubing)	500	Custom	101003297	0,0404
	Connector from Dripper to PE Tubing	500	Custom	101003298	0,0404
	Plug - 2 mm, Violet (Supertif)	500	Custom	101003314	0,0600
	Plug - 2,8 mm, Red (Katif PC)	500	Standard	101003311	0,0650
	Plug - 6 mm, Black	500	Custom	101003312	0,1050
	Plug - 8 mm, Black	500	Custom	101003313	0,1100

Drippers | Accessories

Dripper Accessories					8
Image	Description	Min. Qty.	Order Status	Item Number	Price (EUR) (Each)
	Dripeg (Flow Equalizing) - Black	1 200	Custom	101003308	0,0404
	Polytif (Flow Equalizing) - Black	1 200	Custom	201000076	0,0320
	Snapeg - Black	1 200	Standard	201000075	0,0505
	Snapeg - Grey	1 200	Custom	201000247	0,0505
	Barpeg - Black	1 200	Custom	101003309	0,0505
	Barpeg - Gray	1 200	Standard	101008233	0,0404

Note: Rivulis drippers assemblies solutions are recommended with: Micro tube PE Soft 3x5 mm, white color for micro tube and pegs, barbed multi-port outlet connectors, and flow regulated pegs.

Foggers & Misters

Foggers & Misters



Foggers & Misters | Guide

Greenhouse inverted sprinklers, foggers & misters quick reference guide

	FLF fogger	Rondo Mister	Inverted Rondo	Inverted RFR
Type	Inverted Fogger	Inverted Mister	Inverted Micro Sprinkler	Inverted Micro Sprinkler
Flow Regulation				✓
Flow Rate (lph) Based on nominal operating pressure	5,40, 10,50	47, 61	51, 75, 102, 132	23, 30, 41, 53, 70, 95
Inlet	Conic female, Conic Male, Barb	Conic female	Conic female & 3/8" THM	3/8" THM
Options/Models	Single, 2-way & 4-way models Anti-leak H valve assembly	Anti-leak valve assembly	Anti-leak valve assembly	Anti-leak valve assembly

The finest droplets, even at low flow rates

Features

- FLF: Fogger Low Flow
- With its unique vortex flow, the FLF delivers the finest droplets (70 microns), even at low flow rates

Benefits

- For irrigation and as a method to alter the humidity and the evaporative climate in both greenhouses and high tunnels
- Coupled with an anti-leak H mini valve (high pressure) no more leak or drop once the irrigation system shut off
- Can be used for irrigation in both cutting propagation and seed germination
- Can be used as part of a cooling system in husbandry



Crop Applications

Greenhouse

- Irrigation in both cutting propagation and seed germination
- Part of a cooling system in animal husbandry
- Control humidity and temperature in both greenhouses and high tunnels

How to use

inverted overhead

Use with

For insertion into PVC laterals, add 4x7mm grommet to the anti-leak mini-valve.

Team up the FLF with an anti-leak H mini valve and you've got a system with some serious control. Once the irrigation system is shut off, there is no more flow through the fogger.

Foggers & Misters | FLF PC Fogger

Technical Data FLF with Anti-Leak (HP)

Operating pressure range:	3,5 to 5,0 bar
Pressure (for flow rate calculation)	3,5 bar
Required opening pressure:	3,5 bar
Sealing pressure:	1,4 bar

Filtration requirements:

I/h	Micron	Mesh
All	100	150



1. FLF High Pressure Single, barb



2. FLF High Pressure Single, Male Conic



3. Assembly unit for Single FLF (1-way)



4. Assembly for FLF (2-Way and 4-Way)



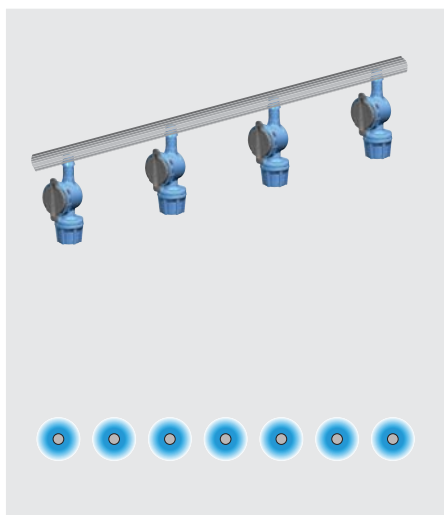
FLF Mist Sprayer - Single



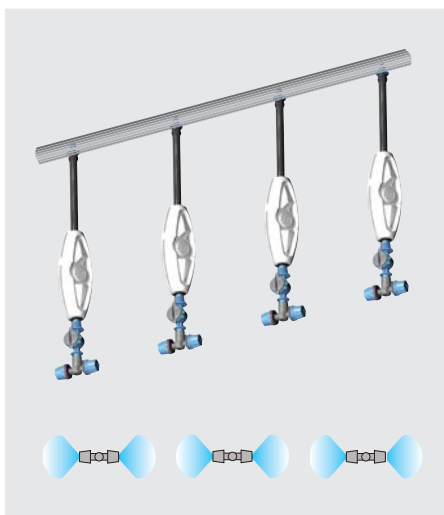
FLF - 2-Way



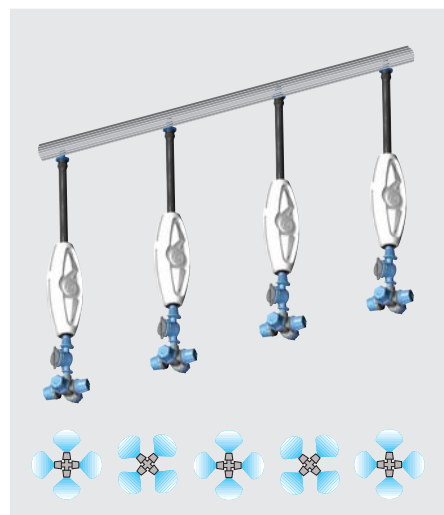
FLF - 4-Way



Group of single foggers mounted on PVC or PE laterals



Group of 2 output foggers mounted



Group of 4 output foggers mounted

* Anti-leak Valve has to be order separately , see page 7.46

Foggers & Misters | FLF PC Fogger

FLF Mist Spray									14
Image	Description	Inlet	Flow Rate/ outlet (l/h)	Color	Feature	Min. Qty.	Order Status	Item Number	Price €
									(each)
1	Fogger Single	Barb	5,40	Lt. Blue ●	Anti-Leak Valve HP	500	Standard	201000197	2,0500
	Fogger Single	Barb	10,50	Dk. Blue ●	Anti-Leak Valve HP	500	Standard	101003674	2,0500
2	Fogger Single	Male Conic	5,40	Lt. Blue ●	Anti-Leak Valve HP	500	Standard	101003679	2,0500
	Fogger Single	Male Conic	10,50	Dk. Blue ●	Anti-Leak Valve HP	500	Standard	101003680	2,0500
	Fogger 2-Way*	Female Conic	5,40	Lt. Blue ●		500	Standard	101008234	2,5300
	Fogger 2-Way*	Female Conic	10,50	Dk. Blue ●		500	Custom	101009818	2,5300
	Fogger 4-Way*	Female Conic	5,40	Lt. Blue ●		500	Standard	101003664	4,4900
	Fogger 4-Way*	Female Conic	10,50	Dk. Blue ●		500	Standard	101009819	4,4900

FLF Mist Spray - Assemblies						15
Image	Description	Tube	Min. Qty.	Order Status	Item Number	Price €
		(cm)				(each)
3	Single FLF Assembly - 35 cm -4x7 mm PVC, 4x7 coupling, Weight, and barb x Female Conic	35	500	Custom	101022996	2,3900
4	2-Way and 4-Way FLF Assembly - 35 cm -4x7 mm PVC, 4x7 coupling, Weight, and barb x Male Conic	35	500	Standard	201000260	2,0300

Foggers & Misters | Rondo Mister

Foggers & Misters | Rondo Mister

Low flow rates, finest droplets

Features

Flow rates at 3,0 bar: 47, 61 lph

Operating pressure range: 2,5-4,0 bar

For operating pressure above 3,5 bar, use anti-leak mini-valve H

Average droplet size: 150 micron

Ultra conic female nozzle - matches anti-leak mini-valve with male outlet

Benefits

- Produces an average droplet size of 150 microns and is suitable for inverted installations
- The mist produced from the Rondo misters can be used for humidification and evaporative climate control in greenhouses



Crop Applications

Ideal for irrigating during seed germination and cutting propagation

How to use

Can be used as climate control or to affect the humidity in greenhouses

Use with

Every spare part, fitting and adaptor in the Rondo accessories section

Foggers & Misters | Rondo Mister

Technical Data Rondo Mist Spray		
Operating pressure range:	2,5 to 4,0 bar	
Pressure (for flow rate calculation)	3,0 bar	
Filtration requirements:		
l/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	300	50



1. Rondo Mist Spray
Blue Nozzle

Flow by Pressure (lph)

Product	Nominal Flow Rate	Outlet Color	Pressure 2,5 bar	Pressure 3 bar	Pressure 4 bar
	(lph)		(lph)	(lph)	(lph)
Rondo Mist Spray	47	Black	43,1	47,4	55,0
	61	Blue	56,7	62,3	72,3

Purchasing Information Rondo Mist Spray	
Box:	49X35,5 X 35,5 cm
Qty per box:	2 000
Weight:	12 Kg

Maximum no. of Sprinklers on Laterals, 3 bar

Nominal Flow Rate	Nozzle Color & Diameter	Deflector Color	Hose Size		Spacing Between Sprinklers (m)					
			ID	OD	70	90	100	120	140	150
(lph)	(mm)		(mm)	(mm)	(Number of Sprinklers)					
47	Black 0,85	Purple	13,6	16,0	30	28	28	26	25	25
			15,2	17,8	41	38	37	35	34	33
			17,4	20,0	51	48	47	44	42	41
61	Blue 1,0		13,6	16,0	24	22	22	21	20	20
			15,2	17,8	32	30	29	28	27	26
			17,4	20,0	41	38	37	35	33	32

Average wetting diameter: 2,0 m (Overhead inverted position, 70 cm above plant)

Foggers & Misters | Rondo Mister

Rondo Mist Spray (inverted applications)								13
Image	Fitting	Flow Rate	Nozzle	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	Female Conic	47	Black ●	Mist Spray	500	Custom	201000281	0,9400
1	Female Conic	61	Blue ●	Mist Spray	500	Custom	101022981	0,9400



2. Rondo Hanging Assembly (Inverted)
Mist Spray

Rondo Assemblies Mist Spray (inverted applications)									13
Image	Fitting	Flow Rate	Nozzle	Tube	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)		(cm)					(each)
	Female Conic	47	Black ●	35	Anti-Leak Valve HP, Weight	250	Custom	101003611	4,7200
2	Female Conic	61	Blue ●	35	Anti-Leak Valve HP, Weight	250	Custom	101029220	4,7200
	Conic Female x conic Male	47	Black ●	35	Anti-Leak Valve , Weight	500	Custom	101029223	4,7200
	Conic Female x Conic Male	61	Blue ●	35	Anti-Leak Valve , Weight	500	Custom	101049217	4,7200

Foggers & Misters | Rondo (Inverted)

Foggers & Misters | Rondo (Inverted)

Versatility - a wide choice of models and micro-sprinkler applications for orchard and vegetable crops

Features

- medium-range micro-sprinkler
- Retracting splash plate
- Optional features: anti-insect cup.
- Flow rates: 30-300 lph
- Installed in upright position
- optional features: an anti-insect snap-fit cup, numerous deflector plates, Detachable built-in range limiter providing added protection and specialized spray patterns

Benefits

- Configurable features and flexible installation options
- delivers gentle droplets and the consistent spray pattern that's right for your crop
- The Rondo's spray pattern size is moderate to wide and can be used for spacings of up to 7,5 meters by 7,5 meters
- designed to be easily disassembled, allowing for both field maintenance and replacement of individual parts



Crop Applications

Greenhouses

Under canopy irrigation in orchards.

On metal rods for vegetables irrigation.

How to use

Under canopy: on plastic stack

Open field: on metal rods

Use with

Every spare part, stake, fitting and adaptor is in the Rondo accessories section

Single or double bridge frame,

Installed in upright or inverted position,

11 colour-coded nozzle sizes

3 assembly options with bayonet-mount nozzles: 3/8" THM x conic female inlet - accommodates Meteor adaptors or threaded hammer stakes

Ultra Nozzle - with either 5mm threaded inlet (flow rates up to 200 lph) or conic female inlet, mounted on spiked plastic stakes or 8 mm metal rods.

Choice of 6 exclusive spinners for different applications.

Foggers & Misters | Rondo (Inverted)

Technical Data Rondo Micro Sprinkler

Operating pressure range: 1,5 to 2,5 bar

Pressure (for flow rate calculation): 2,0 bar

Filtration requirements:

I/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



1. Rondo Ultra Conic Female



2. Rondo 3/8" Thread

Purchasing Information Rondo Micro Sprinkler

Box 49 X 35,5 X 35,5 cm

Qty per box: 2 000



2. Rondo Inverted Assembly

Rondo Assemblies - Weight, Anti-Leak (Inverted Application), 4x7 PVC Tubing

13

Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)			(cm)					(each)
	Conic Fit	51	Green ●	Blue ●	35	Weight, Anti-Leak	500	Custom	101029091	4,5500
2	Conic Fit	75	Green ●	Green ●	35	Weight, Anti-Leak	500	Custom	101003569	4,5500
	Conic Fit	102	Green ●	Red ●	35	Weight, Anti-Leak	500	Custom	101029088	4,5500

Foggers & Misters | Rondo (Inverted)

Rondo Micro Sprinkler – Maximum No. of Sprinklers per Lateral

Nominal Flow Rate (lph)	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)					
		ID (mm)	OD (mm)	3	4	5	6	7	8
39	Black	13,6	16	20	18	16	15	14	13
		15,2	17,8	24	22	20	18	17	17
		17,4	20	31	27	25	24	22	21
51	Blue	13,6	16	16	14	13	12	11	11
		15,2	17,8	20	18	16	15	14	13
		17,4	20	25	22	21	19	18	17
64	Dark Blue	13,6	16	13	12	11	10	10	9
		15,2	17,8	16	15	13	12	12	11
		17,4	20	21	19	17	16	15	14
75	Green	13,6	16	12	10	10	9	7	7
		15,2	17,8	14	13	12	11	10	10
		17,4	20	18	17	15	14	12	11
102	Red	13,6	16	10	8	8	7	10	10
		15,2	17,8	12	10	10	9	8	8
		17,4	20	15	13	12	12	17	16
174	Violet	13,6	16	10	9	8	8	7	7
		15,2	17,8	15	14	13	12	11	11
		17,4	20	24	22	20	19	18	17
205	Yellow	13,6	16	9	8	7	7	6	6
		15,2	17,8	14	13	12	11	10	10
		17,4	20	22	20	18	17	16	15

Foggers & Misters | Rondo (Inverted)

Rondo Micro Sprinkler - (inverted applications)								13
Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Min. Qty.	Order Status	Item Number	Price € (each)
	Ultra Conic Female	51	Blue ●	Blue ●	500	Custom	101003433	0,9800
	Ultra Conic Female	132	Blue ●	White ○	500	Custom	101003444	0,9800
	Ultra Conic Female	51	Green ●	Blue ●	500	Custom	201005978	0,9800
1	Ultra Conic Female	75	Green ●	Green ●	500	Custom	101003443	0,9800
	Ultra Conic Female	102	Green ●	Red ●	500	Custom	201000277	0,9800
	Ultra Conic Female	132	Green ●	White ○	500	Custom	101003399	0,9800
2	3/8"Thread	51	Green ●	Blue ●	500	Custom	101011803	0,9800
	3/8"Thread	64	Green ●	Dk. Blue ●	500	Custom	201003439	0,9800
	3/8"Thread	75	Green ●	Green ●	500	Standard	201000126	0,9800
	3/8"Thread	102	Green ●	Red ●	500	Standard	101011804	0,9800
	3/8"Thread	132	Green ●	White ○	500	Standard	101011805	0,9800
	3/8"Thread	174	Green ●	Violet ●	500	Standard	101003414	0,9800
	3/8"Thread	205	Green ●	Yellow ●	500	Standard	101003415	0,9800
	3/8"Thread	51	Blue ●	Blue ●	500	Custom	101011800	0,9800
	3/8"Thread	64	Blue ●	Dk. Blue ●	500	Custom	101011807	0,9800
	3/8"Thread	75	Blue ●	Green ●	500	Custom	201000123	0,9800
	3/8"Thread	102	Blue ●	Red ●	500	Custom	101011801	0,9800
	3/8"Thread	132	Blue ●	White ○	500	Custom	201000124	0,9800
	3/8"Thread	174	Blue ●	Violet ●	500	Custom	101011802	0,9800
	3/8"Thread	205	Blue ●	Yellow ●	500	Custom	201000125	0,9800

Foggers & Misters | RFR (Inverted)

Inverted overhead irrigation for greenhouse or orchards

Features

- Pressure compensated (PC) Medium-Range Micro Sprinkler
- Retracting splash plate
- Optional features: anti-insect cup.
- Flow rates: 30-300 lph
- Installed in upright or inverted position
- Optional features: an anti-insect snap-fit cup, numerous deflector plates, Detachable built-in range limiter providing added protection and specialized spray patterns

Benefits

- Pressure compensated microsprinkler allows inverted application in greenhouse and orchard
- Ideal for long run-length and/or undulating sloping terrain applications
- Configurable features and flexible installation options
- Designed to be easily disassembled, allowing for both field maintenance and replacement of individual parts



Crop Applications

- Installed in upright or inverted position under canopy irrigation in orchards.
- On metal rods for vegetables irrigation.
- Greenhouse: inverted overhead

How to use

- Sprinkler position: upright or inverted
- Under canopy: on plastic stack
- Open field: on metal rods
- Greenhouse: inverted overhead

Use with

Every spare part, stake, fitting and adaptor is in the Rondo accessories section

Single or double bridge frame, Installed in upright or inverted position, 11 colour-coded nozzle sizes
3 assembly options with bayonet-mount

nozzles: 3/8" THM x conic female inlet - accommodates Meteor adaptors or threaded hammer stakes

Ultra Nozzle - with either 5mm threaded inlet (flow rates up to 200 lph) or conic

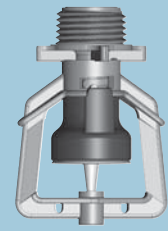
female inlet, mounted on spiked plastic stakes or 8 mm metal rods. Choice of 6 exclusive spinners for different applications.

Foggers & Misters | RFR (Inverted)

Technical Data RFR Micro Sprinkler		
Operating pressure range:	1,5 to 3,5 bar	
Filtration requirements:		
I/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



1- RFR
Flow Regulated
Micro Sprinkler



2. RFR
with Anti-Ant
Cup

RFR Flow Regulated Micro Sprinkler - (Inverted applications)								12
Image	Fitting	Flow Rate	Spinner	Nozzle	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	3/8" Thread	23	Grey ●	Black ●	500	Custom	101003454	1,1800
	3/8" Thread	30	Grey ●	Blue ●	500	Custom	201003440	1,1800
1	3/8" Thread	41	Grey ●	D. Blue ●	500	Custom	101003455	1,1800
	3/8" Thread	53	Grey ●	Green ●	500	Custom	201003441	1,1800
	3/8" Thread	70	Grey ●	Red ●	500	Custom	101011812	1,1800
	3/8" Thread	95	Grey ●	White ○	500	Custom	101018433	1,1800

Foggers & Misters | RFR (Inverted)

RFR Micro Sprinkler – Maximum No. of Sprinklers per Lateral

Nominal Flow Rate (lph)	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)					
		ID (mm)	OD (mm)	3	4	5	6	7	8
				(Number of Sprinklers)					
23	Black	13,6	16,0	27	25	23	—	—	—
		15,2	17,8	33	30	28	—	—	—
		17,4	20,0	42	38	35	—	—	—
30	Blue	13,6	16,0	24	21	21	—	—	—
		15,2	17,8	29	26	24	—	—	—
		17,4	20,0	36	33	30	—	—	—
41	Dark Blue	13,6	16,0	20	18	16	—	—	—
		15,2	17,8	24	21	20	—	—	—
		17,4	20,0	30	27	25	—	—	—
53	Green	13,6	16,0	17	15	14	13	—	—
		15,2	17,8	20	18	17	16	—	—
		17,4	20,0	25	23	21	20	—	—
70	Red	13,6	16,0	—	13	12	11	—	—
		15,2	17,8	—	15	14	13	—	—
		17,4	20,0	—	19	18	17	—	—
95	White	13,6	16,0	—	9	8	8	—	—
		15,2	17,8	—	11	10	10	—	—
		17,4	20,0	—	14	13	12	—	—

Micro Sprinklers & Jets

Micro Sprinklers & Jets



Micro Sprinklers & Jets | Guide

Sprays & Sprinklers Quick Reference Guide

	Tornado Ray Jet	Jet+	JFR	Rondo	RFR	S2000	S2000 Flow Regulated	Super XL
Type	Spray	Jet	Jet	Medium range Micro Sprinkler	Medium range Micro Sprinkler	Micro Sprinkler		Slow Rotation Medium Sprinkler
Pressure Compensated (PC)	Option		✓		✓		✓	
Flow Rate (lph) Based on nominal operating pressure	25, 34, 55, 70	39, 51, 64, 75, 102	23, 30, 41, 53, 70, 95	39, 51, 64, 75, 102, 174, 205	23,30, 41, 53, 70, 95	29, 37, 51, 61, 75, 97, 125, 170, 205, 260, 300	24, 31, 41, 53, 74, 95	191, 235, 290, 341
Features	No moving parts	Anti-ant	Silicone drive Anti-insect cup		Anti-ant	Balanced mechanism		
Options/Models	360°, 300° & 180° wetting pattern	Integral range limiter, short-throw spinner, trunk protector	1/2" THM, 3/8" THM	360°	360°	9°, 12°, 14°, 24° Single & double nozzle		

Micro Sprinklers & Jets | Tornado Ray Jet

No moving parts to break, jam, or wear out

Features

- Jet Stream Sprayer with 4 different flow rates at 1,5 bar: 25, 34, 55, 70 l/h

- Several configurations available to offer different Wetting patterns:

 - 180° (8 jet streams),

 - 300° (10 jets),

 - 360° (12 jets)

- Unique vortex nozzle

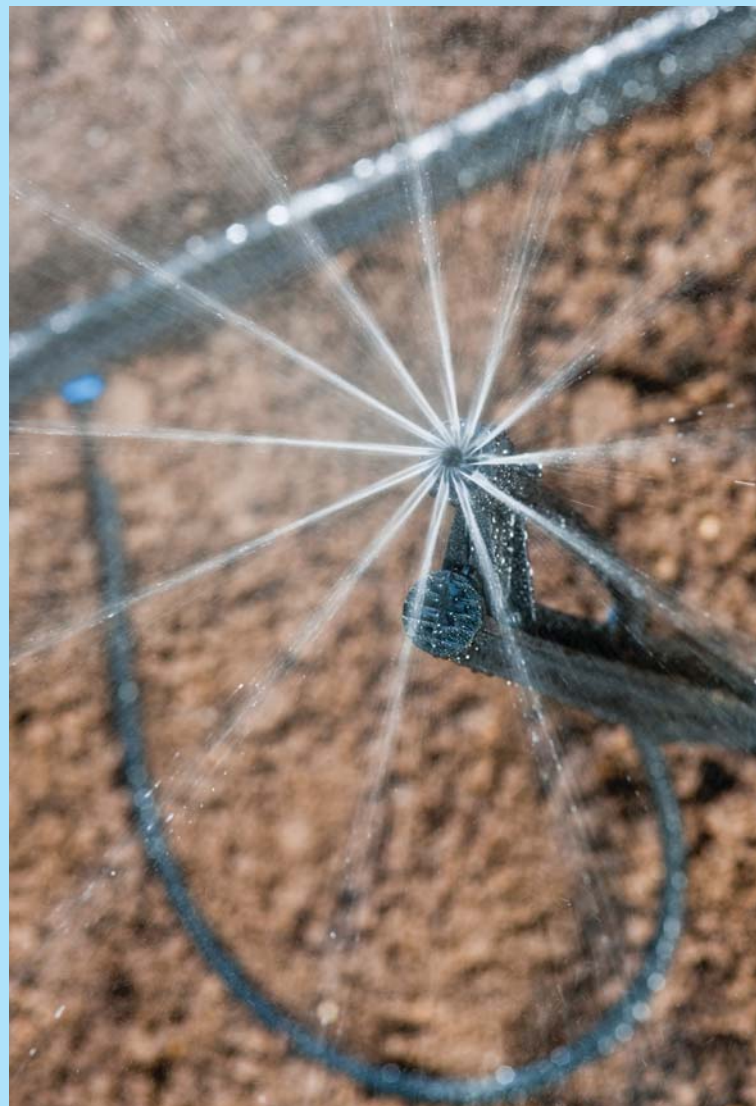
- Turbulent flow pattern

Benefits

- Clogging hazards are minimized - even at low flow rates.

- Long lasting & consistent performance

- Almost no maintenance



Crop Applications

From young trees to established orchards

Orchards, bananas, nuts, nursery and landscape

How to use

Tornado Ray Jet sprayer with 5 mm threaded inlet stem - fits the 4x7 mm feeder tube and the clip Hammer stake

Tornado Ray Jet sprayer with conic male inlet stem - matches the Rivulis Meteor adapter (#71) with conic female outlet

Take-apart vortex nozzle, assembled with a ray jet grooved cap on the Rivulis Meteor adapter (#46).

Fits spiked stakes. The Meteor adapter is available with pressure-regulator

Use with

Every spare part, stake, fitting and adaptor is in the accessories section

Micro Sprinklers & Jets | Tornado Ray Jet

Technical Data Tornado Ray Jet		
Operating pressure range:	1,5 to 3,0 bar	
Pressure (for flow rate calculation):	1,5 bar	
Filtration requirements:		
I/h	Micron	Mesh
≤ 40	130	120
40-70	200	80
> 70	250	60



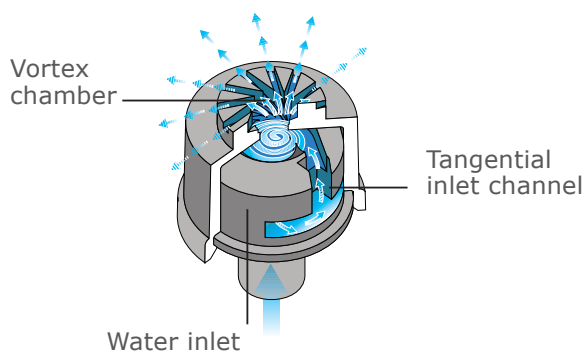
1. Tornado Ray Jet
- 5 mm Thread



2. Tornado Ray Jet
5 mm Thread
8 jets 180°



3. Tornado Ray Jet - Male Conic



Purchasing Information Tornado Ray Jet	
Box	38,5 X 38 X 27 cm
Box Quantity	5 000

Micro Sprinklers & Jets | Tornado Ray Jet

Maximum No. of Sprays on Irrigation Laterals (+/- 5% Flow Variation)

Nominal Flow Rate	Nozzle color	Wetting Diameter	Hose Size		Spacing Between Sprays (m)									
			ID	OD	0,20	0,25	0,30	0,35	0,40	0,45	0,50	0,55	0,60	0,65
(lph)		(m)	(mm)	(mm)	(Number of sprays)									
25	Black	2,4	13,6	16	26	24	22	21	20	19	18	18	17	16
			15,2	17,8	32	29	27	26	24	23	22	22	21	20
			17,4	20	40	37	34	33	31	30	28	27	27	26
34	Blue	3,2	13,6	16	20	19	18	17	16	15	14	14	13	13
			15,2	17,8	25	23	21	20	19	18	18	17	16	16
			17,4	20	32	29	27	26	25	23	23	22	21	20
55	Green	3,6	13,6	16	15	14	13	12	12	11	11	10	10	10
			15,2	17,8	19	17	16	15	14	14	13	13	12	12
			17,4	20	24	22	21	19	18	18	17	16	16	15
70	Red	4,2	13,6	16	14	13	12	11	11	10	10	10	9	9
			15,2	17,8	18	16	15	14	13	13	12	12	11	11
			17,4	20	22	21	19	18	17	16	16	15	15	14

Micro Sprinklers & Jets | Tornado Ray Jet

Tornado Ray Jet - 12 Streams, Full Circle									11
Image	Streams	Outlet Type	Pattern	Flow Rate	Nozzle Color	Min. Qty.	Order Status	Item Number	Price (EUR)
				(l/h)					(each)
	12	5 mm Thread	360°	25	Black ●	500	Standard	201000079	0,3333
	12	5 mm Thread	360°	34	Blue ●	500	Standard	201000080	0,3333
	12	5 mm Thread	360°	55	Green ●	500	Standard	201000081	0,3333
3	12	5 mm Thread	360°	70	Red ●	500	Standard	201000082	0,3333
	12	Male Conic	360°	25	Black ●	500	Custom	201000077	0,3333
	12	Male Conic	360°	34	Blue ●	500	Custom	101003355	0,3333
	12	Male Conic	360°	55	Green ●	500	Custom	201000078	0,3333
	12	Male Conic	360°	70	Red ●	500	Custom	101003356	0,3333

Tornado Ray Jet - 10 Streams, 300°									11
Image	Streams	Outlet Type	Pattern	Flow Rate	Nozzle Color	Min. Qty.	Order Status	Item Number	Price (EUR)
				(l/h)					(each)
	10	5 mm Thread	300°	25	Black ●	500	Custom	101003361	0,2727
	10	5 mm Thread	300°	34	Blue ●	500	Custom	201000083	0,2727
	10	5 mm Thread	300°	55	Green ●	500	Custom	201000084	0,2727
1	10	5 mm Thread	300°	70	Red ●	500	Custom	201000088	0,2727
	10	Male Conic	300°	25	Black ●	200	Custom	101018423	0,2727
	10	Male Conic	300°	34	Blue ●	200	Custom	101009616	0,2727
	10	Male Conic	300°	55	Green ●	200	Custom	101018424	0,2727
	10	Male Conic	300°	70	Red ●	200	Custom	101028566	0,2727

Tornado Ray Jet - 8 Streams, 180°									11
Image	Streams	Outlet Type	Pattern	Flow Rate	Nozzle Color	Min. Qty.	Order Status	Item Number	Price (EUR)
				(l/h)					(each)
	8	5 mm Thread	180°	25	Black ●	500	Custom	201000085	0,2727
	8	5 mm Thread	180°	34	Blue ●	500	Custom	201000086	0,2727
	8	5 mm Thread	180°	55	Green ●	500	Custom	101003363	0,2727
2	8	5 mm Thread	180°	70	Red ●	500	Custom	201000087	0,2727
	8	Male Conic	180°	25	Black ●	500	Custom	201003431	0,2727
	8	Male Conic	180°	34	Blue ●	500	Custom	201003432	0,2727
	8	Male Conic	180°	55	Green ●	500	Custom	201003433	0,2727

Micro Sprinklers & Jets | Tornado Ray Jet

Assemblies

Tornado Ray Jets have a 5 mm threaded inlet for direct connection to PE tube.

Alternatively you can purchase the sprays with 60 cm of tube and a connector already fitted, or even complete with a Clip Hammer Stake.

Did you know that the Tornado Ray Jet can also be operated in an inverted position with the Clip Hammer Stake? By doing this, you can have a reduced wetting pattern when your trees are young, and then at a later point, simply flip the Tornado Ray Jet over and you have the full wetting diameter.

Also available as a take-apart with or without pressure regulator



1. Tornado Ray Jet Assembly

Tornado Ray Jet Assemblies, 10/300° and 12/360°										11
Image	Streams	Pattern	Flow Rate	Nozzle Color	Tube	Stake	Min. Qty.	Order Status	Item Number	Price (EUR)
			(l/h)		(cm)					(each)
1	10	300°	25	Black ●	60	Clip Hammer	250	Custom	101003376	1,4483
	10	300°	34	Blue ●	60	Clip Hammer	250	Custom	101028601	1,4483
	12	360°	25	Black ●	60	Clip Hammer	200	Custom	101028590	1,4483
	12	360°	34	Blue ●	60	Clip Hammer	200	Custom	101028591	1,4483
	12	360°	55	Green ●	60	Clip Hammer	200	Custom	101028592	1,4483
	12	360°	70	Red ●	60	Clip Hammer	200	Custom	101028593	1,4483

(Feeder Tube PE 4x7 mm + blue barbed Coupling)

Micro Sprinklers & Jets | Jet +

Made to last throughout the entire orchard life cycle

Features

- Non pressure compensated stream spray
- Retracting splash plate
- Motionless operation
- Half, partial, and full circle patterns
- Compatible with range limiters (for watering young trees)

- Built-in Anti-Insect Device

Benefits

- Get the features you need for a precise, dependable irrigation system made to last throughout the entire season.
- Evolutive and adaptable equipment to adapt irrigation pattern and flow from young trees to established orchards



Crop Applications

Orchards, bananas, nuts, nursery and landscape

Use with

Every spare part, stake, fitting and adaptor is in the accessories section

Micro Sprinklers & Jets | Jet +

Technical Data Jet+ Stream Spray

Operating pressure range: 1,5 to 3,0 bar

Pressure (for flow rate calculation): 2,0 bar

Filtration requirements:

l/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



Jet+ Stream Spray
5 mm thread

Purchasing Information Jet+ Stream Spray

Box 38,5 X 38 X 27 cm

Box Quantity 5 000

Micro Sprinklers & Jets | Jet +

Jet+ – Maximum Recommended No. of Sprays Per Lateral

Nozzle (lph)	Nozzle Color & Size (mm)	Wetting Diameter (m)*	Emitter Spacing (m)	Pipe Diameter (mm)		
				Outside Diameter / Inside Diameter		
				16 / 13,6	17,8 / 15,2	20 / 17,4
(Number of sprays)						
30	Light Blue (0,76)	4,2	3	21	25	32
			4	19	23	29
			5	17	21	27
39	Black (0,86)	4,6	3	20	24	31
			4	18	22	27
			5	16	20	25
51	Blue (1,0)	5,4	4	14	18	22
			5	13	16	21
			6	12	15	19
64	Dark Blue (1,1)	5,8	4	12	15	19
			5	11	13	17
			6	10	12	16
75	Green (1,2)	7,0	4	10	13	17
			5	10	12	15
			6	9	11	14
102	Red (1,4)	8,6	4	8	10	13
			5	8	10	12
			6	7	9	12

* Nozzle at 25 cm above ground level, 360° Spray pattern, flow rate at 2,0 bar

Micro Sprinklers & Jets | Jet +

Jet+ Jet Stream Spray									12
Image	Fitting	Pattern	Color head	Flow Rate	Nozzle Color	Min. Qty.	Order Status	Item Number	Price €
				(l/h)					(each)
1	5 mm Thread	360°	Black ●	39	Black ●	500	Custom	201000155	0,7900
	5 mm Thread	360°	Black ●	51	Blue ●	500	Custom	201000154	0,7900
	5 mm Thread	360°	Black ●	64	D. Blue ●	500	Custom	201000153	0,7900
	5 mm Thread	360°	Black ●	75	Green ●	500	Custom	101003470	0,7900
	5 mm Thread	360°	Black ●	102	Red ●	500	Custom	101010936	0,7900
	5 mm Thread	300°	Orange ●	39	Black ●	250	Custom	101028895	0,7900
	5 mm Thread	300°	Orange ●	51	Blue ●	250	Custom	101028896	0,7900
	5 mm Thread	300°	Orange ●	64	D. Blue ●	250	Custom	101028900	0,7900
	5 mm Thread	300°	Orange ●	102	Red ●	250	Custom	101028902	0,7900
	5 mm Thread	180°	Red ●	39	Black ●	250	Custom	101028899	0,7900
	5 mm Thread	180°	Red ●	51	Blue ●	250	Custom	101003471	0,7900
	5 mm Thread	180°	Red ●	75	Green ●	250	Custom	101028901	0,7900
	5 mm Thread	180°	Red ●	102	Red ●	250	Custom	101028897	0,7900

Micro Sprinklers & Jets | Jet +



1. Jet+ Jet Spray Assembly with Stake

Jet+ Jet Stream Spray Assemblies											12
Image	Fitting	Pattern	Color head	Flow Rate	Nozzle Color	Tube	Stake	Min. Qty.	Order Status	Item Number	Price €
				(l/h)		(cm)					(each)
1	5 mm Thread	360°	Black ●	39	Black ●	60	Cantal	250	Custom	101003621	2,1000
	5 mm Thread	360°	Black ●	64	D. Blue ●	60	Cantal	250	Custom	101003623	2,1000
	5 mm Thread	360°	Black ●	75	Green ●	60	Cantal	250	Custom	101003624	2,1000
	5 mm Thread	360°	Black ●	102	Red ●	60	Cantal	250	Custom	101003625	2,1000
	5 mm Thread	360°	Black ●	39	Black ●	60	w/o*	250	Custom	101029233	1,2400
	5 mm Thread	360°	Black ●	51	Blue ●	60	w/o*	250	Custom	101029234	1,2400
	5 mm Thread	360°	Black ●	64	D. Blue ●	60	w/o*	250	Custom	101029237	1,2400
	5 mm Thread	360°	Black ●	75	Green ●	60	w/o*	250	Custom	101029235	1,2400
	5 mm Thread	360°	Black ●	102	Red ●	60	w/o*	250	Custom	101029236	1,2400

(Feeder Tube PE 4x7 mm + blue barbed Coupling)

* w/o - without stake

Made to last throughout the entire orchard life cycle

Features

- Pressure compensated (PC) stream spray
- Retracting splash plate
- Motionless operation
- Half, partial, and full circle patterns
- Compatible with range limiters (for watering young trees)

-Built-in Anti-Insect Device

Benefits

- Get the features you need for a precise, dependable irrigation system made to last throughout the entire season.
- Pressure compensated JFR especially recommended in orchards planted on sloping terrain and/or very long row
- Evolutive and adaptable equipment to adapt irrigation pattern and flow from young trees to established orchards



Crop Applications

Orchards, bananas, nuts, nursery and landscape

Use with

Every spare part, stake, fitting and adaptor is in the accessories section

Micro Sprinklers & Jets | JFR

Technical Data JFR

Operating pressure range: 1,5 to 3,0 bar

Filtration requirements:

I/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



Purchasing Information JFR

Box	38,5 X 38 X 27 cm
Box Quantity	5 000

Micro Sprinklers & Jets | JFR

JFR – Maximum Recommended No. of Sprays Per Lateral

Nozzle Size (mm)	Nozzle Color	Flow Rate (lph)	Wetting Diameter (m)*	Emitter Spacing (m)	Pipe Diameter (mm)												
					OD 16 / ID 13,6			OD 17,8 / ID 15,2			OD 20 / ID 17,4						
					Lateral Inlet Pressure (bar)												
1,6			2,0			3,0			1,6			2,0			3,0		
(Number of sprays)																	
0,85	Black	23	3,2	3	15	27	40	18	33	49	23	42	62				
				4	14	25	37	17	30	44	21	38	56				
				5	13	23	34	16	28	41	20	35	52				
1,0	Blue	30	4,0	3	13	24	36	16	29	43	20	36	54				
				4	12	21	32	15	26	39	18	33	49				
				5	11	20	30	13	24	36	17	30	45				
1,1	Dark Blue	41	4,0	3	11	20	29	13	24	35	17	30	45				
				4	10	18	26	12	21	32	15	27	40				
				5	9	16	24	11	20	29	14	25	37				
1,2	Green	53	4,4	4	8	15	22	10	18	27	13	23	34				
				5	8	14	21	9	17	25	12	21	31				
				6	7	13	19	9	16	23	11	20	29				
1,4	Red	70	6,4	4	7	13	19	8	15	23	11	19	29				
				5	6	12	17	8	14	21	10	18	26				
				6	6	11	16	7	13	20	9	17	25				
1,6	White	95	6,4	4	5	9	14	6	11	17	8	14	22				
				5	4	8	13	5	10	16	7	13	20				
				6	4	8	12	5	10	15	7	12	19				

* Nozzle at 25 cm above ground level, 360° Spray pattern, flow rate at 2,0 bar

Micro Sprinklers & Jets | JFR

JFR Flow Regulated Jet Stream Spray									12
Image	Fitting	Pattern	Flow Rate	Nozzle Color	Min. Qty.	Order Status	Item Number	Price €	
			(l/h)					(each)	
2	3/8" Thread	360°	23	Black ●	500	Standard	101003502	1,0600	
	3/8" Thread	360°	30	Blue ●	500	Custom	101003503	1,0600	
	3/8" Thread	360°	41	D. Blue ●	500	Custom	201000157	1,0600	
	3/8" Thread	360°	53	Green ●	500	Custom	201000156	1,0600	
	3/8" Thread	360°	70	Red ●	500	Custom	101003504	1,0600	
	3/8" Thread	360°	95	White ○	500	Custom	101003509	1,0600	

JFR Flow Regulated Jet Stream Spray Assemblies										12
Image	Fitting	Pattern	Flow Rate	Nozzle Color	Tube	Stake	Min. Qty.	Order Status	Item Number	Price €
			(l/h)		(cm)					(each)
3	3/8" Thread	360°	23	Black ●	60	Cantal	250	Custom	101003640	3,3500
	3/8" Thread	360°	30	Blue ●	60	Cantal	250	Custom	101003637	3,3500
	3/8" Thread	360°	41	D. Blue ●	60	Cantal	250	Custom	101003639	3,3500
	3/8" Thread	360°	53	Green ●	60	Cantal	250	Custom	101003641	3,3500
	3/8" Thread	360°	70	Red ●	60	Cantal	250	Custom	101003638	3,3500
	3/8" Thread	360°	95	White ○	60	Cantal	250	Custom	101040507	3,5000

(Feeder Tube PE 4x7 mm + blue barbed Coupling + meteor#44)



3. JFR Jet Spray Assembly with Stake

Versatility - a wide choice of models and micro-sprinkler applications for orchard and vegetable crops

Features

- medium-range micro-sprinkler
- Retracting splash plate
- Optional features: anti-insect cup.
- Flow rates: 30-300 lph
- Installed in upright position
- optional features: an anti-insect snap-fit cup, numerous deflector plates, Detachable built-in range limiter providing added protection and specialized spray patterns

Benefits

- Configurable features and flexible installation options
- delivers gentle droplets and the consistent spray pattern that's right for your crop
- The Rondo's spray pattern size is moderate to wide and can be used for spacings of up to 7,5 meters by 7,5 meters
- designed to be easily disassembled, allowing for both field maintenance and replacement of individual parts



Crop Applications

Under canopy irrigation in orchards.

On metal rods for vegetables irrigation.

How to use

Under canopy: on plastic stack

Open field: on metal rods

Use with

Every spare part, stake, fitting and adaptor is in the Rondo accessories section

Single or double bridge frame,

Installed in upright or inverted position,

11 colour-coded nozzle sizes

3 assembly options with bayonet-mount nozzles: 3/8" THM x conic female inlet -

accommodates Meteor adaptors or threaded hammer stakes

Ultra Nozzle - with either 5mm threaded inlet (flow rates up to 200 lph) or conic female inlet, mounted on spiked plastic stakes or 8 mm metal rods.

Choice of 6 exclusive spinners for different applications.

Micro Sprinklers & Jets | Rondo Micro Sprinkler

Technical Data Rondo Micro Sprinkler

Operating pressure range: 1,5 to 2,5 bar

Pressure (for flow rate calculation): 2,0 bar

Filtration requirements:

l/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



1. Rondo Ultra Conic Female



2. Rondo 3/8" Thread



3. Rondo 3/8" Thread with Anti-Ant Cup



Rondo Micro Sprinkler

Purchasing Information Rondo Micro Sprinkler

Box 49 X 35,5 X 35,5 cm

Qty per box: 2 000

Micro Sprinklers & Jets | Rondo Micro Sprinkler

Rondo Micro Sprinkler – Maximum No. of Sprinklers per Lateral

Nominal Flow Rate (lph)	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)					
		ID (mm)	OD (mm)	3	4	5	6	7	8
39	Black	13,6	16	20	18	16	15	14	13
		15,2	17,8	24	22	20	18	17	17
		17,4	20	31	27	25	24	22	21
51	Blue	13,6	16	16	14	13	12	11	11
		15,2	17,8	20	18	16	15	14	13
		17,4	20	25	22	21	19	18	17
64	Dark Blue	13,6	16	13	12	11	10	10	9
		15,2	17,8	16	15	13	12	12	11
		17,4	20	21	19	17	16	15	14
75	Green	13,6	16	12	10	10	9	7	7
		15,2	17,8	14	13	12	11	10	10
		17,4	20	18	17	15	14	12	11
102	Red	13,6	16	10	8	8	7	10	10
		15,2	17,8	12	10	10	9	8	8
		17,4	20	15	13	12	12	17	16
174	Violet	13,6	16	10	9	8	8	7	7
		15,2	17,8	15	14	13	12	11	11
		17,4	20	24	22	20	19	18	17
205	Yellow	13,6	16	9	8	7	7	6	6
		15,2	17,8	14	13	12	11	10	10
		17,4	20	22	20	18	17	16	15

Micro Sprinklers & Jets | Rondo Micro Sprinkler

Rondo Micro Sprinkler - (inverted applications)								13
Image	Fitting	Flow Rate	Spinner	Nozzle	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	Ultra Conic Female	51	Blue ●	Blue ●	500	Custom	101003433	0,9900
	Ultra Conic Female	132	Blue ●	White ○	500	Custom	101003444	0,9900
	Ultra Conic Female	51	Green ●	Blue ●	500	Custom	201005978	0,9700
1	Ultra Conic Female	75	Green ●	Green ●	500	Custom	101003443	0,9900
	Ultra Conic Female	102	Green ●	Red ●	500	Custom	201000277	0,9700
	Ultra Conic Female	132	Green ●	White ○	500	Custom	101003399	0,9700
2	3/8"Thread	51	Green ●	Blue ●	500	Custom	101011803	0,9800
	3/8"Thread	64	Green ●	Dk. Blue ●	500	Custom	201003439	0,9800
	3/8"Thread	75	Green ●	Green ●	500	Standard	201000126	0,9800
	3/8"Thread	102	Green ●	Red ●	500	Standard	101011804	0,9800
	3/8"Thread	132	Green ●	White ○	500	Standard	101011805	0,9800
	3/8"Thread	174	Green ●	Violet ●	500	Standard	101003414	0,9800
	3/8"Thread	205	Green ●	Yellow ●	500	Standard	101003415	0,9800
	3/8"Thread	51	Blue ●	Blue ●	500	Custom	101011800	0,9800
	3/8"Thread	64	Blue ●	Dk. Blue ●	500	Custom	101011807	0,9800
	3/8"Thread	75	Blue ●	Green ●	500	Custom	201000123	0,9800
	3/8"Thread	102	Blue ●	Red ●	500	Custom	101011801	0,9800
	3/8"Thread	132	Blue ●	White ○	500	Custom	201000124	0,9800
	3/8"Thread	174	Blue ●	Violet ●	500	Custom	101011802	0,9800
	3/8"Thread	205	Blue ●	Yellow ●	500	Custom	201000125	0,9800

Micro Sprinklers & Jets | Rondo Micro Sprinkler

Rondo Micro Sprinkler with Anti-Ant Cup (upright applications)									13
Image	Fitting	Flow Rate	Spinner	Nozzle	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)							(each)
	3/8"Thread	51	Black ●	Blue ●	Anti-Ant	500	Custom	101003412	1,6200
	3/8"Thread	64	Black ●	Dk. Blue ●	Anti-Ant	500	Custom	101003421	1,6200
3	3/8"Thread	75	Black ●	Green ●	Anti-Ant	500	Custom	201000129	1,6200
	3/8"Thread	102	Black ●	Red ●	Anti-Ant	500	Custom	201000120	1,6200
	3/8"Thread	132	Black ●	White ○	Anti-Ant	500	Custom	101003413	1,6200
	3/8"Thread	174	Black ●	Violet ●	Anti-Ant	500	Custom	101003423	1,6200
	3/8"Thread	205	Black ●	Yellow ●	Anti-Ant	500	Custom	201000134	1,6200
	5 mm Thread	39	Black ●	Black ●	Anti-Ant	500	Custom	201000135	1,7300
	5 mm Thread	51	Black ●	Blue ●	Anti-Ant	500	Custom	101003426	1,7300
	5 mm Thread	64	Black ●	Dk. Blue ●	Anti-Ant	500	Custom	101003430	1,7300
	5 mm Thread	75	Black ●	Green ●	Anti-Ant	500	Custom	201000130	1,7300
	5 mm Thread	102	Black ●	Red ●	Anti-Ant	500	Custom	101003429	1,7300



2. Rondo Assembly
Cantal Stake

Rondo Assemblies - Cantal Stake, Meteor #44, 4x7 PE, 4X7 coupling									13	
Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Stake	Min. Qty.	Order Status	Item Number	Price €
		(l/h)			(cm)					(each)
	3/8" Thread	39	Black ●	Black ●	60	Cantal	500	Custom	101028939	3,4200
	3/8" Thread	51	Black ●	Blue ●	60	Cantal	500	Custom	101028940	3,4200
2	3/8" Thread	64	Black ●	Dk. Blue ●	60	Cantal	500	Custom	101028941	3,4200
	3/8" Thread	75	Black ●	Green ●	60	Cantal	500	Custom	101028942	3,4200
	3/8" Thread	102	Black ●	Red ●	60	Cantal	500	Custom	101028943	3,4200

Micro Sprinklers & Jets | Rondo Micro Sprinkler



3. Rondo Assembly
Anti-Ant Cup, Super Hammer Stake

Rondo Assemblies - Sup. Hammer Stake, Anti-Ant, 4x7 PE, 4X7 coupling											13
Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Stake	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)			(cm)						(each)
	3/8" Thread	39	Black ●	Black ●	60	Hammer	Anti-Ant	500	Custom	101003543	3,8400
	3/8" Thread	51	Black ●	Blue ●	60	Hammer	Anti-Ant	500	Custom	101003527	3,8400
3	3/8" Thread	75	Black ●	Green ●	60	Hammer	Anti-Ant	500	Custom	101003544	3,8400



4. Rondo Assembly
Anti-Ant Cup, Cantal Stake

Rondo Assemblies - Cantal Stake, Anti-Ant Cup, 4x7 PE, 4X7 coupling											13
Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Stake	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)			(cm)						(each)
	5 mm Thread	39	Black ●	Black ●	60	Cantal	Anti-Ant	500	Custom	101028991	3,1700
	5 mm Thread	51	Black ●	Blue ●	60	Cantal	Anti-Ant	500	Custom	101011815	3,1700
4	5 mm Thread	75	Black ●	Green ●	60	Cantal	Anti-Ant	500	Custom	101028994	3,1700
	5 mm Thread	102	Black ●	Red ●	60	Cantal	Anti-Ant	500	Custom	101011816	3,1700



2. Rondo Inverted Assembly

Rondo Assemblies - Weight, Anti-Leak (Inverted Application), 4x7 PVC Tubing											13
Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Feature	Min. Qty.	Order Status	Item Number	Price €	
		(l/h)			(cm)					(each)	
	Conic Fit	51	Green ●	Blue ●	35	Weight, Anti-Leak	500	Custom	101029091	4,5500	
2	Conic Fit	75	Green ●	Green ●	35	Weight, Anti-Leak	500	Custom	101003569	4,5500	
	Conic Fit	102	Green ●	Red ●	35	Weight, Anti-Leak	500	Custom	101029088	4,5500	

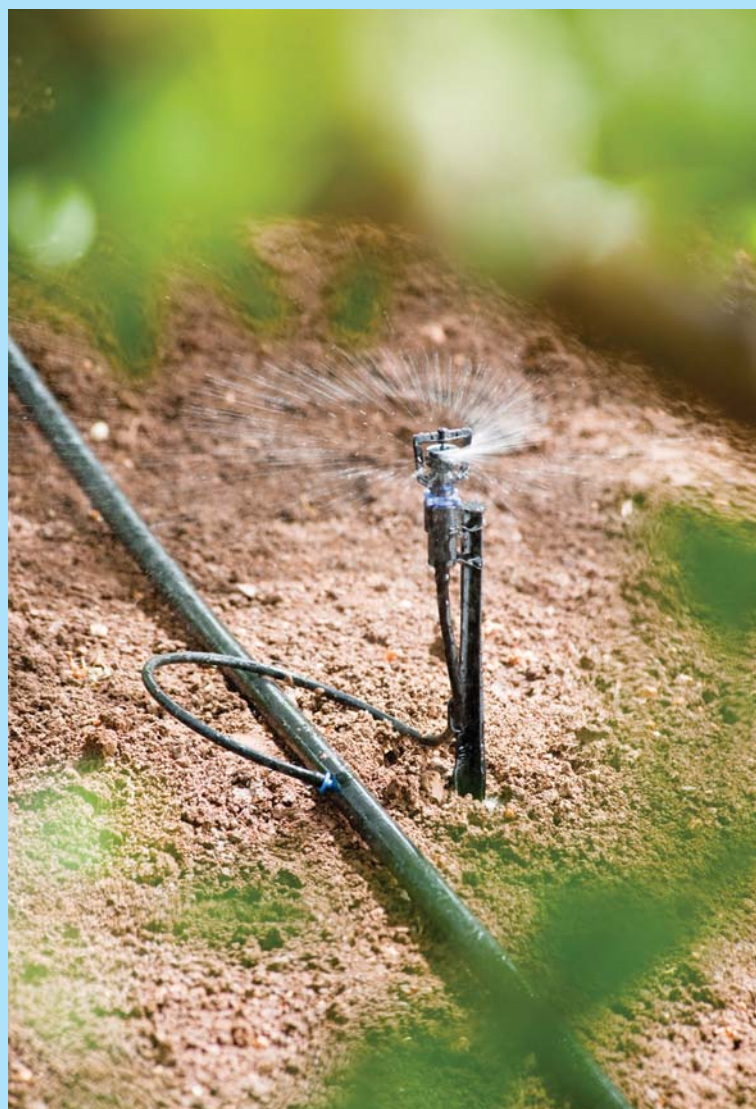
Inverted overhead irrigation for greenhouse or orchards

Features

- Pressure compensated (PC) Medium-Range Micro Sprinkler
- Retracting splash plate
- Optional features: anti-insect cup.
- Flow rates: 30-300 lph
- Installed in upright or inverted position
- Optional features: an anti-insect snap-fit cup, numerous deflector plates, Detachable built-in range limiter providing added protection and specialized spray patterns

Benefits

- Pressure compensated microsprinkler allows inverted application in greenhouse and orchard
- Ideal for long run-length and/or undulating sloping terrain applications
- Configurable features and flexible installation options
- Designed to be easily disassembled, allowing for both field maintenance and replacement of individual parts



Crop Applications

- Installed in upright or inverted position under canopy irrigation and Frost protection in orchards.
- On metal rods for vegetables irrigation.
- Greenhouse: inverted overhead

How to use

- Sprinkler position: upright or inverted
- Under canopy: on plastic stack
- Open field: on metal rods
- Greenhouse: inverted overhead

Use with

Every spare part, stake, fitting and adaptor is in the Rondo accessories section

Single or double bridge frame, Installed in upright or inverted position, 11 colour-coded nozzle sizes
3 assembly options with bayonet-mount

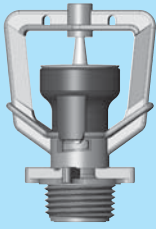
nozzles: 3/8" THM x conic female inlet - accommodates Meteor adaptors or threaded hammer stakes
Ultra Nozzle - with either 5mm threaded inlet (flow rates up to 200 lph) or conic female inlet, mounted on spiked plastic stakes or 8 mm metal rods. Choice of 6 exclusive spinners for different applications.

Micro Sprinklers & Jets | RFR Micro Sprinkler

Technical Data RFR Micro Sprinkler		
Operating pressure range:	1,5 to 3,5 bar	
Filtration requirements:		
I/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



1- RFR
Flow Regulated
Micro Sprinkler



2. RFR
with Anti-Ant
Cup

Micro Sprinklers & Jets | RFR Micro Sprinkler

RFR Micro Sprinkler – Maximum No. of Sprinklers per Lateral

Nominal Flow Rate (lph)	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)					
		ID (mm)	OD (mm)	3	4	5	6	7	8
23	Black	13,6	16,0	27	25	23	—	—	—
		15,2	17,8	33	30	28	—	—	—
		17,4	20,0	42	38	35	—	—	—
30	Blue	13,6	16,0	24	21	21	—	—	—
		15,2	17,8	29	26	24	—	—	—
		17,4	20,0	36	33	30	—	—	—
41	Dark Blue	13,6	16,0	20	18	16	—	—	—
		15,2	17,8	24	21	20	—	—	—
		17,4	20,0	30	27	25	—	—	—
53	Green	13,6	16,0	17	15	14	13	—	—
		15,2	17,8	20	18	17	16	—	—
		17,4	20,0	25	23	21	20	—	—
70	Red	13,6	16,0	—	13	12	11	—	—
		15,2	17,8	—	15	14	13	—	—
		17,4	20,0	—	19	18	17	—	—
95	White	13,6	16,0	—	9	8	8	—	—
		15,2	17,8	—	11	10	10	—	—
		17,4	20,0	—	14	13	12	—	—

Micro Sprinklers & Jets | RFR Micro Sprinkler

RFR Flow Regulated Micro Sprinkler - (upright applications)								12
Image	Fitting	Flow Rate	Spinner	Nozzle	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	3/8" Thread	23	Grey ●	Black ●	500	Custom	201000141	1,1800
	3/8" Thread	30	Grey ●	Blue ●	500	Custom	201000144	1,1800
1	3/8" Thread	41	Grey ●	D. Blue ●	500	Custom	201000143	1,1800
	3/8" Thread	53	Grey ●	Green ●	500	Custom	201000146	1,1800
	3/8" Thread	70	Grey ●	Red ●	500	Custom	201000148	1,1800
	3/8" Thread	95	Grey ●	White ○	500	Custom	201000150	1,1800

RFR Flow Regulated Micro Sprinkler - (Inverted applications)								12
Image	Fitting	Flow Rate	Spinner	Nozzle	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	3/8" Thread	23	Grey ●	Black ●	500	Custom	101003454	1,1800
	3/8" Thread	30	Grey ●	Blue ●	500	Custom	201003440	1,1800
1	3/8" Thread	41	Grey ●	D. Blue ●	500	Custom	101003455	1,1800
	3/8" Thread	53	Grey ●	Green ●	500	Custom	201003441	1,1800
	3/8" Thread	70	Grey ●	Red ●	500	Custom	101011812	1,1800
	3/8" Thread	95	Grey ●	White ○	500	Custom	101018433	1,1800

RFR Flow Regulated Micro Sprinkler - With Anti-Ant Cup (upright applications)									12
Image	Fitting	Flow Rate	Spinner	Nozzle	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)							(each)
2	3/8" Thread	23	Grey ●	Black ●	Anti-Ant	500	Custom	201000142	1,9400
	3/8" Thread	30	Grey ●	Blue ●	Anti-Ant	500	Custom	201000145	1,9400
	3/8" Thread	41	Grey ●	D. Blue ●	Anti-Ant	500	Custom	101003445	1,9400
	3/8" Thread	53	Grey ●	Green ●	Anti-Ant	500	Custom	201000147	1,9400
	3/8" Thread	70	Grey ●	Red ●	Anti-Ant	500	Custom	201000149	1,9400
	3/8" Thread	95	Grey ●	White ○	Anti-Ant	500	Custom	101003446	1,9400

Micro Sprinklers & Jets | RFR Micro Sprinkler



1. RFR Assembly
Cantal Stake

RFR Flow Regulated Assemblies - Cantal Stake, Meteor#44, 4x7 PE Tubing + Blue barb coupling										12
Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Stake	Min. Qty.	Order Status	Item Number	Price €
		(l/h)			(cm)					(each)
	3/8" Thread	23	Grey ●	Black ●	60	Cantal	250	Custom	101029197	3,0300
1	3/8" Thread	30	Grey ●	Blue ●	60	Cantal	250	Custom	101029198	3,0300
	3/8" Thread	41	Grey ●	D. Blue ●	60	Cantal	250	Custom	101029199	3,0300
	3/8" Thread	53	Grey ●	Green ●	60	Cantal	250	Custom	101029200	3,0300
	3/8" Thread	70	Grey ●	Red ●	60	Cantal	250	Custom	101029201	3,0300
	3/8" Thread	95	Grey ●	White ○	60	Cantal	250	Custom	101029202	3,0300



2. RFR Assembly
Anti-Ant, Cantal Stake

RFR Flow Regulated Assemblies - Cantal, Anti-Ant Cup, 4x7 PE Tubing										12	
Image	Fitting	Flow Rate	Spinner	Nozzle	Tube	Stake	Feature	Min. Qty.	Order Status	Item Number	Price €
		(l/h)			(cm)						(each)
	3/8" Thread	23	Grey ●	Black ●	60	Cantal	Anti-Ant	250	Custom	101041691	3,6400
2	3/8" Thread	30	Grey ●	Blue ●	60	Cantal	Anti-Ant	250	Custom	101018440	3,6400
	3/8" Thread	41	Grey ●	D. Blue ●	60	Cantal	Anti-Ant	250	Custom	101041692	3,6400
	3/8" Thread	53	Grey ●	Green ●	60	Cantal	Anti-Ant	250	Custom	101041693	3,6400
	3/8" Thread	70	Grey ●	Red ●	60	Cantal	Anti-Ant	250	Custom	101029205	3,6400
	3/8" Thread	95	Grey ●	White ○	60	Cantal	Anti-Ant	250	Custom	101029204	3,6400

Ideal choices for a wide range of applications in any field conditions

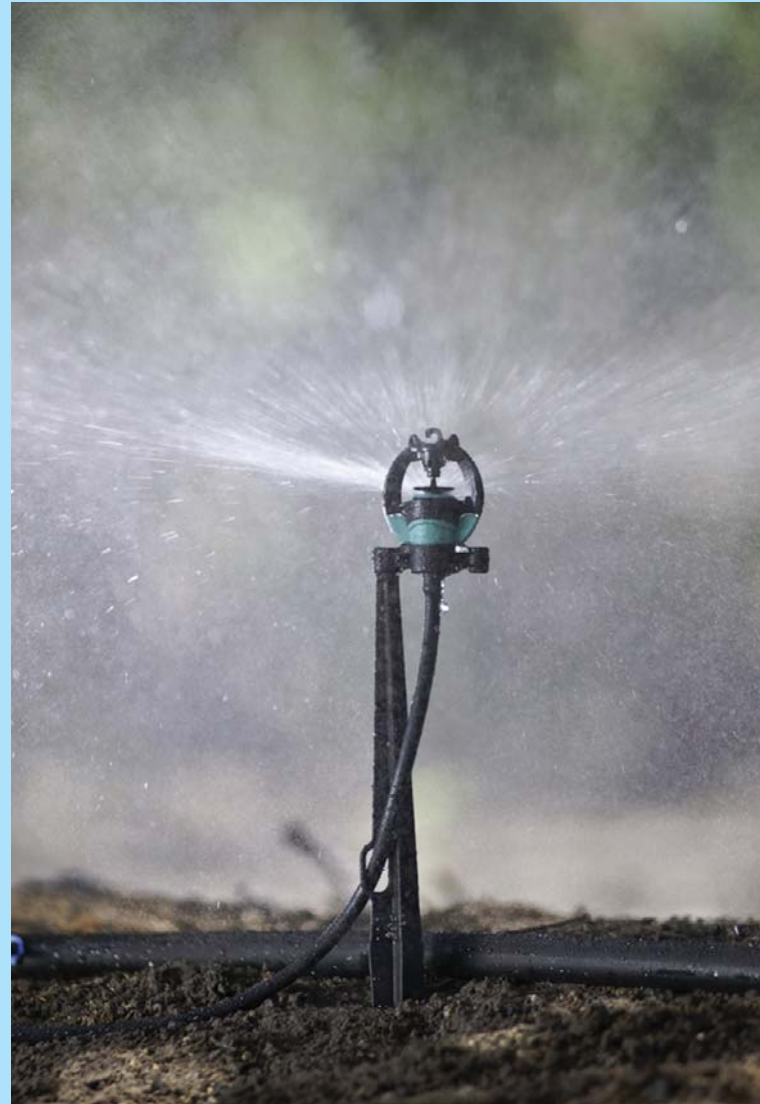
Features

Built to last, the S2000 / S2000PC lines incorporate solid bridges, built-in anti-insect protection, and a wear resistance design.

- Available in pressure compensated (PC) or nonPC feature
- Optional add-on features like the spinner with integral range limiter for a smaller wetting diameter around young trees.
- Inlet connection options: 3/8" THM, 5mm threaded, conic female
- Spinner colors: Black: 29-125 lph Dark blue: 170-300 lph

Benefits

- The flexibility and reliability of the Rivulis Irrigation S2000 Micro Sprinkler to deliver the results you need.
- The added feature of flow regulation extending the use of the sprinklers in applications with sloping fields or long lateral runs.
- Can be installed in different ways including using a plastic stake, a metal stake, and hanging.
- Simple to maintain because it can be easily disassembled, allowing for both field maintenance and replacement of individual parts.



Crop Applications

ideal choices for a wide range of applications including short-term crops such as vegetables and long-term crops such as orchards.

How to use

- Sprinkler position: upright
- Can be installed in different ways including using a plastic stake, a metal stake, and hanging.
- Frost protection of Orchards (under canopy)

Use with

Every spare part, stake, fitting and adaptor is in the S2000 and/or micro-sprinklers accessories section

3 assembly options:

- 3/8" THM x conic female inlet accommodates Meteor #44 adapter mounted on Cantal spiked stake or 3/8" female threaded hammer stake
- 5mm threaded inlet (flow rate up to 205 lph) accommodates 4x7 PE tube mounted on Cantal spiked stake
- Conic female inlet (flow rate up to 125 lph) accommodates plunger and 4x7 PE tube mounted on Cantal spiked stake

Micro Sprinklers & Jets | S2000 Micro Sprinkler

Technical Data S2000 Micro Sprinkler		
Operating pressure range:	1,5 - 2,5 bar	
Nominal pressure:	2,0 bar	
Filtration requirements:		
I/h	Micron	Mesh
29, 37	130	120
51-75	200	80
97 <	250	60

Technical Data S2000 Flow Regulated Micro Sprinkler		
Nominal pressure:	2,0 bar	
Operating pressure range:		
24, 31, 41, 53, 70 l/h	1,5 - 3,5 bar	
95 l/h	1,75 - 3,5 bar	
Filtration requirements:		
I/h	Micron	Mesh
24-41	130	120
53-95	200	80



1. S2000 Micro Sprinkler - 3/8" Female Conic



2. S2000 Micro Sprinkler with Trunk Protector - 3/8" Female Conic



3. S2000 Flow Regulated Micro Sprinkler 3/8"

Purchasing Information S2000 Micro Sprinkler & S2000 Flow Regulated Micro Sprinkler	
Quantities Bag:	250
Quantities Box:	1 500
Box dimensions:	L490 x W355 x H355

Micro Sprinklers & Jets | S2000 Micro Sprinkler

S2000 Micro Sprinkler / S2000 Flow Regulated Micro Sprinkler – Maximum No. of Sprinklers per Lateral (2 bar, 0% slope, 10% Flow Rate Variation)

Product	Nominal Flow Rate (lph)	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)						
			ID (mm)	OD (mm)	3	4	5	6	7	8	
			(Number of Sprinklers)								
S2000 Micro Sprinkler	29	Light Blue	13,6	16,0	23	21	19	18	17	16	
			15,2	17,8	28	25	23	22	20	19	
			17,4	20,0	36	32	30	28	26	25	
	37	Black	13,6	16,0	20	18	16	15	14	13	
			15,2	17,8	24	21	20	18	17	16	
			17,4	20,0	30	27	25	23	22	21	
	51	Blue	13,6	16,0	16	14	13	12	11	11	
			15,2	17,8	19	17	16	15	14	13	
			17,4	20,0	25	22	20	19	18	17	
	61	Dark Blue	13,6	16,0	23	21	19	18	17	16	
			15,2	17,8	28	25	23	22	20	19	
			17,4	20,0	36	32	30	28	26	25	
	75	Green	13,6	16,0	12	11	10	9	9	8	
			15,2	17,8	15	13	12	11	11	10	
			17,4	20,0	19	17	16	15	14	13	
	97	Red	16,0	13,6	10	9	8	8	7	7	
			17,8	15,2	12	11	10	9	9	8	
			20,0	17,4	16	14	13	12	11	11	
	125	White	16,0	13,6	8	8	7	6	6	6	
			17,8	15,2	10	9	9	8	7	7	
			20,0	17,4	13	12	11	10	10	9	
	S2000 Flow Regulated Micro Sprinkler	24	Black	13,6	16,0	20	19	17	16	15	14
				15,2	17,8	25	23	21	20	18	17
				17,4	20,0	32	29	27	25	24	22
		31	Blue	13,6	16,0	17	16	14	14	13	12
				15,2	17,8	21	19	17	17	16	15
				17,4	20,0	27	24	23	21	20	19
41		Dark Blue	13,6	16,0	15	14	12	11	11	11	
			15,2	17,8	18	16	15	14	13	13	
			17,4	20,0	27	23	22	20	20	19	
53		Green	13,6	16,0	13	11	11	10	9	9	
			15,2	17,8	15	14	13	12	11	11	
			17,4	20,0	19	17	16	15	14	14	
70		Red	13,6	16,0	10	9	8	7	8	7	
			15,2	17,8	9	7	8	7	6	6	
			17,4	20,0	16	15	14	13	12	12	
95		White	13,6	16,0	6	5	5	5	5	4	
			15,2	17,8	8	7	6	5	6	6	
			17,4	20,0	10	8	7	8	7	7	

Micro Sprinklers & Jets | S2000 Micro Sprinkler

S2000 Micro Sprinkler - 3/8" / Female Conic Fitting									12
Image	Spinner	Nozzle	Flow Rate	Spray Dia.	Feature	Min. Qty.	Order Status	Item Number	Price €
			(l/h)	(m)					(each)
	Black ●	Lt. Blue ●	29	6,5		250	Custom	101042242	1,7800
1	Black ●	Black ●	37	6,0		250	Custom	101028804	1,7800
	Black ●	Blue ●	51	6,5		250	Custom	101042198	1,7800
	Black ●	D. Blue ●	61	7,0		250	Custom	101042199	1,7800
	Black ●	Green ●	75	8,0		250	Custom	101028805	1,7800
	Black ●	Red ●	97	9,0		250	Custom	101042200	1,7800
	Black ●	White ○	125	10,0		250	Custom	101028806	1,7800
	Black ●	Lt. Blue ●	29	1,0	Range Limiter	250	Custom	101042247	1,8900
	Black ●	Black ●	37	1,0	Range Limiter	250	Custom	101028809	1,8900
	Black ●	Blue ●	51	1,4	Range Limiter	250	Custom	101042249	1,8900
	Black ●	D. Blue ●	61	1,4	Range Limiter	250	Custom	101042250	1,8900
2	Black ●	Green ●	75	1,4	Range Limiter	250	Custom	101028810	1,8900
	Black ●	Red ●	97	1,4	Range Limiter	250	Custom	101042271	1,8900
	Black ●	White ○	125	2,0	Range Limiter	250	Custom	101028811	1,8900
	D. Blue ●	Purple ●	170	9,5		250	Custom	101028815	1,7800
	D. Blue ●	Yellow ●	205	10,0		250	Custom	101028816	1,7800
	D. Blue ●	Brown ●	260	10,0		250	Custom	101042213	1,7800
	D. Blue ●	Orange ●	300	10,5		250	Custom	101028817	1,7800

Micro Sprinklers & Jets | S2000 Micro Sprinkler



3. S2000 Micro Sprinkler Assembly
Sprinkler, adapter, stake, tubing, 4x7 connector

S2000 Micro Sprinkler Assemblies - 3/8" x Conic (Sprinkler, Meteor#44 adapter, Cantal stake, PE tubing, 4x7 coupling)										25
Image	Spinner	Nozzle	Flow Rate		Tube	Stake	Min. Qty.	Order Status	Item Number	Price €
			(l/h)		(cm)					(each)
	Black ●	Lt. Blue ●	29	Meteor 44	60	Cantal	250	Custom	101042757	3,4000
	Black ●	Black ●	37	Meteor 44	60	Cantal	250	Custom	101042758	3,4000
	Black ●	Blue ●	51	Meteor 44	60	Cantal	250	Custom	101042759	3,4000
	Black ●	D. Blue ●	61	Meteor 44	60	Cantal	250	Custom	101042760	3,4000
3	Black ●	Green ●	75	Meteor 44	60	Cantal	250	Custom	101042761	3,4000
	Black ●	Red ●	97	Meteor 44	60	Cantal	250	Custom	101042762	3,4000
	Black ●	White ○	125	Meteor 44	60	Cantal	250	Custom	101042763	3,4000

S2000 Flow Regulated Micro Sprinkler - 3/8"										25
Image	Spinner	Nozzle	Flow Rate	Spray Dia.	Feature	Min. Qty.	Order Status	Item Number	Price €	
			(l/h)						(each)	
	Grey ●	Black ●	24	5,0	Flow Regulated	250	Custom	101028818	2,0500	
	Grey ●	Blue ●	31	5,0	Flow Regulated	250	Custom	101042220	2,0500	
3	Grey ●	Green ●	53	6,0	Flow Regulated	250	Custom	101028819	2,0500	
	Grey ●	Red ●	70	7,0	Flow Regulated	250	Custom	101042222	2,0500	
	Grey ●	White ○	95	7,5	Flow Regulated	250	Custom	101028820	2,0500	
	Grey ●	Black ●	24	1,0-1,5	Flow Regulated, Range Limiter	250	Custom	101028821	2,0500	
	Grey ●	Blue ●	31	1,0-1,5	Flow Regulated, Range Limiter	250	Custom	101042546	2,0500	
	Grey ●	Green ●	53	1,0-1,5	Flow Regulated, Range Limiter	250	Custom	101028822	2,0500	
	Grey ●	Red ●	70	1,0-1,5	Flow Regulated, Range Limiter	250	Custom	101042548	2,0500	
	Grey ●	White ○	95	1,0-1,5	Flow Regulated, Range Limiter	250	Custom	101028823	2,0500	

Micro Sprinklers & Jets | S2000 Micro Sprinkler



2. S2000 Flow Regulated Micro Sprinkler Assembly
Sprinkler, Meteor#44 adapter, stake, tubing, 4x7 coupling

S2000 Flow Regulated Micro Sprinkler Assemblies - 3/8"										25
Image	Spinner	Nozzle	Flow Rate	Adapter	Tube	Stake	Min. Qty.	Order Status	Item Number	Price €
			(l/h)		(cm)					(each)
	Grey ●	Black ●	24	Meteor#44	60	Cantal	250	Custom	101042862	4,1000
	Grey ●	Blue ●	31	Meteor#44	60	Cantal	250	Custom	101042863	4,1000
2	Grey ●	Green ●	53	Meteor#44	60	Cantal	250	Custom	101042865	4,1000
	Grey ●	Red ●	70	Meteor#44	60	Cantal	250	Custom	101042866	4,1000
	Grey ●	White ○	95	Meteor#44	60	Cantal	250	Custom	101042867	4,1000

(Sprinkler, Meteor#44 adapter, cantal stake, PE tubing, 4x7 coupling)

S2000 Micro Sprinkler Accessories					12
Image	Description	Min. Qty.	Order Status	Item Number	Price €
					(each)
1	S2000 Upper Bearing	250	Custom	201012709	0,1300
2	S2000 Bridge	250	Custom	201012708	0,4200
	Dark Blue Spinner For S2000 For High Flow	250	Custom	201012710	0,1300



- 1** Upper bearing
- 2** Bridge
- 3** Spinner
- 4** 3/8" flow regulated nozzle

Micro Sprinklers & Jets | S2000 Micro Sprinkler

S2000 Micro Sprinkler Nozzles - 3/8" x Conic							12
Image	Description	Color	Flow Rate	Min. Qty.	Order Status	Item Number	Price €
			(l/h)				(each)
	Nozzle	Lt. Blue ●	29	250	Custom	201013791	0,3200
	Nozzle	Black ●	37	250	Custom	101029244	0,3200
	Nozzle	Blue ●	51	250	Custom	201013792	0,3200
	Nozzle	D. Blue ●	61	250	Custom	201013793	0,3200
4	Nozzle	Green ●	75	250	Custom	101029245	0,3200
	Nozzle	Red ●	97	250	Custom	201013794	0,3200
	Nozzle	White ○	125	250	Custom	101029246	0,3200
	Nozzle	Purple ●	170	250	Custom	101029247	0,3200
	Nozzle	Yellow ●	205	250	Custom	101029248	0,3200
	Nozzle	Brown ●	260	250	Custom	201013795	0,3200
	Nozzle	Orange ●	300	250	Custom	101029249	0,3200
	Nozzle - Flow Regulated	Black ●	24	250	Custom	101038395	0,6500
	Nozzle - Flow Regulated	Blue ●	31	250	Custom	201013816	0,6500
	Nozzle - Flow Regulated	Green ●	53	250	Custom	101038397	0,6500
	Nozzle - Flow Regulated	Red ●	70	250	Custom	201013818	0,6500
	Nozzle - Flow Regulated	White ○	95	250	Custom	101038398	0,6500

S2000 Micro Sprinkler Nozzles - 5 mm							12
Image	Description	Color	Flow Rate	Min. Qty.	Order Status	Item Number	Price €
			(l/h)				(each)
	Nozzle	Lt. Blue ●	29	250	Custom	201013807	0,3200
	Nozzle	Black ●	37	250	Custom	201013808	0,3200
	Nozzle	Blue ●	51	250	Custom	201013809	0,3200
	Nozzle	D. Blue ●	61	250	Custom	201013810	0,3200
	Nozzle	Green ●	75	250	Custom	201013811	0,3200
	Nozzle	Red ●	97	250	Custom	201013812	0,3200
	Nozzle	White ○	125	250	Custom	201013813	0,3200
	Nozzle	Purple ●	170	250	Custom	201013814	0,3200
	Nozzle	Yellow ●	205	250	Custom	201013815	0,3200

The flow regulated nozzle is 3/8" only

Trunk Protector for S2000 Micro Sprinkler					12
Image	Description	Min. Qty.	Order Status	Item Number	Price €
					(each)
1	S2000 Trunk Protector	250	Custom	201013819	0,1400

Micro Sprinklers & Jets | Super XL

Single, Continuous Stream

Features

- Slow, rotating rotor sprinkler
- Continuous jet stream of water
- Effective wetting diameter: up to 17,0m at 2,5 bar
- Available with 3/8" or 1/2" THM base
- 4 color-coded nozzles for easy flow rate identification (at 2,5 bar: 190-340 lph)
- Available with pressure regulator

Benefits

- Uniform wetting pattern
- Easy to assemble and dismantle, it allows efficient installation and maintenance
- Made of premium materials, resisting UV degradation and break down from exposure to chemicals and fertilizers



Crop Applications

- Orchards
- Vegetable fields
- Nurseries.

How to use

- Sprinkler position: upright
- Can be mounted on PVC risers
- Used with adapters to be compatible with metal rods or plastic stakes

Use with

Every spare part, stake, fitting and adaptor is in the Super XL and/or micro-sprinklers accessories section

May be mounted on 1/2" PVC riser or used with Rivulis's Meteor adapter on metal rods or plastic stakes

Micro Sprinklers & Jets | Super XL

Technical Data Super XL Sprinkler

Operating pressure range:	2,5 to 3,5 bar
Violet	3,0 - 3,5 bar
Pressure (for flow rate calculation)	2,5 bar

Filtration requirements:

I/h	Micron	Mesh
24-41	130	120
53-95	200	80



Super XL - 3/8" Thread Base



Super XL - 1/2" Thread Base

Super XL Sprinkler – Product Specifications/Options

Product	Nominal Flow Rates (lph)	Nozzle Color & Size (mm)	Rotor	Inlet Connections
Super XL Sprinkler	191	Violet (1,8)	Brown w/Blue cover	3/8" Male thread, 1/2" male thread
	235	Yellow (2,0)		
	290	Brown (2,2)	Brown w/Green cover	
	341	Orange (2,4)		

Pressure: at 2.5 bar

Purchasing Information Super XL Sprinkler

Quantities Bag:	250
Quantities Box:	1 500
Box dimensions:	L490 x W355 x H355

Micro Sprinklers & Jets | Super XL

Super XL Sprinkler – Maximum Recommended no. of Sprinklers on Laterals

Nominal Flow Rate	Nozzle Color	Hose Size	Spacing Between Sprinklers (m)			
(lph)		(mm)	6	7	8	9
191	Violet	40 / 36,6	32	31	29	28
235	Yellow		28	27	25	24
290	Brown		25	23	22	21
341	Orange		22	21	20	19

Super XL – Performance Data

Nozzle Color & Size	Pres.	Flow Rate	Wetting Diameter*		Application Rate (mm/h)**													
			Brown Rotor		Spacing (mxm) – Rectangular Layout ***													
			6x6	6x7	6x8	6x9	6x10	7x7	7x8	7x9	7x10	8x8	8x9	8x10	9x9	9x10		
(mm)	(bar)	(lph)	Blue Cover	Green Cover	(Number of Sprinklers)													
Violet 1,8	3,0	209	16,5	-	5,8	5,0	4,4	3,9	3,5	4,3	3,7	3,3	3,0	3,3	2,9	2,6	2,6	2,3
Yellow 2,0	2,5	235	15,5	-	6,5	5,6	4,9	4,4	3,9	4,8	4,2	3,7	3,4	3,7	3,3	2,9	2,9	2,6
	3,0	258	16,5	-	7,2	6,1	5,4	4,8	4,3	5,3	4,6	4,1	3,7	4,0	3,6	3,2	3,2	2,9
Brown 2,2	2,5	290	-	17,0	8,1	6,9	6,0	5,4	4,8	5,9	5,2	4,6	4,1	4,5	4,0	3,6	3,6	3,2
	3,0	315	-	16,0	8,8	7,5	6,6	5,8	5,3	6,4	5,6	5,0	4,5	4,9	4,4	3,9	3,9	3,5
Orange 2,4	2,5	341	-	17,0	9,5	8,1	7,1	6,3	5,7	7,0	6,1	5,4	4,9	5,3	4,7	4,3	4,2	3,8
	3,0	373	-	16,5	10,4	8,9	7,8	6,9	6,2	7,6	6,7	5,9	5,3	5,8	5,2	4,7	4,6	4,1

* At 75 cm above ground level

** Performance data are obtained under ideal test conditions and may be adversely affected by wind, hydraulic conditions, and other factors,

*** 8x10, 9x9, 9x10 – Recommended for undertree irrigation

Micro Sprinklers & Jets | Super XL

Super XL Sprinkler								13
Image	Fitting	Flow Rate	Nozzle	Rotor	Min. Qty.	Order Status	Item Number	Price €
		(l/h)						(each)
	3/8" Thread	191	Violet ●	Brown w/Blue Cover ● ●	250	Standard	101003649	4,5000
	3/8" Thread	235	Yellow ●	Brown w/Blue Cover ● ●	250	Standard	101003653	4,5000
	3/8" Thread	290	Brown ●	Brown w/ Green Cover ● ●	250	Custom	101003650	4,5000
1	3/8" Thread	341	Orange ●	Brown w/ Green Cover ● ●	250	Standard	101003651	4,5000
2	1/2" Thread	191	Violet ●	Brown w/Blue Cover ● ●	250	Standard	101003655	4,5000
	1/2" Thread	235	Yellow ●	Brown w/Blue Cover ● ●	250	Custom	101003656	4,5000
	1/2" Thread	290	Brown ●	Brown w/ Green Cover ● ●	250	Custom	101003657	4,5000
	1/2" Thread	341	Orange ●	Brown w/ Green Cover ● ●	250	Custom	101003658	4,5000













1. Meteor and Tubing Assembly
(Super XL and Metal Rod Sold Separately)

Super XL Assemblies					15
Image	Description	Min. Qty.	Order Status	Item Number	Price €
					(each)
1	Meteor 14, 9 x 13 PVC Feeder Tube - 60 cm, Starting barb x barb Connector (Requires separate purchase of 8 mm rod and sprinkler)	500	Custom	101022758	4,1700
	Super XL (3/8" Thread) Field Stand, 120 cm 9 x 13 PVC (Requires separate purchase of 8 mm rod and sprinkler)	500	Standard	101003707	7,6300

Micro Sprinklers & Jets | Accessories

Sprinkler Accessories					15
Image	Description	Min. Qty.	Order Status	Item Number	Price (EUR) (Each)
	Cantal Stake 35 cm (For Ultra Nozzles and Meteors)	550	Custom	201000259	0,4000
	Cantal Stake 45 cm (For Ultra Nozzles and Meteors)	220	Custom	201000851	0,8300
	Cantal Stake 60 cm (For Ultra Nozzles and Meteors)	220	Custom	201000852	1,0700
	Cantal Hammer Stake- Black (For Tornado Ray Jet, Micro Sprinkler, threaded Rondo, or Conic Rondo)	500	Standard	201000258	0,5250
	Hammer Stake (Super) 4/7 - 3/8" F (For Rondo, RFR, Jet+, JFR)	500	Custom	201000207	0,5900
	Metal Rod 8 mm - 1,20 m	1	Standard	101003758	7,0000

Micro Sprinklers & Jets | Accessories

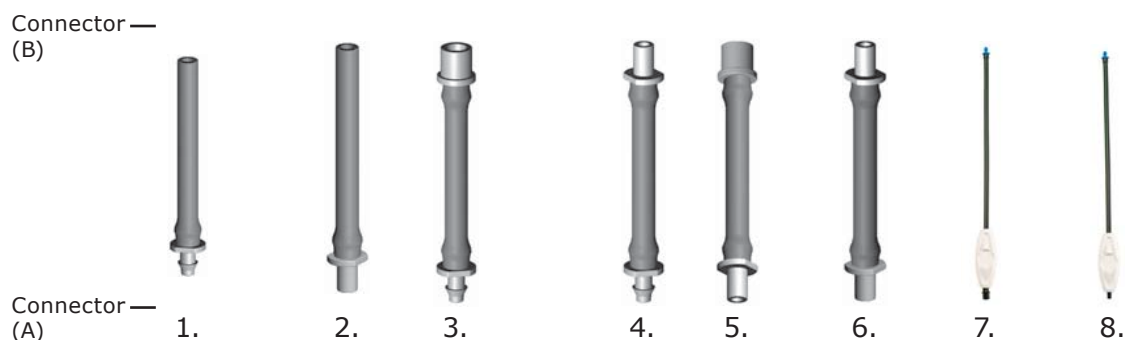
Sprinkler Accessories					15
Image	Description	Min. Qty.	Order Status	Item Number	Price € (each)
	4x7 Blue Barb Coupling (Connects Micro Tube to Hose Lateral)	500	Standard	201000205	0,0600
	6 mm Female Conic plunger	500	Custom	101001966	0,1850
	6 mm Male Plunger -Male Conic x barb (Connects to Micro Tube with Female Conic End)	500	Custom	101001882	0,0700
	Male Conic Coupler (6 mm)	100	Custom	101003735	0,3350
	Male Conic x - 1/2" female Threads (Adapter from PVC to Rondo Female Conic end)	500	Custom	201000206	0,2500
	Female Conic x - 1/2" female Threads (Adapter from PVC to Tornado Male Conic end)	500	Custom	201000276	0,2700
	6 mm Flat barb Plunger- Female Conic x barbed Gromet (To Insert Laterals to a Male Conic End)	100	Custom	101003727	0,3300
	9 mm Flat barb plunger	100	Custom	101003728	0,3600
	9 mm Male conic x 12 mm barb connector	100	Custom	101003726	0,4000
	9 mm Conic male plug	100	Custom	101003725	0,3600

Jet+ Jet Spray Parts						12
Image	Description	Head Color	Min. Qty.	Order Status	Item Number	Price € (each)
	Jet+ Tapa 360°	Black ●	500	Custom	201000194	0,3400
	Jet+ Tapa 300°	Orange ●	500	Custom	201000195	0,3220
	Jet+ Tapa 180°	Red ●	500	Custom	201000787	0,3220

Micro Sprinklers & Jets | Accessories

Micro Sprinkler Tubing Assemblies - PE and PVC								15
Image	Tube	Tube Length	Connector A	Connector B	Min. Qty.	Order Status	Item Number	Price €
		(cm)						(each)
1	4x7 mm PE	60	Blue Start Connector		500	Standard	201000255	0,6900
2	4x7 mm PE	60	Male Conic		500	Custom	101029288	0,9200
3	4x7 mm PE	60	Blue Start Connector	Female Conic	100	Custom	101011442	1,3400
4	4x7 mm PE	60	Blue Start Connector	Male Conic	500	Custom	201000256	0,9800
5	4x7 mm PE	60	Male Conic	Female Conic	500	Custom	101029373	1,5800
6	4x7 mm PE	60	Male Conic	Male Conic	100	Custom	101013020	1,2000
1	5x8 mm PE	60	Blue Start Connector		500	Custom	101003692	0,7300
2	5x8 mm PE	120	Male Conic		100	Custom	101010934	1,3600
3	4x7 mm PVC	35	Blue Start Connector	Female Conic	500	Custom	101029341	1,2200
4	4x7 mm PVC	35	Blue Start Connector	Male Conic	500	Custom	101029340	0,8600
7	4x7 mm PVC w/ Weight	35	Blue Start Connector	Female Conic	500	Custom	101022996	2,3900
8	4x7 mm PVC w/ Weight	35	Blue Start Connector	Male Conic	500	Standard	201000260	2,0300

Technical Data Tubing Assemblies
4 x 7 PE Assemblies - Limited to 130 l/h
5 x 8 PE Assemblies - Limited to 175 l/h
Note: for flow rates above 200 l/h use 9 x 12 Assemblies



Micro Sprinklers & Jets | Accessories

Anti-Leak Valves and Weights								15
Image	Description	Pressure Rating	Inlet	Outlet	Min. Qty.	Order Status	Item Number	Price € (each)
	Anti-Leak Valve - Low Pressure (For use with Rondo Mist, Rondo Micro, Tornado, and Feeder Tubing)	Low	3/8" Male Threads/ Female Conic	Male Conic	500	Standard	201000202	1,0600
	Anti-Leak Valve - Low Pressure (For use with Tornado Mist without Feeder Tubing)	Low	3/8" Male Threads/ Female Conic	Barb	500	Custom	201000203	1,0600
	Anti-Leak Valve - Standard (For use with Rondo Mist with out feeder Tubing)	Low	Barb	Male Conic	500	Standard	201000204	1,0600
	Anti-Leak Valve - High Pressure (For use with Rondo Mister, FLF 2-Way and 4-Way)	High	3/8" Male Threads/ Female Conic	Male Conic	500	Standard	201000236	1,0600
	Anti-Leak Valve - High Pressure (For use with Tornado Mister and Without Feeder Tubing)	High	Barb	3/8" Male Threads/ Female Conic	500	Custom	201000831	1,0600
	Anti-Leak Valve - High Pressure (For Use with Rondo Mister, FLF 2-Way and 4-Way and Without Feeder Tubing)	High	Barb	Male Conic	500	Standard	201000832	1,0600
	Anti-Leak Valve - High Pressure (For Use With Tornado Mister and single outlet FLF)	High	Male Conic	3/8" Male Threads/ Female Conic	500	Custom	201000833	1,0600
	Weight - White				400	Standard	101003723	0,7600
	4x7 Start connector - grommet				500	Custom	101003862	0,3150

Technical Data Anti-Leak Valve (Low)
Closing Pressure: 0,6 (bar)
Opening Pressure: 2,0 (bar)
Flow Direction: Bidirectional
Color: Grey

Technical Data Anti-Leak Valve (High)
Closing Pressure: 1,4 (bar)
Opening Pressure: 3,5 (bar)
Flow Direction: Single direction
Color: Light Blue

Micro Sprinklers & Jets | Accessories



1. Nozzle
(3/8" Thread)

Nozzles for Rondo and Jet+							13
Image	Description	Flow Rate	Nozzle	Min. Qty.	Order Status	Item Number	Price € (each)
		(l/h)					(each)
	Nozzle - 3/8" Male Thread/Female Conic	39	Black ●	500	Standard	201000158	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	51	Blue ●	500	Standard	201000159	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	64	D. Blue ●	500	Custom	201000770	0,1300
1	Nozzle - 3/8" Male Thread/Female Conic	75	Green ●	500	Standard	201000160	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	102	Red ●	500	Standard	201000161	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	132	White ○	500	Standard	201000162	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	174	Purple ●	500	Standard	201000163	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	205	Yellow ●	500	Standard	201000164	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	254	Brown ●	500	Custom	201000771	0,1300
	Nozzle - 3/8" Male Thread/Female Conic	298	Orange ●	500	Standard	201000165	0,1300



2. Nozzle (Flow Regulated)
(3/8" Thread)

Nozzles for RFR and JFR (Flow Regulated)							12
Image	Description	Flow Rate	Nozzle	Min. Qty.	Order Status	Item Number	Price € (each)
		(l/h)					(each)
	Nozzle (Flow Regulated) - 3/8" Male Thread	23	Black ●	500	Custom	201000785	0,4400
	Nozzle (Flow Regulated) - 3/8" Male Thread	30	Blue ●	500	Custom	201000786	0,4400
	Nozzle (Flow Regulated) - 3/8" Male Thread	41	D. Blue ●	500	Custom	201000190	0,4400
2	Nozzle (Flow Regulated) - 3/8" Male Thread	53	Green ●	500	Custom	201000191	0,4400
	Nozzle (Flow Regulated) - 3/8" Male Thread	70	Red ●	500	Custom	201000192	0,4400
	Nozzle (Flow Regulated) - 3/8" Male Thread	95	White ○	500	Custom	201000193	0,4400

Micro Sprinklers & Jets | Accessories



1. Ultra Nozzle (Female Conic)



2. Ultra Nozzle (5 mm Thread)

Ultra Nozzles for Rondo and Jet+							13
Image	Description	Flow Rate	Nozzle	Min. Qty.	Order Status	Item Number	Price € (each)
		(l/h)					(each)
	Ultra Nozzle - Female Conic	39	Black ●	500	Standard	201000166	0,1830
	Ultra Nozzle - Female Conic	51	Blue ●	500	Custom	201000167	0,1830
	Ultra Nozzle - Female Conic	64	Dk. Blue ●	500	Standard	201000922	0,1830
	Ultra Nozzle - Female Conic	75	Green ●	500	Standard	201000168	0,1830
	Ultra Nozzle - Female Conic	102	Red ●	500	Standard	201000169	0,1830
1	Ultra Nozzle - Female Conic	132	White ○	500	Custom	201000170	0,1830
	Ultra Nozzle - Female Conic	174	Violet ●	500	Custom	201000171	0,1830
	Ultra Nozzle - Female Conic	205	Yellow ●	500	Custom	201000172	0,1830
	Ultra Nozzle - Female Conic	254	Brown ●	500	Custom	201000890	0,1830
	Ultra Nozzle - Female Conic	298	Orange ●	500	Custom	201000173	0,1830
	Ultra Nozzle - 5 mm Thread	30	Lt. Blue ●	500	Custom	201000772	0,1700
2	Ultra Nozzle - 5 mm Thread	39	Black ●	500	Custom	201000174	0,1700
	Ultra Nozzle - 5 mm Thread	51	Blue ●	500	Custom	201000175	0,1700
	Ultra Nozzle - 5 mm Thread	64	Dk. Blue ●	500	Custom	201000176	0,1700
	Ultra Nozzle - 5 mm Thread	75	Green ●	500	Custom	201000177	0,1700
	Ultra Nozzle - 5 mm Thread	102	Red ●	500	Custom	201000178	0,1700
	Ultra Nozzle - 5 mm Thread	132	White ○	500	Custom	201000773	0,1700

Micro Sprinklers & Jets | Accessories

Rondo Parts					13
Image	Description	Min. Qty.	Order Status	Item Number	Price € (each)
					(each)
1	Double Bridge - Rondo	500	Standard	201000185	0,1800
2	Anti Insect Cap	500	Custom	201000186	0,1400

Deflectors for Rondo					12
Image	Description	Min. Qty.	Order Status	Item Number	Price € (each)
					(each)
3	Deflector 2X30°, Blue ●	500	Custom	201000275	0,0900
4	Deflector 90°, Black ●	500	Custom	201000188	0,1400
5	Deflector 180°, Red ●	500	Custom	201000189	0,0900
6	Deflector 360°, Green ●	500	Custom	201000238	0,0600
7	Deflector - Mist 360°, Purple ●	500	Custom	201000187	0,0700

Spinners for Rondo					13
Image	Description	Min. Qty.	Order Status	Item Number	Price € (each)
					(each)
8	Spinner -Vertical, Convex Trajectory, Black ●	500	Standard	201000179	0,1200
9	Spinner - Vertical, Flat Trajectory, Purple ●	500	Custom	201000183	0,1600
10	Spinner -Inverted, Convex Trajectory, Green ●	500	Standard	201000182	0,1600
11	Spinner -Inverted, Flat Trajectory, Blue ●	500	Custom	201000181	0,1730
12	Spinner -Vertical, Convex Trajectory (RFR), Grey ●	500	Custom	201000180	0,1200
13	Spinner -Inverted, Flat Trajectory (RFR), Red ●	500	Custom	201000293	0,4300
14	Spinner -Vertical - Limiter, Black ●	500	Custom	201000184	0,1200
15	Spinner -Vertical (RFR) - Limiter, Grey ●	500	Custom	201000252	0,1320



1. 201000185



2. 201000186



3. 201000275



4. 201000188



5. 201000189



6. 201000238



7. 201000187



8. 201000179



9. 201000183



10. 201000182



11. 201000181



12. 201000180



13. 201000293




14. 201000184



15. 201000252

Micro Sprinklers & Jets | Accessories

Meteor Adapters											15
Image	Description	Color	Mat.	Inlet Con.	Outlet Con.	Connects with:	Applications	Min. Qty.	Order Status	Item Number	Price € (each)
											(each)
	Meteor 44	Black ●	PP	Barb	3/8" THF	4x7 mm Tubing	Rondo 3/8", Jet+, RFR, JFR, Super XL	500	Standard	201000822	0,1600
	Meteor 54	Brown ●	Acetal	Barb	3/8" THF	4x7 mm, 5x8 mm Tubing	Rondo 3/8", Jet+, RFR, JFR, Super XL	500	Custom	201000865	0,2500
	Meteor 46	Black ●	PP	Barb	1/2" THM/ 3/8"THF	4x7 mm	Tornado Take-Apart	500	Custom	201000200	0,3400
	Meteor 46 - 1,5 bar Regulation	Black ●	PP	Barb	1/2" THM/ 3/8"THF	4x7 mm	Tornado Take-Apart	500	Custom	201000828	2,3800
	Meteor 47	Black ●	PP	Barb	3/8" THF	4x7 mm, 5x8 mm	Rondo 3/8", Jet+, RFR, JFR	500	Custom	201000866	0,3400
	Meteor 47 - 2,0 bar Regulation	Black ●	PP	Barb	3/8" THF	4x7 mm, 5x8 mm	Rondo 3/8", Jet+	500	Custom	201000926	2,3800
	Meteor 47 - 2,5 bar Regulation	Black ●	PP	Barb	3/8" THF	4x7 mm, 5x8 mm	Rondo 3/8", Jet+	500	Custom	201003455	2,3800

Micro Sprinklers & Jets | Accessories

Meteor Adapters											15
Image	Description	Color	Mat.	Inlet Con.	Outlet Con.	Connects with:	Applications	Min. Qty.	Order Status	Item Number	Price € (each)
											(each)
	Meteor 67	Black •	PP	1/2" Male	3/8" THF	1/2" Female Thread	Rondo, Jet+, Super XL	500	Custom	201012728	0,3800
	Meteor 67 - 2,0 bar Regulation	Black •	PP	1/2" Male	3/8" THF	1/2" Female Thread	Rondo, Jet+, Super XL	500	Custom	201012734	2,4100
	Meteor 67 - 2,5 bar Regulation	Black •	PP	1/2" Male	3/8" THF	1/2" Female Thread	Rondo, Jet+, Super XL	500	Custom	201003457	2,4200
	Meteor 14	Black •	PP	10 x 12 Barb	3/8" THF	PE 10x12 mm y PVC 9x13 mm	Rondo, Super XL	500	Custom	201000818	0,2450
	Meteor 17 - 2,0 bar Regulated	Black •	PP	10 x 12 Barb	3/8" THF	PE 10x12 mm y PVC 9x13 mm	Rondo, Super XL	500	Custom	201000826	2,3800
	Meteor 17 - 2,5 bar Regulated	Black •	PP	10 x 12 Barb	3/8" THF	PE 10x12 mm y PVC 9x13 mm	Rondo, Super XL	500	Custom	201000827	2,3800
	Holder	Black •						500	Custom	201000846	0,2425

Meteor Adapters assembly											15
Image	Description	Color	Mat.	Tube	Tube Length (cm)	Option	Applications	Min. Qty.	Order Status	Item Number	Price € (each)
											(each)
	Meteor 44 + PE 4x7 -30cm 4x7 Black + WEIGHT	Black •	PP	4x7 PE	30cm	Weight	Rondo 3/8", Jet+, RFR, JFR, Super XL	500	Custom	WT11933	1,5000

Plastic Impact Sprinklers

Plastic Impact Sprinklers



Plastic Impact Sprinklers | Guide

Quick Reference Guide

	S5000 Low angle	S5000 High angle	S5000 Partial circle	S6000
Type	Medium flow Impact Sprinkler	Medium flow Impact Sprinkler	Medium flow Impact Sprinkler	High Flow High Angle Impact Sprinkler
Applications	Orchard (under tree)	Open field (overhead irrigation) and germination of vegetables, flowers, and nursery crops	Open field (overhead irrigation) and germination of vegetables, flowers, and nursery crops	Open field (overhead irrigation) and germination of vegetables, flowers, and nursery crops
Base	1/2" BSP male threaded	1/2" BSP male threaded	1/2" BSP male threaded	"3/4" BSP male threaded"
Nominal operating pressure (bar)	2,5	2,5	2,5	3,0
Flow Rate (lph) Based on nominal operating pressure	375 - 637 (2,5bar)	390 -1286 (2,5 bar)	407-786 (2,5 bar)	1200 - 2599 (3 bar)
Wetting Diameter (m) at 75cm above ground	16.5-18.5 (2,5 bar)	19 - 23.5 (2,5 bar)	21.5 - 23 (2,5 bar)	High Angle: 24-28
Nozzles	1	2 or 2	1	2
Angle trajectory options	Low Angle: 9°, 12°, 14°	High Angle 24°	High Angle 25°	High Angle: 23°

An even distribution of water.

Features

- Well balanced and highly reliable Plastic Impact Sprinkler
- Outfitted with a 1/2" male threaded connection
- A non-corrosive body with a stainless steel spring
- A green cover for protection against sand and dirt,
- 1 or 2 bayonet nozzles for easy field maintenance or replacement of parts

Benefits

- Engineered to work in a variety of applications and to meet your unique needs (high or low angle)
- A uniform wetting pattern thanks to high quality movement of its balanced mechanism
- Durability



Where to use ?

Low angle: -Orchards, Bananas , Frost Protection under the canopy

High angle:

- Open fields crops (corn, soybean, alfalfa,...)
- Overhead Orchard Frost Protection
- Germination of vegetables
- Flowers,
- Nursery crop
- Landscape

How to use ?

High angle: overhead, irrigation and full-cover irrigation in open field conditions

Low angle: under the canopy irrigation and shade house

Plastic Impact Sprinklers | S5000

Technical Data S5000 Plastic Impact Sprinkler		
Fitting:	1/2" BSP/NPT	
Operating pressure range:	2,0 to 4,0 bar	
Pressure (for flow rate calculation)	2,5 bar	
Filtration requirements:		
I/h	Micron	Mesh
All	200	80



1. S5000 Plastic Impact Sprinkler
Low Angle



2. S5000
Plastic Impact
Sprinkler
High Angle



3. S5000
Plastic Impact
Sprinkler
High Angle

Nozzles

Low angle

High angle



9°



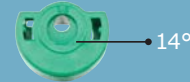
Fore



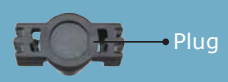
12°



Rear



14°



Plug

Purchasing Information S5000 Plastic Impact Sprinkler

Quantities Bag:	50
Quantities Box:	200

Plastic Impact Sprinklers | S5000

S5000 Plastic Impact Sprinkler – Maximum Recommended No. of Sprinklers on Laterals (Maximum Flow Rate Variation – 10%)

Nozzle Angle	Nominal Flow Rate	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)							
			ID	OD	8	9	10	11	12	13	14	15
	(lph)		(mm)	(mm)	(Number of Sprinklers)							
Low 9°	375	Purple	45,6	50	8	27	26	25	24	23	23	22
	485	Orange	45,6	50	23	22	22	21	20	19	19	18
	635	Green	45,6	50	20	19	18	18	17	17	16	16
Low 12°	408	Purple	45,6	50	26	25	24	23	23	22	21	21
	507	Orange	45,6	50	23	22	21	20	20	19	18	18
	637	Green	45,6	50	20	19	19	18	17	17	16	16
Low 14°	379	Purple	45,6	50	28	27	25	25	24	23	22	22
	488	Orange	45,6	50	23	22	21	21	20	19	19	18
	629	Green	45,6	50	20	19	19	18	17	17	16	16
High 24°	390	Yellow x Plug	45,6	50	28	26	25	24	24	23	22	22
	502	Orange x Plug	45,6	50	23	22	21	20	20	19	19	18
	625	Green x Plug	45,6	50	20	19	18	18	17	17	16	16
	774	Blue x Plug	45,6	50	17	17	16	15	15	14	14	14
	509	Gray x Light Green	45,6	50	23	22	22	21	20	19	19	18
	564	Yellow x Light Green	45,6	50	22	21	20	19	19	18	17	17
	676	Orange x Light Green	45,6	50	19	18	18	17	16	16	15	15
	806	Green x Light Green	45,6	50	17	16	15	15	14	14	13	13
	1147	Blue x Yellow	45,6	50	13	13	12	12	11	11	11	10

Plastic Impact Sprinklers | S5000

S5000 Plastic Impact Sprinkler - Low Angle										26
Image	Nozzle			Flow Rate	Wet. Dia.	Fitting	Min. Qty.	Order Status	Item Number	Price €
	(type)	(degree)	(color)	(l/h)						(each)
	Low Angle	9	Purple ●	375	17,0	1/2" BSP/NPT	200	Custom	101038303	4,3500
	Low Angle	9	Orange ●	485	17,5	1/2" BSP/NPT	200	Custom	101038311	4,3500
	Low Angle	9	Green ●	635	16,5	1/2" BSP/NPT	200	Custom	101038312	4,3500
	Low Angle	12	Purple ●	408	17,0	1/2" BSP/NPT	200	Custom	101038314	4,3500
1	Low Angle	12	Orange ●	507	18,0	1/2" BSP/NPT	200	Custom	101038315	4,3500
	Low Angle	12	Green ●	637	17,5	1/2" BSP/NPT	200	Custom	101038316	4,3500
	Low Angle	14	Purple ●	379	17,0	1/2" BSP/NPT	200	Custom	101038317	4,3500
	Low Angle	14	Orange ●	488	17,5	1/2" BSP/NPT	200	Custom	101038318	4,3500
	Low Angle	14	Green ●	629	18,5	1/2" BSP/NPT	200	Custom	101038319	4,3500

Note: All S5000 Plastic Impact Sprinklers have male threads.

S5000 Plastic Impact Sprinkler - High Angle (1/2" BSP/NPT)										26
Image	Nozzle 1 (Fore)			Nozzle 2 (Rear)	Flow Rate	Wet. Dia.	Min. Qty.	Order Status	Item Number	Price €
	(type)	(degree)	(color)	(color)	(l/h)					(each)
2	High Angle	24	Yellow ●	Plug	390	19,5	200	Custom	101038320	4,3500
	High Angle	24	Orange ●	Plug	502	22,5	200	Custom	101038324	4,3500
3	High Angle	24	Yellow ●	Lt. Green ●	564	19,0	200	Custom	101038325	4,3500
	High Angle	24	Orange ●	Lt. Green ●	676	21,5	200	Custom	101038329	4,3500

Note: All S5000 Plastic Impact Sprinklers have male threads.

Plastic Impact Sprinklers | S5000



4. S5000 Nozzle - Low Angle - 9°, Purple



5. S5000 Nozzle - High Angle - 24°, Orange

S5000 Plastic Impact Sprinkler Nozzles/Accessories									26	
Image	Description	Angle	Color	Flow Rate	Wet. Dia.	Min. Qty.	Order Status	Item Number	Price €	
		(degree)		(l/h)	(m)				(each)	
4	S5000 Nozzle - Low Angle	9	Purple ●	375	17,0	200	Custom	101038401	0,2700	
	S5000 Nozzle - Low Angle	9	Orange ●	485	17,5	200	Custom	101038404	0,2700	
	S5000 Nozzle - Low Angle	9	Green ●	635	16,5	200	Custom	101038405	0,2700	
	S5000 Nozzle - Low Angle	12	Purple ●	408	17,0	200	Custom	101038410	0,2700	
	S5000 Nozzle - Low Angle	12	Orange ●	507	18,0	200	Custom	101038411	0,2700	
	S5000 Nozzle - Low Angle	12	Green ●	637	17,5	200	Custom	101038412	0,2700	
	S5000 Nozzle - Low Angle	14	Purple ●	379	17,0	200	Custom	101038413	0,2700	
	S5000 Nozzle - Low Angle	14	Orange ●	488	18,0	200	Custom	101038414	0,2700	
	S5000 Nozzle - Low Angle	14	Green ●	629	17,5	200	Custom	101038415	0,2700	
	S5000 Nozzle - High Angle, Front	24	Yellow ●			200	Custom	101038416	0,2700	
5	S5000 Nozzle - High Angle, Front	24	Orange ●			200	Custom	101038417	0,2700	
	S5000 Nozzle - High Angle, Rear	24	Lt. Green ●			200	Custom	101038418	0,2700	
	S5000 Plug - High Angle, Rear	24	Black ●			200	Custom	101038419	0,2700	
	1/2" Female impact sprinkler carrier for field stand						200	Custom	101038634	0,3850



6. Impact Sprinkler Field Stand

S5000 Plastic Impact Sprinkler Field Assembly					15
Image	Description	Min. Qty.	Order Status	Item Number	Price €
					(each)
6	Impact sprinkler field Stand * (Includes Adaptor for S5000, Microtube 9x13 120 cm, 9 mm Flat Barb Plunger, 9 mm Conic Male x 12 mm Barbed Adapter	250	Custom	101029448	5,0000

*Requires separate purchase of 8 mm rod x120 cm 101003758 and sprinkler

Wide and uniform wetting diameter

Features

- Plastic Impact Sprinkler High Flow 3/4" BSP male threaded
- A non-corrosive body with a stainless steel spring
- A green cover for protection against sand and dirt,
- 2 bayonet nozzles for easy field maintenance or replacement of parts
- Outfitted with a 3/4" male threaded connection.

Benefits

- High flow and high angle application for a wider wetting diameter
- A uniform wetting pattern thanks to high quality movement of its balanced mechanism
- Durability and easy field maintenance



Where to use ?

- Open fields crops (corn, soyabean,alfalfa,...)
- Overhead Frost protection (Orchard, vinyard)
- Germination of vegetables
- Flowers,
- nursery crop
- Landscape

How to use ?

High angle and high flow applications: overhead, irrigation and full-cover irrigation in open field conditions

Plastic Impact Sprinklers | S6000

Technical Data S6000 Plastic Impact Sprinkler		
Fitting:	3/4" BSP male threaded	
Operating pressure range:	2,0 - 4,0 bar	
Angle	23 degrees	
Pressure (for flow rate calculation)	3 bar	
Filtration requirements:		
I/h	Micron	Mesh
All	200	80



S6000 High angle
3/4" base for high flow applications

Purchasing Information S6000 Plastic Impact Sprinkler	
Quantities Bag:	25
Quantities Box:	75

Accessories

For the perfect fit, a wide range of connectors and tube and accessories are available, from tightening spanners, to hose and connector assemblies for easy installation.



High angle S6000



Rivulis S6000 Accessories
S6000 Socket 3/4" x 3/4" BSP
S6000 Spanner
Hose and Tubing



S6000 High Flow

Nozzle Color & Size (mm)	Pressure (bar)	Flow rate (l/h)	Wetting Diameter** (m)
Two nozzle sprinklers			
Blue (3,57) x Yellow (2,38)	2,0	990	23,0
	3,0	1 200	24,5
	4,0	1 380	24,0
Green (3,96) x Yellow (2,38)	2,0	1 140	23,0
	3,0	1 420	24,0
	4,0	1 650	25,0
Grey (4,36) x Yellow (2,38)	2,0	1 300	24,0
	3,0	1 600	26,0
	4,0	1 860	26,0
Yellow (4,76) x Black (3,17)	2,0	1 800	25,5
	3,0	2 215	27,0
	4,0	2 515	29,0
Black (5,15) x Black (3,17)	2,0	1 920	26,0
	3,0	2 380	28,0
	4,0	2 755	30,0
Orange (5,5) X Black (3,17)	2,0	2 108	28,0
	3,0	2 599	27,5
	4,0	2 993	29,0

** at 75 cm above ground level

Plastic Impact Sprinklers | S6000

S6000 Plastic Impact Sprinkler - High Flow										26
Image	Description	Nozzle 1	Nozzle 2	Flow Rate	Wet. Dia.	Fitting	Min. Qty.	Order Status	Item Number	Price €
		(color)	(color)	(l/h)			(1 box)			(each)
	S6000 Plastic Impact Sprinkler, High Angle, 23°, 3,57 mm Blue X 2,38 mm Yellow, 1200 l/h	Blue ●	Yellow ●	1 200	24,5	3/4" BSP male threaded	200	Custom	101051546	Consult
	S6000 Plastic Impact Sprinkler, High Angle, 23°, 3,96 mm Green X 2,38 mm Yellow, 1420 l/h	Green ●	Yellow ●	1 420	24,0	3/4" BSP male threaded	200	Custom	101050451	Consult
	S6000 Plastic Impact Sprinkler, High Angle, 23°, 4,36 mm Grey X 2,38 mm Yellow, 1600 l/h	Grey ●	Yellow ●	1 600	26,0	3/4" BSP male threaded	200	Custom	101048024	5,1850
	S6000 Plastic Impact Sprinkler, High Angle, 23°, 4,76 mm Yellow X 3,17 mm Black, 2215 l/h	Yellow ●	Black ●	2 215	27,0	3/4" BSP male threaded	200	Custom	101052228	Consult
	S6000 Plastic Impact Sprinkler, High Angle, 23°, 5,15 mm Black X 3,17 mm Black, 2380 l/h	Black ●	Black ●	2 380	28,0	3/4" BSP male threaded	200	Custom	101052229	Consult
	S6000 Plastic Impact Sprinkler, High Angle, 23°, 5,5 mm Orange X 3,17 mm Black, 2599 l/h	Orange ●	Black ●	2 599	27,5	3/4" BSP male threaded	200	Custom	101051713	5,1000

Plastic Impact Sprinklers | S6000

S6000 Plastic Impact Sprinkler Nozzles/Accessories							26
Image	Description	Position	Color	Min, Qty,	Order Status	Item Number	Price
							(each)
	S6000 Primary Nozzle High Angle, 23°, 3,57 mm, Blue	Primary	Blue ●	Consult	Custom	101052231	Consult
	S6000 Primary Nozzle, High Angle, 23°, 3,96 mm Green	Primary	Green ●	Consult	Custom	101052233	Consult
	S6000 Primary Nozzle , High Angle, 23°, 4,36 mm Grey	Primary	Grey ●	Consult	Custom	101052234	Consult
	S6000 Primary Nozzle, High Angle, 23°, 4,76 mm, Yellow	Primary	Yellow ●	Consult	Custom	101052235	Consult
	S6000 Primary Nozzle , High Angle, 23°, 5,15 mm, Black	Primary	Black ●	Consult	Custom	101052236	Consult
	S6000 Primary Nozzle r, High Angle, 23°, 5,5 mm, Orange	Primary	Orange ●	Consult	Custom	101052238	Consult
	S6000 Rear Nozzle , High Angle, 23°, 2,38 mm Yellow	Rear	Yellow ●	Consult	Custom	101052239	Consult
	S6000 Rear Nozzle , High Angle, 23°, 3,17 mm Black	Rear	Black ●	Consult	Custom	101052241	Consult
	S6000 Rear Plug , High Angle, Black	Rear	Black ●	Consult	Custom	101052243	Consult
	Spanner For S6000 Impact Sprinkler			Consult	Custom	101052244	Consult

S6000 Plastic Impact Sprinkler Accessories						21
Image	Description	Color	Min, Qty,	Order Status	Item Number	Price
						(each)
	Black Plastic Sprinkler Socket 3/4" X 3/4" BSP	Black ●	Consult	Custom	101052251	Consult

Metal Filters

Metal Filters



Metal Filters | Guide

Durable line of filters for every need.

The Rivulis line-up of filtration products provide efficient and reliable solutions for agricultural irrigation systems. Each of the filter series provide unique features which deliver added benefits in the right applications. For additional information or technical information see Filter data sheets or User Manuals.

Metal Filter Reference Guide						
Description	Filtration Method	Actuation Method	Cleaning Mechanism	Configurations	Size	Size
					(Inch)	(mm)
F1000 - F1400 HydroCyclone Sand Separator	Centrifugal action		Continuous centrifugal forces	Standard	1,5 -8	40-200
F2000 - F2400 Media Filter	Media		Backflush (automatic controller)	A. Individuals media tanks B. Complete media systems	16, 20, 24, 28, 30, 36, 48 Tank	
F3100-F3140 Metal Screen Filter (Manual)	Screen	Manual	Manual	Angle, In-Line	3-12	80-300
F3200-F3240 Metal Screen Filter with Hydraulic Operation	Screen	Automatic - hydraulic	Suction nozzles	Angle (compact), parallel	2-8, 3-20	50-200 80-500
F3300 Metal Screen with Brushes and Electric Operation	Screen	Automatic - electric	Brushes	Parallel	3-12	100-350
F3300 Metal Screen Filter with Electric Operation	Screen	Automatic - electric	Hydraulic suction nozzles	Parallel	3-12	50-500
F3400 Metal Screen Filter with Brushes and Internal Flushing Mechanism	Screen	Semi-automatic	Brushes	In-Line, parallel	3-12	80-200
F3400 Metal Screen Filter with Internal Flushing Mechanism	Screen	Semi-automatic	Hydraulic suction nozzles	Parallel	3-12	100-200
F3400-F3440 Metal Screen Filter with Continuous Circulation	Screen		Continuous circulation	In-Line	3-12	80-250
F9000 Gravity Filter	Screen	Gravity	Continuous spray & brushes	Standard	48-60	150-200

Filtration Requirements by Emission Product Type						
Product Type	Flow Rate	Filtration	Flow Rate	Filtration	Flow Rate	Filtration
	(l/h/dripper)	(micron)	(l/h/dripper)	(micron)	(l/h/dripper)	(micron)
Drip Tape	< 0,65	80	0,65 -1,2	100	> 1,2	130
Drip Lines	< 0,65	80	0,65 -1,2	100	> 1,2	130
Drippers	≥1,6	100	> 1,6	130		
Jets, Micro Sprinklers	< 40	130	40 -70	200	> 70	250
Sprinklers	All	200				
Mist Spray	All	100				

Separate sand and heavy materials from the water

Features

- F1000 Hydrocyclone Sand Separator
- All models include collector tank
- All models include legs
- All models include rubber, protective cone
- Available with several options including flow rates and tank collector sizes.

Benefits

- The Rivulis F1000 Hydrocyclone Sand Separator creates a centrifugal action that moves the water around the edge of the body, throwing sand and heavy materials to the outside of the cyclone. The heavy materials then fall into the underflow tank to be collected.
- A specially designed rubber insert protects the cone against erosion and increases separation efficiency.



Where to use ?

Water presenting high content of sand and heavy materials

Metal Filters | F1000

Product Information

All models include collector tank

All models include legs

All models include rubber, protective cone

Key Operating Guidelines

Recommended head loss: 0,2 -0,5 bar

Working pressure: 8,0 bar

Maximum pressure: 10,0 bar

F1000 Hydrocyclone Sand Separator – Product Specifications/ Options

Inlet/Outlet		Body	Recommend Minimum Flow Rate (m ³ /h)	Recommended Maximum Flow Rate (m ³ /h)	Tank Capacity (L)	Connection Type
(inch)	(mm)					
1,5	40	Standard	7,5	12	10	BSP
2	50	Standard	11	17	10	BSP
3	80	Standard	18	34	10	ISO-16
4 In/3 Out	100 In/80 Out	Standard	35	52	60	ISO-16
4	100	Standard	52	82	120	ISO-16
6	150	Standard	98	160	220	ISO-16
6L	150	Long	140	230	220	ISO-16
8	200	Standard	230	360	320	ISO-16

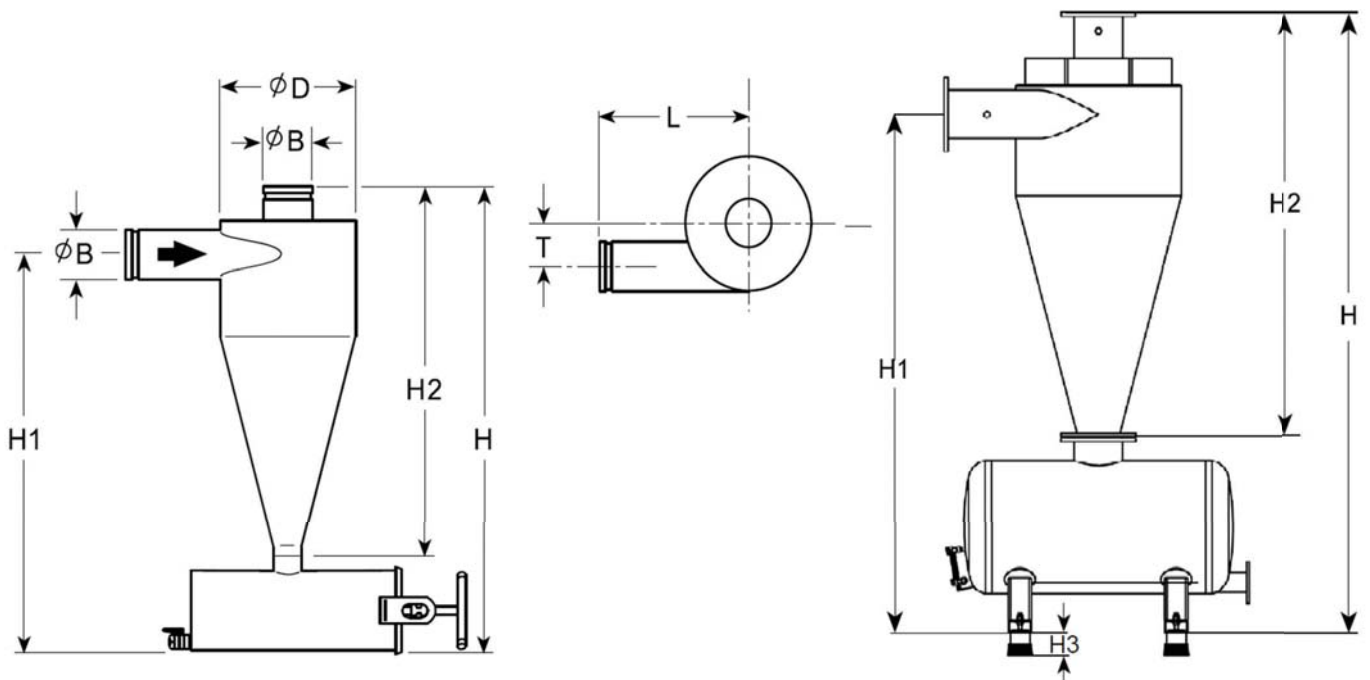
Metal Filters | F1000

F1000 Hydrocyclone Sand Separator – Product Dimensions and Weights

Inlet/ Outlet – B (inch)	(mm)	D (mm)	H (mm)	H1 (mm)	H2 (mm)	L (mm)	T (mm)	Weight (kg)
1,5	40	150	630*	490*	425	240	61	19
2	50	200	735*	575*	530	295	80	20
3	80	200	830*	660*	625	300	65	27
4/3	100/80	300	1330	1130	725	500	105	66
4	100	400	1720	1480	970	600	145	125
6	150	510	1900	1610	1150	600	170	172
6"L	150	610	2155	1860	1405	600	220	205
8"	200	760	2825	2360	1925	700	265	365

* Height for underflow chambers without legs

F1000 Hydrocyclone Sand Separator – Product Dimensions



F1000 Hydrocyclone Sand Separator – Product Head Loss Chart (bar)

Inlet/Outlet		Head Loss (bar)					
		0,2	0,3	0,4	0,5	0,6	0,7
(inch)	(mm)	Flow Rate (m ³ /hr)					
1,5	40	7,6	9,3	10,8	12,0	13,2	14,2
2	50	10,1	12,4	14,3	16,0	17,5	18,9
3	80	21,1	25,9	29,9	33,4	36,6	39,5
4 In/3 Out	100 In/80 Out	30,4	37,2	43,0	48,1	52,7	56,9
4	100	50,1	61,3	70,8	79,2	86,8	93,7
6	150	96,2	117,8	136,0	152,0	166,5	179,9
6L	150 Long	138,6	169,8	196,1	219,2	240,1	259,4
8	200	216,8	265,6	306,7	342,9	375,7	405,8

Metal Filters | F1000

Technical Data F1000 Hydrocyclone Sand Separator	
Recommended head loss:	0,2 -0,5 bar
Working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F1000 Hydrocyclone Sand Separator

F1000 Hydrocyclone Sand Separators								22
Description	Inlet/Outlet Size		Connection Type	Underflow Chamber Volume	Min. Qty.	Order Status	Item Number	Price
	(inch)	(mm)						(L)
F1000 Hydrocyclone Sand Separator	1,5	40	BSP	10	1	Custom	101044524	505,00
F1000 Hydrocyclone Sand Separator	2	50	BSP	10	1	Custom	101043043	575,00
F1000 Hydrocyclone Sand Separator	3	80	ISO-16	10	1	Custom	101043048	675,00
F1000 Hydrocyclone Sand Separator	4	100	ISO-16	120	1	Custom	101043052	1810,00
F1000 Hydrocyclone Sand Separator	4 x 3	100 x 80	ISO-16	60	1	Custom	101043056	1240,00
F1000 Hydrocyclone Sand Separator	6	150	ISO-16	220	1	Custom	101043060	2430,00
F1000 Hydrocyclone Sand Separator	6 L	150	ISO-16	220	1	Custom	101043064	2615,00
F1000 Hydrocyclone Sand Separator	8	200	ISO-16	320	1	Custom	101043068	5180,00

Separate sand and heavy materials from the water

Features

- **F1400 Hydrocyclone Sand Separator**
- All models include collector tank
- All models include legs
- As standard they are made of carbon steel coated with epoxy-polyester powder paint, inside and outside to provide maximum durability.

Benefits

The Rivulis F1400 Hydrocyclone Sand Separator creates a centrifugal action that moves the water around the edge of the body, throwing sand and heavy materials to the outside of the cyclone. The heavy materials then fall into the underflow tank to be collected. Rivulis F1400 Hydrocyclone Sand Separators are available with several options including flow rates and tank collector sizes.



Where to use ?

Water presenting high content of sand and heavy materials

Use with

F3100 or F3140 Manual Screen Filter

F2000 or F2400 Media Filter Arrays

Metal Filters | F1400

Product Information

All models include collector tank

All models include legs

As standard they are made of carbon steel coated with epoxy-polyester powder paint, inside and outside.

Key Operating Guidelines

Recommended head loss: 0,2 -0,7 bar

Working pressure: 8,0 bar

Maximum pressure: 10,0 bar

F1400 Hydrocyclone Sand Separator – Product Specifications/ Options

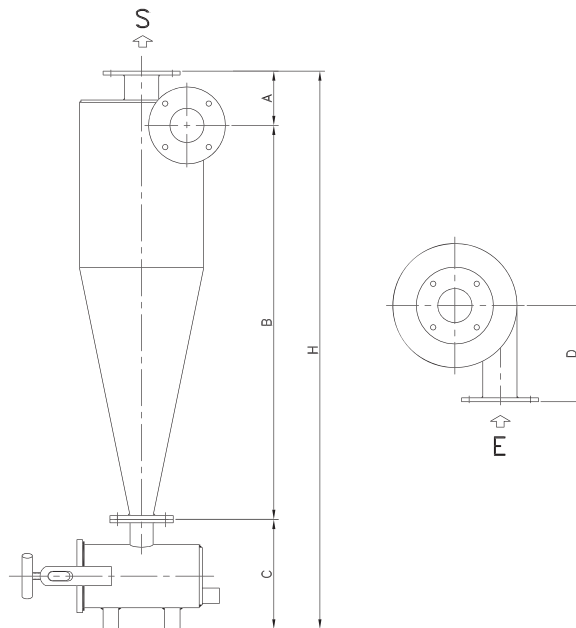
Inlet/ Outlet		Body	Recommend Minimum Flow Rate (m ³ /h)	Recommended Maximum Flow Rate (m ³ /h)	Tank Capacity (L)	Connection Type
(inch)	(mm)					
2	50	Standard	11	25	10	BSP
3	80	Standard	18	55	10	ISO-16

F1400 Hydrocyclone Sand Separator – Product Dimensions and Weights

Inlet/ Outlet – B		A	B	C	D	H	Weight
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
2	50	141	700	285	250	1126	33
3	80	141	1025	285	250	1451	35

* Height for underflow chambers without legs

F1400 Hydrocyclone Sand Separator – Product Dimensions



F1400 Hydrocyclone Sand Separator – Product Head Loss Chart (bar)

Inlet/Outlet		Head Loss (bar)					
		0,2	0,3	0,4	0,5	0,6	0,7
(inch)	(mm)	Flow Rate (m ³ /hr)					
2	50	14,2	17	19,5	22	24	26
3	80	30	37	41,5	46	50	53

Technical Data F1400 Hydrocyclone Sand Separator	
Recommended head loss:	0,2 -0,7 bar
Working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F1400 Hydrocyclone Sand Separator

F1400 Hydrocyclone Sand Separators							22	
Description	Inlet/Outlet Size		Connection Type	Underflow Chamber Volume	Min. Qty.	Order Status	Item Number	Price Price €
	(inch)	(mm)						
F1400 Hydrocyclone Sand Separator	2	50	BSP	10	1	Standard	101050596	465,00
F1400 Hydrocyclone Sand Separator	3	80	ISO-16	10	1	Standard	101050597	700,00

The most efficient type of filtration of water heavily contaminated

Features

- **F2000 Media filter**
- Double chamber
- Precision conical diffusers/collectors
- 3 service ports for maintenance

Benefits

- Filtration occurs when water passes through the open spaces and between sand particles, trapping the solid particles.
- Use a unique design of two chambers that are divided by a welded reinforced steel plate. The upper chamber contains the media sand and contaminants while the lower chamber accepts the clean water that has been filtered and then passes out to the field.
- The plate that separates the two chambers is covered by precision conical diffusers. When operated correctly during a backflush the diffusers disperse the water uniformly avoiding the occurrence of funneling, channeling or caking of the media bed.



Where to use ?

F2000 Media Filters (gravel or sand) are the most efficient type of filtration of water heavily contaminated with algae, organic matter and other impurities found in open reservoirs, canals and recycled water systems.

Metal Filters | F2000

Product Information

Double chamber
Precision conical diffusers/collectors
3 service ports for maintenance

Key Operating Guidelines

Pressure differential: Not to exceed 0,5 bar
Maximum working pressure: 8,0 bar
Maximum pressure: 10,0 bar



F2000 Media Filter Array

F2000 Media Filter – Product Specifications/Options

Body Diameter		Inlet/Outlet		Minimum Flow Rate	Maximum Flow Rate	Back Flush Flow Rate	Connection Type
(inch)	(mm)	(inch)	(mm)	(m ³ /h)	(m ³ /h)	(m ³ /h)	
16	400	2	50	6	11	10	BSP
20	500	2	50	9	18	15	BSP
20	500	3	80	10	18	15	ISO-16, VIC, BSTD
24	600	2	50	14	28	25	BSP, VIC
24	600	3	80	14	28	25	BSTD, VIC, ISO-16
30	750	3	80	21	42	38	BSTD, VIC, ISO-16
36	900	3	80	32	62	54	BSTD, VIC, ISO-16
48	1200	4	100	62	120	95	BSTD, VIC, ISO-16
60	1500	4	100	80	150	150	VIC

* the data for Basalt no 1

* for quartz sand 16,20 use half flow rate

* for dirty water reduce flow rate

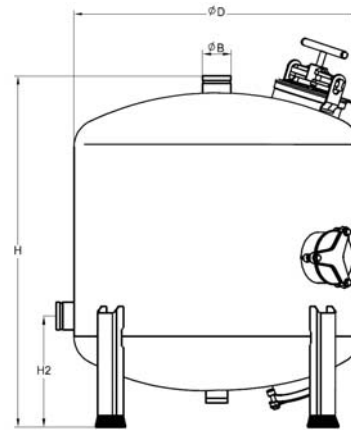
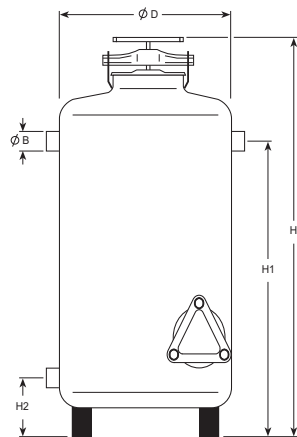
F2000 Media Filter – Amount of Media Required for Each Filter

Body Model		Inlet Model		Weight
(inch)	(mm)	(inch)	(mm)	(kg)
16	400	2	50	75
20	500	2	50	125
24	600	2	50	175
30	750	3	80	250
36	900	3	80	350
48	1200	4	100	625
60	1500	4	100	1000

Metal Filters | F2000

F2000 Media Filter – Product Dimensions and Weights

Body Model		Inlet		B	D	H	H1	H2	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
16	400	2	40	40	400	1250	870	180	50
20	500	2	50	50	500	1250	870	180	70
20	500	3	80	80	500	1400	1040	180	75
24	600	2	50	50	600	1350	950	260	90
24	600	3	80	80	600	1350	950	260	90
30	750	3	80	80	750	1170	-	360	135
36	900	3	80	80	900	1170	-	360	185
48	1200	4	100	100	1200	1190	-	360	310
60	1500	4	100	100	1500	1470	-	510	430



Metal Filters | F2000

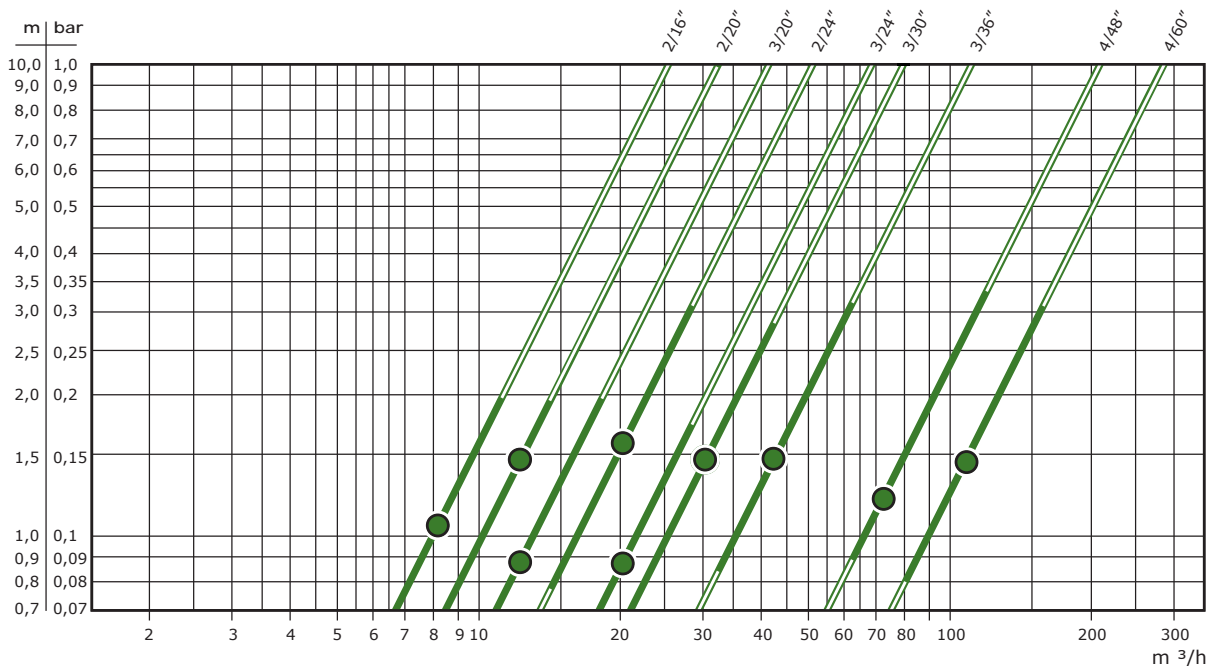
Product head loss chart (bar) - 16" to 24" body

Model (Inlet/ Body) (inch)	Flow rate (m ³ /h)												
	5	10	15	20	25	30	35	40	45	50	55	60	70
2/16	0,04	0,16	0,36	0,64	1,00	1,44							
2/20		0,10	0,22	0,39	0,61	0,88	1,20						
3/20		0,06	0,13	0,24	0,37	0,54	0,73	0,95	1,20	1,49			
2/24		0,04	0,09	0,15	0,24	0,35	0,47	0,62	0,78	0,96	1,16		
3/24				0,09	0,14	0,19	0,26	0,35	0,44	0,54	0,65	0,78	1,06

Product head loss chart (bar) - 30" to 60" body

Model (Inlet/ Body) (inch)	Flow Rate (m ³ /h)														
	20	30	40	50	60	70	80	90	100	110	130	150	180	200	220
3/30	0,06	0,14	0,26	0,40	0,58	0,79	1,03								
3/36		0,07	0,13	0,20	0,28	0,38	0,50	0,63	0,78	0,95					
4/48				0,06	0,08	0,11	0,15	0,19	0,23	0,28	0,39	0,53	0,76	0,93	1,13
4/60					0,05	0,06	0,08	0,10	0,13	0,15	0,21	0,28	0,41	0,50	0,61

Head loss/Flow rate



● Average Point - Head Loss / Flow Rate

Metal Filters | F2000

Technical Data F2000 Media Filter	
Pressure differential not exceed:	0,5 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F2000 Media Filter

F2000 Media Filter - 2" & 3"								22
Description	Inlet/Outlet Size		Tank Size	Connection Type	Min. Qty.	Order Status	Item Number	Price €
	(inch)	(mm)						(inch)
F2000 Media Filter	2	50	16	BSP	1	Custom	101043070	525,00
F2000 Media Filter	2	50	20	BSP	1	Custom	101043073	610,00
F2000 Media Filter	2	50	24	BSP	1	Custom	101043080	835,00
F2000 Media Filter	3	80	24	ISO-16	1	Custom	101043085	855,00
F2000 Media Filter	3	80	24	BSP	1	Custom	101045563	855,00
F2000 Media Filter	3	80	20	ISO-16	1	Custom	101043078	680,00
F2000 Media Filter	3	80	30	ISO-16	1	Custom	101046358	1405,00
F2000 Media Filter	3	80	30	VIC	1	Custom	101046359	1405,00
F2000 Media Filter	3	80	30	ISO-16	1	Custom	101043089	1405,00
F2000 Media Filter	3	80	30	VIC	1	Custom	101043090	1405,00
F2000 Media Filter	3	80	36	ISO-16	1	Custom	101046363	1850,00
F2000 Media Filter	3	80	36	VIC	1	Custom	101046364	1850,00
F2000 Media Filter	3	80	36	VIC	1	Custom	101043094	1850,00

F2000 Media Filter - 4"								22
Description	Inlet/Outlet Size		Tank Size	Connection Type	Min. Qty.	Order Status	Item Number	Price €
	(inch)	(mm)						(inch)
F2000 Media Filter	4	100	48	ISO-16	1	Custom	101043097	2590,00
F2000 Media Filter A	4	100	A 48	ISO-16	1	Custom	101046368	2590,00
F2000 Media Filter MODULAR	4	100	48	VIC	1	Custom	WT15237	2955,00
F2000 Media Filter A	4	100	A 48	VIC	1	Custom	101046369	2590,00

All Media Filters are sold without media. For help with media recommendations contact Rivulis Irrigation Technical Representative.

Metal Filters | F2000

Technical Data F2000 Media Filter	
Pressure differential not exceed:	0,5 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F2000 Media Filter Array

F2000 Array												22
Description	Control. Alim.	Tank size	Tank Qty	Nominal Flow / Tank	Recom. Flow / Tank	Max total Flow/ Array	Back-wash Flow	Mani-fold	Con.	Order Status	Item Number	Price €
		(inch)		(m3/h)	(m3/h)	(m3/h)	m3/h	(inch)				(each)
F2000 2x24"+ F3100 1x3"+ Controller	DC	24"	2	28	20	40	25	3"	ISO 16	Custom	WT11575	5500,00
F2000 3x24" + F3100 1x4"+ Controller	DC	24"	3	28	20	60	25	4"	ISO 16	Custom	101044813	6900,00

F2000 Array												22
Description	Control. Alim.	Tank size	Tank Qty	Nominal Flow / Tank	Recom. Flow / Tank	Max total Flow/ Array	Back-wash Flow	Mani-fold	Con.	Order Status	Item Number	Price €
		(inch)		(m3/h)	(m3/h)	(m3/h)	m3/h	(inch)				(each)
F2000 3x36" + F3100 1X6"+ Controller	DC	36"	3	62	43	129	54	6"	ISO 16	Custom	101044817	12910,00
F2000 5x36" + F3100 1X6"+ Controller	DC	36"	5	62	43	215	54	6"	ISO 16	Custom	101044819	22600,00
F2000 Media Filter Modular Array Unit - 1X48" - VIC	-	48"	1	120	65	65	95	4"	VIC	Custom	WT12855	5065,00
F2000 Media Filter Modular Array Unit - 2X48" - VIC	-	48"	2	120	65	130	95	4"	VIC	Custom	WT12856	10115,00

Metal Filters | F2000

Technical Data F2000 Media Filter

Pressure differential not exceed:	0,5 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F2000 Array with Mobil Platform

22

Description	Control. Alim.	Tank size	Tank Qty	Nominal Flow / Tank	Recom. Flow / Tank	Max total Flow/ Array	Back-wash Flow	Mani-fold	Con.	Order Status	Item Number	Price €
		(inch)		(m3/h)	(m3/h)	(m3/h)	m3/h	(inch)				(each)
F2000 1x16"+ F3100 1x2"+ Controller	DC	16"	1	11	8	8	10	2"	BSP	Custom	WT12601	3200,00
F2000 1x20"+ F3100 1x2"+ Controller	DC	20"	1	18	13	12	15	2"	BSP	Custom	WT12602	3300,00
F2000 2x20"+ F3100 1x3"+ Controller	DC	20"	2	18	12	24	15	3"	ISO 16	Custom	WT12587	5400,00
F2000 3x20"+ F3100 1x3"+ Controller	DC	20"	3	18	12	36	15	3"	ISO 16	Custom	WT12588	6300,00
F2000 1x24"+ F3100 1x2"+ Controller	DC	24"	1	28	20	20	25	2"	BSP	Custom	WT12600	3550,00
F2000 2x24"+ F3100 1x3"+ Controller	DC	24"	2	28	20	40	25	3"	ISO 16	Custom	WT12589	6000,00
F2000 3x24"+ F3100 1x3"+ Controller	DC	24"	3	28	20	60	25	3"	ISO 16	Custom	WT12590	7505,00
F2000 4x24"+ F3100 1x4"+ Controller	DC	24"	4	28	20	80	25	4"	ISO 16	Custom	WT13176	10000,00

The most efficient type of filtration of water heavily contaminated

Features

- F2400 Media filter (double bed)

- Double chamber
- Precision conical diffusers/collectors
- 3 service ports for maintenance
- Armcollectors
- Filtration occurs when water passes through the open spaces and between sand particles, trapping the solid particles.

Benefits

The F2400 Media Filters offers two possibilities of filtration system: nozzles with a design of two chambers that are divided by a welded reinforced steel plate or arm collectors.

Double coating, Termoelectric and Epoxy, inside and outside to provide maximum durability

When operated correctly during a backflush the diffusers or arms disperse the water uniformly avoiding the occurrence of funneling, channeling or caking of the media bed.



Where to use ?

F2400 Media Filters (gravel or sand) are the most efficient type of filtration of water heavily contaminated with algae, organic matter and other impurities found in open reservoirs, canals and recycled water systems.

Metal Filters | F2400

Product Information

Double chamber

Precision conical diffusers/collectors

3 service ports for maintenance

Arm collectors

Key Operating Guidelines

Pressure differential: Not to exceed 0,5 bar

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

F2400 Media Filter Nozzles – Product Specifications/Options

Body Diameter		Inlet/ Outlet		Nominal Flow Rate	Maximum Flow Rate	Back Flush Flow Rate	Connection Type (other options available)
(inch)	(mm)	(inch)	(mm)	(m ³ /h)	(m ³ /h)	(m ³ /h)	
20	500	2	50	13	18	8	BSP-VIC
24	600	2	50	20	28	12	BSP-VIC
28	700	3	80	27	35	17	BSTD, VIC, ISO-16
36	900	3	80	43	62	24	BSTD, VIC, ISO-16
48	1200	4	100	65	120	45	BSTD, VIC, ISO-16

*Data for Silice 0,8-1,2

F2400 Media Filter Arm Collectors – Product Specifications/Options

Body Diameter		Inlet/ Outlet		Nominal Flow Rate	Maximum Flow Rate	Back Flush Flow Rate	Connection Type (other options available)
(inch)	(mm)	(inch)	(mm)	(m ³ /h)	(m ³ /h)	(m ³ /h)	
20	500	2	50	13	18	8	BSP-VIC
24	600	2	50	20	28	12	BSP-VIC
28	700	3	80	27	35	17	BSTD, VIC, ISO-16
36	900	3	80	43	62	24	BSTD, VIC, ISO-16
48	1200	4	100	65	120	45	BSTD, VIC, ISO-16

*Data for Silice 0,8-1,2

F2400 Media Filter Nozzles – Amount of Media Required for Each Filter

Body Model		Inlet Model		Weight (kg)
(inch)	(mm)	(inch)	(mm)	
20	500	2	50	75
24	600	2	50	125
28	700	3	80	150
36	900	3	80	375
48	1200	4	100	550

F2400 Media Filter Arm Collectors – Amount of Media Required for Each Filter

Body Model		Inlet Model		Weight (kg)
(inch)	(mm)	(inch)	(mm)	
20	500	2	50	100
24	600	2	50	150
28	700	3	80	225
36	900	3	80	500
48	1200	4	100	800

Metal Filters | F2400

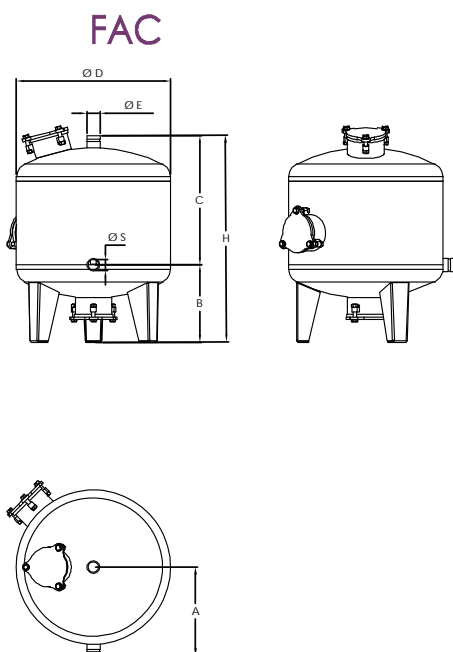
F2400 Media Filter Nozzles – Product Dimensions and Weights

Body Model		Inlet		B	D	H	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(kg)
20	500	2	50	50	500	917	67
24	600	2	50	50	600	930	88
28	700	3	80	80	750	936	102
36	900	3	80	80	900	1220	210
48	1200	4	100	100	1 200	1265	319

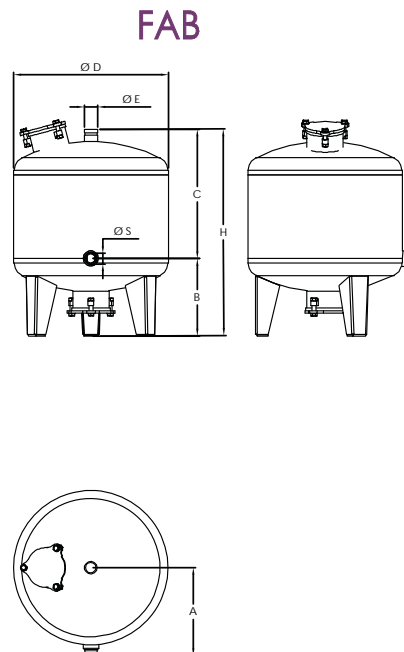
F2400 Media Filter Arm Collectors – Product Dimensions and Weights

Body Model		Inlet		B	D	H	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(kg)
20	500	2	50	50	500	917	46
24	600	2	50	50	600	930	55
28	700	3	80	80	750	936	63
36	900	3	80	80	900	1220	128
48	1200	4	100	100	1 200	1265	189

F2400 Media Filter Nozzles



F2400 Media Filter Arm Collectors



Metal Filters | F2400

Product head loss chart (bar)

Model (Inlet/ Body) (inch)	Flow Rate (m ³ /h)												
	10	15	20	25	30	35	40	45	50	55	60	70	80
	Head loss (bar)												
2/20	0,04	0,11	0,32	0,80									
2/24	0,02	0,06	0,17	0,25	0,43	0,80							
3/28		0,03	0,07	0,10	0,20	0,38	0,58	0,80	1,00				
3/36			0,01	0,02	0,04	0,07	0,10	0,15	0,20	0,30	0,35	0,60	0,90
4/48							0,03	0,04	0,06	0,09	0,10	0,20	0,30

Metal Filters | F2400

Technical Data F2400 Media Filter	
Pressure differential not exceed:	0,5 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F2400 Media Filter

F2400 Media Filter - Nozzles								22
Description	Inlet/Outlet Size		Tank Size	Connection Type	Min. Qty.	Order Status	Item Number	Price
	(inch)	(mm)						(inch)
F2400 Media Filter	2	50	20	BSP	1	Standard	101050603	600,00
F2400 Media Filter	2	50	24	BSP	1	Standard	101050604	740,00
F2400 Media Filter	3	80	28	ISO-16	1	Standard	101050605	870,00
F2400 Media Filter	3	80	36	VIC	1	Standard	101050606	1 630,00
F2400 Media Filter	4	100	48	VIC	1	Standard	101050607	2 315,00

F2400 Media Filter - Arm Collectors								22
Description	Inlet/Outlet Size		Tank Size	Connection Type	Min. Qty.	Order Status	Item Number	Price
	(inch)	(mm)						(inch)
F2400 Media Filter	2	50	20	BSP	1	Custom	101050598	525,00
F2400 Media Filter	2	50	24	BSP	1	Custom	101050599	580,00
F2400 Media Filter	3	80	28	ISO-16	1	Custom	101050600	660,00
F2400 Media Filter	3	80	36	VIC	1	Custom	101050601	1 205,00
F2400 Media Filter	4	100	48	VIC	1	Custom	101050602	1 915,00

Media Filters are sold without media. For help with media recommendations contact Rivulis Irrigation Technical Representative.

Metal Filters | F2400

Technical Data F2400 Media Filter	
Pressure differential not exceed:	0,5 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar

F2400 Array Nozzles												22
Description	Controller Alim.	Tank size	Tank Qty	Nominal Flow / Tank	Recom- mended Flow /Tank	Max total Flow/ Array	Back- wash Flow	Manifold	Con.	Order Status	Item Number	Price
		(inch)		(m3/h)	(m3/h)	(m3/h)	(m3/h)	(inch)				(each)
F2400 Media Filter L Nozzles ARRAY - 2x20" + 1xF3140 Angled 3" - ISO-16 - DC	DC	20"	2	18	13	24	8	3"	ISO 16	Custom	101050972	4 305,00
F2400 Media Filter L Nozzles ARRAY - 3x20" + 1xF3140 Angled 3" - ISO-16 - DC	DC	20"	3	18	13	36	8	3"	ISO 16	Custom	101050973	5 840,00
F2400 Media Filter L Nozzles ARRAY - 2x24" + 1xF3140 Angled 3" - ISO-16 - DC	DC	24"	2	28	20	40	12	3"	ISO 16	Custom	101050974	4 800,00
F2400 Media Filter L Nozzles ARRAY - 3x24" + 1xF3140 Angled 3" - ISO-16 - DC	DC	24"	3	28	20	60	12	3"	ISO 16	Custom	101050975	6 575,00
F2400 Media Filter L Nozzles ARRAY - 3x28" + 1xF3140 Angled 4" - ISO-16 - DC	DC	28"	3	35	27	80	15	4"	ISO 16	Custom	101050977	8 585,00
F2400 Media Filter L Nozzles ARRAY - 3x36" + 1xF3140 Angled 6" - ISO-16 - DC	DC	36"	3	62	43	129	24	6"	ISO 16	Custom	101050976	12 720,00
F2400 Media Filter L Nozzles ARRAY - 2x20" + 1xF3140 Angled 3" - ISO-16 - DC - MOBILE ON PLATFORM	DC	20"	2	18	13	24	8	3"	ISO 16	Custom	101050978	5 155,00
F2400 Media Filter L Nozzles ARRAY - 3x20" + 1xF3140 Angled 3" - ISO-16 - DC - MOBILE ON PLATFORM	DC	20"	3	18	13	36	8	3"	ISO 16	Custom	101050979	6 110,00
F2400 Media Filter L Nozzles ARRAY - 3x24" + 1xF3140 Angled 3" - ISO-16 - DC - MOBILE ON PLATFORM	DC	24"	3	28	20	60	12	3"	ISO 16	Custom	101050980	7 450,00

Media Filters Arrays are sold with media. All components included. For help with media recommendations contact Rivulis Irrigation Technical Representative.

Metal Filters | F2400

F2400 Array Arms Collectors												22
Description	Controller Alim.	Tank size	Tank Qty	Nominal Flow / Tank	Recom- mended Flow / Tank	Max total Flow/ Array	Back- wash Flow	Manifold	Con.	Order Status	Item Number	Price
		(inch)		(m3/h)	(m3/h)	(m3/h)	(m3/h)	(inch)				(each)
F2400 Media Filter L Arms ARRAY - 2x20" + 1xF3140 Angled 3" - ISO-16 - DC	DC	20"	2	18	13	24	8	3"	ISO 16	Custom	101050587	4 010,00
F2400 Media Filter L Arms ARRAY - 3x20" + 1xF3140 Angled 3" - ISO-16 - DC	DC	20"	3	18	13	36	8	3"	ISO 16	Custom	101050588	5 060,00
F2400 Media Filter L Arms ARRAY - 2x24" + 1xF3140 Angled 3" - ISO-16 - DC	DC	24"	2	28	20	40	12	3"	ISO 16	Custom	101050589	4 150,00
F2400 Media Filter L Arms ARRAY - 3x24" + 1xF3140 Angled 3" - ISO-16 - DC	DC	24"	3	28	20	60	12	3"	ISO 16	Custom	101050590	5 605,00
F2400 Media Filter L Arms ARRAY - 3x28" + 1xF3140 Angled 4" - ISO-16 - DC	DC	28"	3	35	27	80	15	4"	ISO 16	Custom	101050595	7 830,00
F2400 Media Filter L Arms ARRAY - 3x36" + 1xF3140 Angled 6" - ISO-16 - DC	DC	36"	3	62	43	129	24	6"	ISO 16	Custom	101050591	10 165,00
F2400 Media Filter L Arms ARRAY - 2x20" + 1xF3140 Angled 3" - ISO-16 - DC - MOBILE ON PLATFORM	DC	20"	2	18	13	24	8	3"	ISO 16	Custom	101050592	4 860,00
F2400 Media Filter L Arms ARRAY - 3x20" + 1xF3140 Angled 3" - ISO-16 - DC - MOBILE ON PLATFORM	DC	20"	3	18	13	36	8	3"	ISO 16	Custom	101050593	5 665,00
F2400 Media Filter L Arms ARRAY - 2x24" + 1xF3140 IN-LINE 3" 130mic - ISO-16 - DC - MOBILE ON PLATFORM	DC	24"	2	28	20	40	12	3"	ISO 16	Custom	101050541	5 075,00
F2400 Media Filter L Arms ARRAY - 3x24" + 1xF3140 Angled 3" - ISO-16 - DC - MOBILE ON PLATFORM	DC	24"	3	28	20	60	12	3"	ISO 16	Custom	101050594	6 475,00

Media Filters Arrays are sold with media. All components included. For help with media recommendations contact Rivulis Irrigation Technical Representative.

Metal Filters | F3100

Excellent filtration choices for removing hard particulates from water, such as sand.

Features

- **F3100 Manual Screen filter**
- Manual cleaning
- Screen options: 130, 200, 400 micron

Benefits

Designed to remove particles from the water by passing the water through an open area in the screen.

The dirt particles are collected on the screen and are removed when the filter is opened and the screen is cleaned manually.



Where to use ?

The F3100 Metal Screen Filters are used in conjunction with sand separators (F1000 or F1400) and media filter arrays (F2000, F2400) as control filters or as back up filters in the field. In general, the F3100 Screen Filter can be used with relatively clean well water.

Use with

Sand separators (F1000 or F1400)

Media filter arrays (F2000, F2400)

Metal Filters | F3100

Product Information

Screen options: 130, 200, 400 micron

Key Operating Guidelines

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

Product Specifications/Options

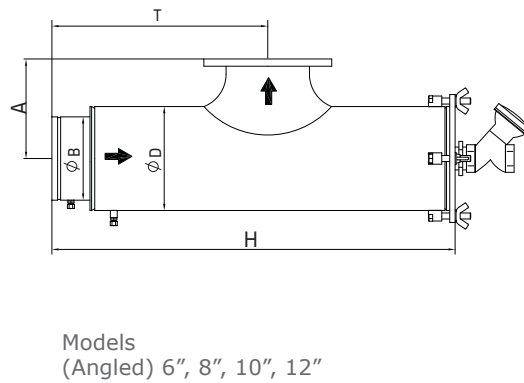
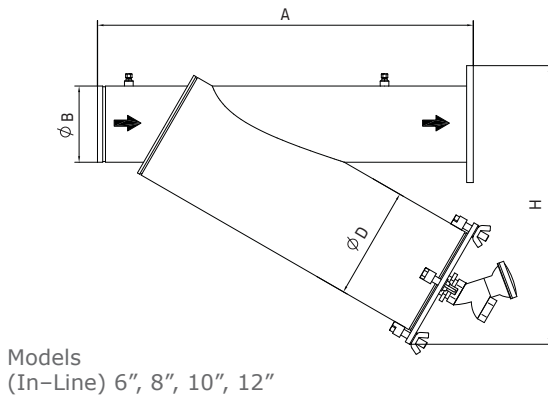
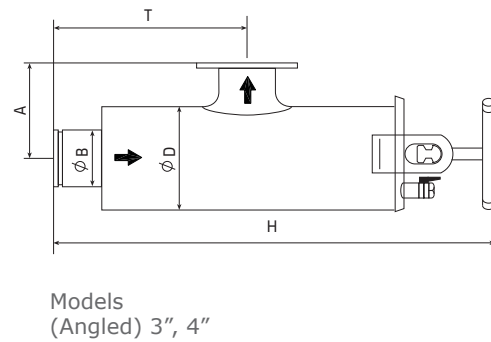
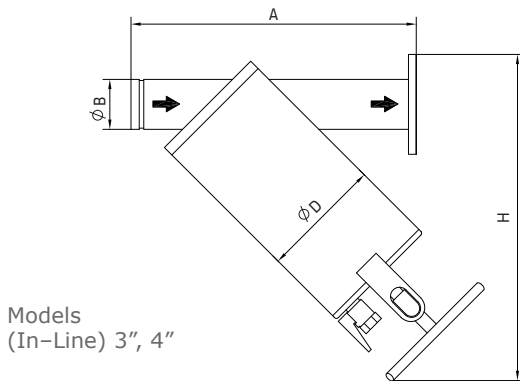
Inlet/ Outlet		Body	Maximum Flow Rate* (m ³ /h)	Screen (micron)	Connection Type
(inch)	(mm)				
3	80	In-Line, Angled	60	100, 130, 200, 400	BSP, ISO-16, VIC, BSTD
4	100	In-Line, Angled	100	100, 130, 200, 400	ISO-16, VIC, BSTD
6	150	In-Line, Angled	250	100, 130, 200, 400	ISO-16, VIC, BSTD
8	200	In-Line, Angled	350	100, 130, 200, 400	ISO-16, VIC, BSTD
10	250	In-Line, Angled	500	100, 130, 200, 400	ISO-16, VIC, BSTD
12	300	In-Line, Angled	650	100, 130, 200, 400	ISO-16, VIC, BSTD

* with 400 micron screen

Metal Filters | F3100

F3100 Metal Screen Filter – Product Dimensions and Weights

B (inch)	(mm)	D (mm)	A (mm)	H (mm)	T (mm)	Weight (kg)
(In-Line)						
3	80	200	540	600	—	26
4	100	200	565	600	—	27
6	150	250	750	765	—	53
8	200	300	1080	800	—	86
10	250	350	1290	825	—	110
12	300	400	1395	925	—	165
(Angled)						
3	80	200	215	680	310	26
4	100	200	255	680	310	27
6	150	250	292	820	460	45
8	200	300	292	1060	570	84
10	250	350	333	1115	610	105
12	300	400	308	1210	780	152



Metal Filters | F3100

F3100 Metal Screen Filter – Product Head Loss Chart (bar)

Filter	Flow Rate (m ³ /h)															
	25	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
(inch)	Head Loss (bar)*															
3	0,02	0,08	0,31	0,69	1,23	—	—	—	—	—	—	—	—	—	—	—
4	—	0,02	0,08	0,18	0,33	0,51	0,73	1,00	—	—	—	—	—	—	—	—
6	—	—	—	0,06	0,10	0,16	0,23	0,31	0,40	0,51	0,63	0,91	—	—	—	—
8	—	—	—	—	0,04	0,06	0,08	0,11	0,15	0,18	0,23	0,33	0,44	0,6	0,76	0,94
10	—	—	—	—	—	—	0,04	0,06	0,08	0,10	0,12	0,17	0,23	0,32	0,40	0,50
12	—	—	—	—	—	—	—	—	0,05	0,07	0,08	0,12	0,17	0,22	0,28	0,35

* with 400 micron screen

Metal Filters | F3100

Technical Data F3100 Metal Screen Filter (Manual)

Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F3100 Metal Screen Filter
Angle (Manual)



F3100 Metal Screen Filter
In-Line (Manual)

F3100 Metal Screen Filters (Manual)

22

Description	Body Style	Inlet/Outlet Size		Connection Type	Screen Rating	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)						
F3100 Metal Screen Filter (Manual)	Angle	3	80	ISO-16	130	1	Custom	101043168	435,00
F3100 Metal Screen Filter (Manual)	Angle	3	80	BSP	130	1	Custom	101043128	435,00
F3100 Metal Screen Filter (Manual)	Angle	4	100	ISO-16	130	1	Custom	101043170	570,00
F3100 Metal Screen Filter (Manual)	Angle	4	100	ISO-16	200	1	Custom	101043171	570,00
F3100 Metal Screen Filter (Manual)	Angle	6	150	ISO-16	130	1	Custom	101043172	1 000,00
F3100 Metal Screen Filter (Manual)	Angle	8	200	ISO-16	130	1	Custom	101043174	1 530,00
F3100 Metal Screen Filter (Manual)	Angle	10	250	ISO-16	130	1	Custom	101043176	2 570,00

Metal Filters | F3100

F3100 Metal Screen Filters (Manual)									22
Description	Body Style	Inlet/Outlet Size		Connection Type	Screen Rating	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)						
F3100 Metal Screen Filter (Manual)	In-Line	3	80	BSP	130	1	Custom	101043100	465,00
F3100 Metal Screen Filter (Manual)	In-Line	3	80	ISO-16	130	1	Custom	101043156	465,00
F3100 Metal Screen Filter (Manual)	In-Line	3	80	ISO-16	200	1	Custom	101043157	465,00
F3100 Metal Screen Filter (Manual)	In-Line	4	100	ISO-16	130	1	Custom	101043158	610,00
F3100 Metal Screen Filter (Manual)	In-Line	4	100	ISO-16	200	1	Custom	101043159	610,00
F3100 Metal Screen Filter (Manual)	In-Line	6	150	ISO-16	100	1	Custom	WT15347	1 060,00
F3100 Metal Screen Filter (Manual)	In-Line	6	150	ISO-16	130	1	Custom	101043160	1 060,00
F3100 Metal Screen Filter (Manual)	In-Line	8	200	ISO-16	130	1	Custom	101043162	1 530,00
F3100 Metal Screen Filter (Manual)	In-Line	10	250	ISO-16	130	1	Custom	101043164	2 570,00

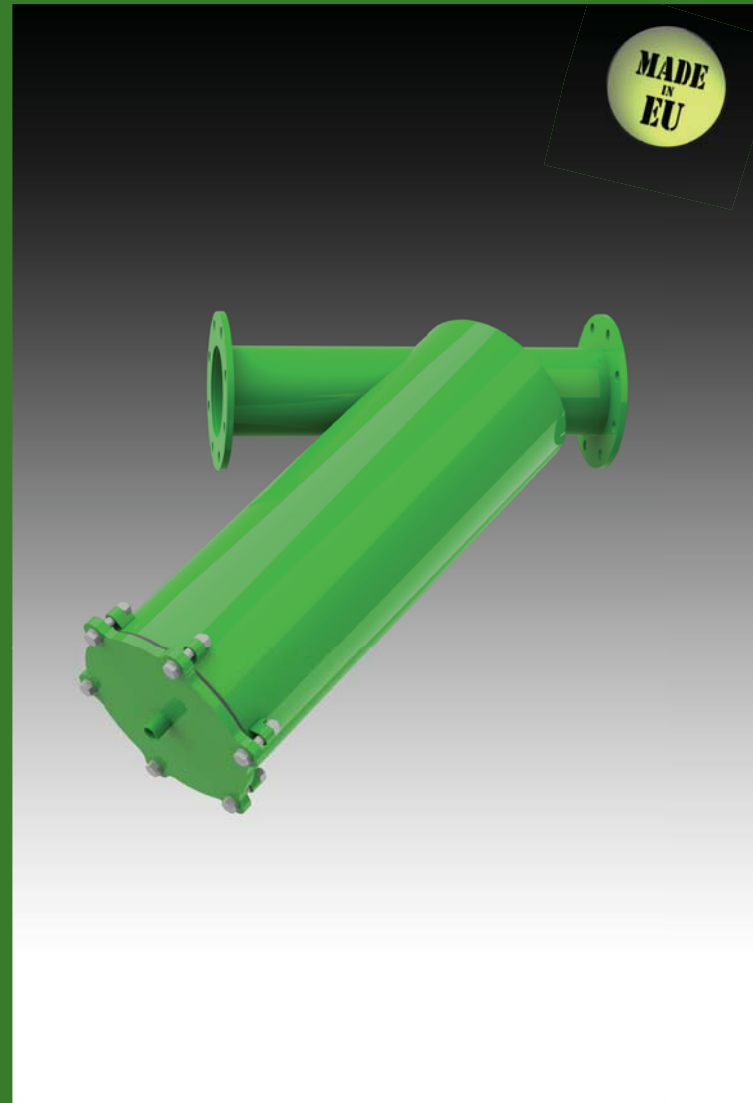
Excellent filtration choices for removing hard particulates from water, such as sand.

Features

- F3140 Manual Screen Filter
- Manual cleaning
- As standard they are made of carbon steel coated with epoxy-polyester powder paint, inside and outside.

Benefits

- Inside and outside coating treatment to provide maximum durability
- Manual screen filters are designed to remove particles from the water by passing the water through an open area in the screen.
- The dirt particles are collected on the screen and are removed when the filter is opened and the screen is cleaned manually.



When to use?

The F3140 Metal Screen Filters are used in conjunction with sand separators (F1000 or F1400) and media filter arrays (F2000, F2400) as control filters or as back up filters in the field.

Use with

- sand separators (F1000 or F1400)
- media filter arrays (F2000, F2400)

Metal Filters | F3140

Product Information

Screen options: 100, 130, 200, 400 micron

In-Line or Angle

Key Operating Guidelines

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

Product Specifications/Options

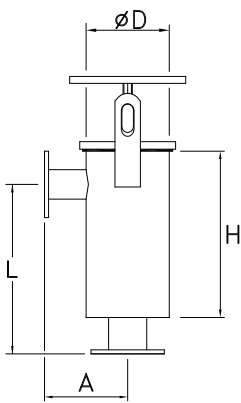
Inlet/ Outlet		Body	Maximum Flow Rate*	Screen	Connection Type
(inch)	(mm)				
2	50	In-Line, Angle	25	100, 130, 200, 400	BSP
3	80	In-Line, Angle	60	100, 130, 200, 400	BSP, ISO-16, VIC, BSTD
4	100	In-Line, Angle	200	100, 130, 200, 400	ISO-16, VIC, BSTD
6	150	In-Line	250	100, 130, 200, 400	ISO-16, VIC, BSTD

* with 125 micron screen

Metal Filters | F3140

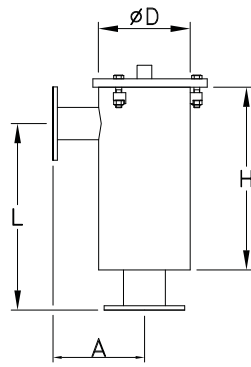
F3140 Metal Screen Filter – Product Dimensions and Weights

B (inch)	D (mm)	L (mm)	H (mm)	A (mm)	Weight (kg)
(In-Line)					
2	50	450	377	550	13
3	80	495	502	680	20
4	100	695	659	860	35
6	150	725	894	1500	66
(Angle)					
2	50	350	377	605	12
3	80	365	502	750	19
4	100	500	659	800	32

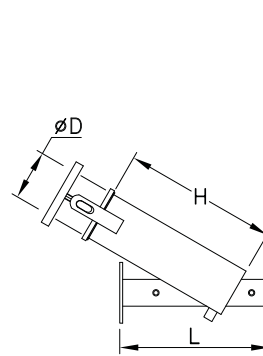


Type A
2" y 3"

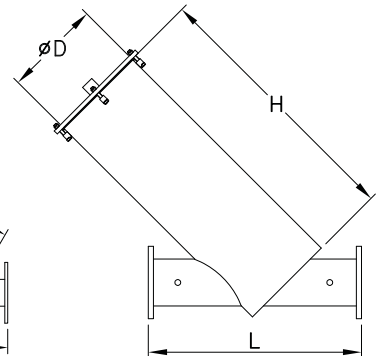
F3140 Metal Screen Filter
Angle (Manual)



Type B
4"



Type A



Type B

F3140 Metal Screen Filter
In-Line (Manual)

F3140 Metal Screen Filter – Product Head Loss Chart (bar)

Filter (inch)	Flow Rate (m ³ /h)				
	20	50	100	150	200
Head Loss (bar)*					
2	0,15	-	-	-	-
3	0,01	0,4	1,3	-	-
4	-	0,02	0,18	0,4	1,1
6	-	-	0,05	0,15	0,5

* with 125 micron screen

Metal Filters | F3140

Technical Data F3140 Metal Screen Filter (Manual)

Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F3140 Metal Screen Filter
In-Line (Manual)

F3140 Metal Screen Filters In-Line (Manual)									22
Description	Body Style	Inlet/Outlet Size		Connection Type	Screen Rating	Min. Qty.	Order Status	Item Number	Price
		(inch)	(mm)						
F3140 Metal Screen Filter (Manual)	In-Line	2	50	BSP	100	1	Custom	101050964	270,00
F3140 Metal Screen Filter (Manual)	In-Line	2	50	BSP	130	1	Custom	101050965	270,00
F3140 Metal Screen Filter (Manual)	In-Line	3	80	ISO-16	100	1	Standard	101050581	365,00
F3140 Metal Screen Filter (Manual)	In-Line	3	80	ISO-16	130	1	Custom	101050582	365,00
F3140 Metal Screen Filter (Manual)	In-Line	4	100	ISO-16	100	1	Custom	101050583	520,00
F3140 Metal Screen Filter (Manual)	In-Line	4	100	ISO-16	130	1	Custom	101050584	520,00
F3140 Metal Screen Filter (Manual)	In-Line	6	150	ISO-16	100	1	Custom	101050585	890,00
F3140 Metal Screen Filter (Manual)	In-Line	6	150	ISO-16	130	1	Custom	101050586	890,00

F3140 Metal Screen Filters Angle (Manual)									22
Description	Body Style	Inlet/Outlet Size		Connection Type	Screen Rating	Min. Qty.	Order Status	Item Number	Price
		(inch)	(mm)						
F3140 Metal Screen Filter (Manual)	Angle	2	50	BSP	100	1	Custom	101050966	255,00
F3140 Metal Screen Filter (Manual)	Angle	2	50	BSP	130	1	Custom	101050967	255,00
F3140 Metal Screen Filter (Manual)	Angle	3	80	ISO-16	100	1	Custom	101050968	305,00
F3140 Metal Screen Filter (Manual)	Angle	3	80	ISO-16	130	1	Custom	101050969	305,00
F3140 Metal Screen Filter (Manual)	Angle	4	100	ISO-16	100	1	Custom	101050970	560,00
F3140 Metal Screen Filter (Manual)	Angle	4	100	ISO-16	130	1	Custom	101050971	560,00

F3200 Metal Screen Filter with Hydraulic Operation

Features

- **F3200 Automatic Screen Filter - Hydraulic**
- A compact body design
- The flushing process is done by highly efficient suction nozzles.

Body styles: angle (compact), parallel

Screen options: 100, 130, 200 micron

PVC screen

Current options: AC or DC controlled

Benefits

The ideal choice for applications without AC electricity because of its hydraulic motor that powers the flushing cycle.

The F3200 Filter utilizes continuous movement of the collector assembly to remove particles from the screen.

The filter requires a small footprint.

The entire screen is exposed to the flushing process because of the continuous linear movement of the collector assembly (only for parallel model).

These filters are self-cleaning and continue to operate during the flushing cycle.



When to use?

Used as a primary filter for water containing large quantities of dirt; up to 50 ppm and from water sources such as rivers, lakes, wells, and recycled water.

Metal Filters | F3200

Product Information

Body styles: angle (compact), parallel

Screen options: 100, 130, 200 micron

PVC Screen

Current options: AC or DC controlled

Key Operating Guidelines

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

Minimum flushing pressure: 2,0 bar



F3200 Metal Screen Filter with Hydraulic Operation
Angle (compact)



F3200 Metal Screen Filter with Hydraulic Operation
Parallel

Metal Filters | F3200

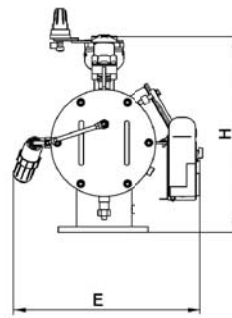
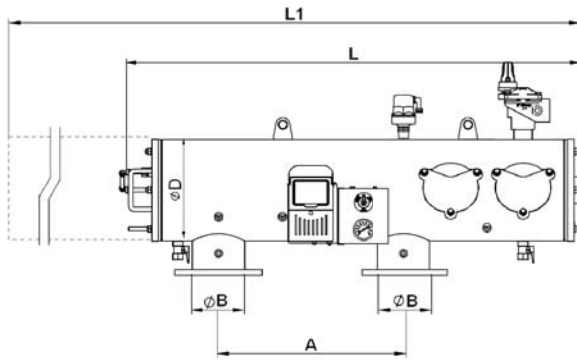
F3200 Metal Screen Filter with Hydraulic Operation – Summary

Inlet/outlet		Body	Connections	Maximum Flow Rate (m ³ /h)	Flush Flow Rate Range (m ³ /h)	Screen Area (cm ²)	Screens (micron)	Current Options
(inch)	(mm)							
2	50	Angle	BSP, BSTD, ISO-16	25	4-5	850	80, 100, 130, 200	AC, DC
3	80	Angle	BSTD, ISO-16	40	4-5	1450	80, 100, 130, 200	AC, DC
4	100	Angle	BSTD, ISO-16	60	4-5	1450	80, 100, 130, 200	AC, DC
4L	100	Angle	BSTD, ISO-16	80	8-10	2360	80, 100, 130, 200	AC, DC
6	150	Angle	BSTD, ISO-16	150	8-10	4500	80, 100, 130, 200	AC, DC
8	200	Angle	BSTD, ISO-16	300	12-14	6200	80, 100, 130, 200	AC, DC
2	50	Parallel	BSP, BSTD, ISO-16	25	11	2500	80, 100, 130, 200	AC, DC
3	80	Parallel	BSTD, ISO-16	40	11	2500	80, 100, 130, 200	AC, DC
4	100	Parallel	BSTD, ISO-16	60	11	2500	80, 100, 130, 200	AC, DC
4L	100	Parallel	BSTD, ISO-16	80	16	4000	80, 100, 130, 200	AC, DC
6	150	Parallel	BSTD, ISO-16	120	16	4000	80, 100, 130, 200	AC, DC
6L	150	Parallel	BSTD, ISO-16	150	16	6000	80, 100, 130, 200	AC, DC
8	200	Parallel	BSTD, ISO-16	200	22	6000	80, 100, 130, 200	AC, DC
8L	200	Parallel	BSTD, ISO-16	300	28	8000	80, 100, 130, 200	AC, DC
10	250	Parallel	BSTD, ISO-16	300	22	6000	80, 100, 130, 200	AC, DC
10L	250	Parallel	BSTD, ISO-16	400	28	8000	80, 100, 130, 200	AC, DC
12	300	Parallel	BSTD, ISO-16	470	28	8000	80, 100, 130, 200	AC, DC
12L	300	Parallel Long	BSTD, ISO-16	600	23	10050	80, 100, 130, 200	AC, DC
14	350	Parallel	BSTD, ISO-16	550	28	8000	80, 100, 130, 200	AC, DC
14L	350	Parallel Long	BSTD, ISO-16	800	23	10050	80, 100, 130, 200	AC, DC
16L	400	Parallel Long	BSTD, ISO-16	1000	23	10050	80, 100, 130, 200	AC, DC
18L	450	Parallel Long	BSTD, ISO-16	1300	23	16150	80, 100, 130, 200	AC, DC
20L	500	Parallel Long	BSTD, ISO-16	1600	23	16150	80, 100, 130, 200	AC, DC

Metal Filters | F3200

F3200 (Parallel) – Product Dimensions and Weights

Size	B	D	A	E	H	L	L1	Weight
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
3"	80	300	430	680	360	1280	2280	162
4"	100	300	600	680	360	1470	2580	195
6"	150	300	600	680	360	1470	2580	200
8"	200	300	780	740	780	1720	3080	295
10"	250	400	780	740	780	1720	3080	300
12"	300	400	990	740	780	2030	3630	335
12"L	300	450	1200	670	880	2340	4250	430
14"	350	400	990	740	780	2030	3630	360
14"L	350	450	1200	670	880	2340	4250	450
16"L	400	450	1200	670	880	2340	4250	465
18"L	450	600	1400	820	1160	2660	4750	635
20"L	500	600	1400	820	1160	2660	4750	665



Metal Filters | F3200

Product Head Loss Chart (bar) -80-150 mm Parallel

Size	Flow Rate (m ³ /h)												
	15	20	25	50	75	100	125	150	200	250	300	350	400
(inch)	Head Loss (Bar)												
3			0,05	0,21	0,46	0,83							
4				0,07	0,16	0,28	0,44	0,64	1,13				
6						0,06	0,09	0,12	0,22	0,35	0,5	0,68	0,89

Product Head Loss Chart (bar) - 200-350 mm Parallel

Size	Flow Rate (m ³ /h)												
	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000
(inch)	Head Loss (Bar)												
8	0,08	0,17	0,3	0,47	0,68	0,92	1,2						
10		0,07	0,13	0,21	0,3	0,4	0,53	0,67	0,83	1,19			
12			0,07	0,11	0,15	0,21	0,27	0,34	0,42	0,61	0,95		
14				0,06	0,09	0,12	0,15	0,19	0,24	0,35	0,54	0,78	0,96

Product Head Loss Chart (bar) - 300-400 mm Parallel Long

Size	Flow Rate (m ³ /h)												
	400	500	600	700	800	900	1000	1200	1500	1800	2000	2300	2500
(inch)	Head Loss (Bar)												
12 L	0,07	0,11	0,15	0,21	0,27	0,34	0,42	0,61	0,95				
14 L		0,06	0,09	0,12	0,15	0,19	0,24	0,35	0,54	0,78	0,96		
16 L			0,05	0,07	0,09	0,12	0,15	0,21	0,33	0,48	0,59	0,78	0,92

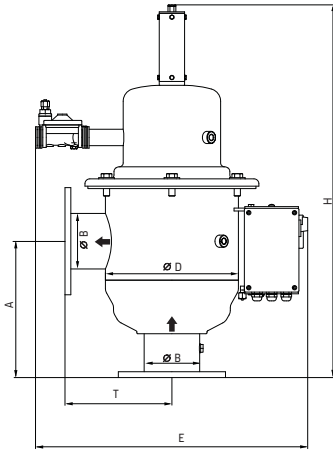
F3200 – Product Head Loss Chart (bar) – 450–500 Parallel Long

Size	Flow Rate (m ³ /h)												
	800	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	4250
(inch)	Head Loss (bar)												
18 L	0,06	0,09	0,14	0,20	0,28	0,36	0,46	0,56	0,68	0,81	1,10	—	—
20 L	—	0,06	0,09	0,12	0,17	0,22	0,28	0,34	0,42	0,50	0,68	0,88	1,00

Metal Filters | F3200

F3200 (Angle) – Product Dimensions and Weights

Size	B	D	A	E	H	T	Weight
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
2 Thread	50	250	196	540	570	185	27
3 Thread	80	250	260	540	750	195	41
3 Flange	80	250	280	540	770	220	41
4	100	250	280	540	905	220	48
4L							
6	150	300	540	600	1310	320	65
8	200	300	700	600	1530	320	78



F3200 – Product Head Loss Chart (bar) – 50–200 mm Angled

Inlet/outlet		Flow Rate (m ³ /h)											
		15	25	50	75	100	150	200	250	300	350	400	500
(inch)	(mm)	Head Loss (bar)											
2	50	0,07	0,21	0,83	—	—	—	—	—	—	—	—	—
3	80	—	—	0,16	0,36	0,64	—	—	—	—	—	—	—
4	100	—	—	0,07	0,15	0,26	0,59	1,04	—	—	—	—	—
4L	100	—	—	0,05	0,11	0,19	0,43	0,76	—	—	—	—	—
6	150	—	—	—	—	0,06	0,13	0,23	0,35	0,51	0,69	0,90	—
8	200	—	—	—	—	—	0,04	0,08	0,12	0,17	0,23	0,30	0,47

Metal Filters | F3200

Technical Data F3200 Metal Screen Filter with Hydraulic Operation	
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar
Minimum flushing pressure:	2,0 bar



F3200 Metal Screen Filter with Hydraulic Operation (Angle)

F3200 Metal Screen Filter - Hydraulic Operation											22
Description	Body Style	Inlet/Outlet Size		Con.	Screen*	Screen Rating	Cont.	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)								(micron)
F3200 Metal Screen Filter with Hydraulic Operation	Angle	2	50	BSP	PVC	100	DC	1	Custom	WT12710	1800,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	2	50	BSP	PVC	130	DC	1	Custom	WT12711	1800,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	2	50	ISO16	PVC	100	DC	1	Custom	WT12722	1800,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	2	50	ISO16	PVC	130	DC	1	Custom	WT12723	1800,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	3	80	ISO16	PVC	100	DC	1	Custom	WT12749	2035,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	3	80	ISO16	PVC	130	DC	1	Standard	WT12750	2035,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	4	100	ISO16	PVC	100	DC	1	Custom	WT12769	2885,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	4	100	ISO16	PVC	130	DC	1	Custom	WT12770	2885,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	6	150	ISO16	PVC	100	DC	1	Custom	WT12789	4190,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	6	150	ISO16	PVC	130	DC	1	Custom	WT12790	4190,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	8	200	ISO16	PVC	100	DC	1	Custom	WT12809	6090,00
F3200 Metal Screen Filter with Hydraulic Operation	Angle	8	200	ISO16	PVC	130	DC	1	Custom	WT12810	6090,00

* SST 316 : Stain less steel 316 screen with polymer frame (PVC) - Other references with sintered screen are available please consult

Metal Filters | F3200

Technical Data

F3200 Metal Screen Filter with Hydraulic Operation

Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar
Minimum flushing pressure:	2,0 bar



F3200 Metal Screen Filter with Hydraulic Operation, Parallel

F3200 Metal Screen Filter - Hydraulic Operation

22

Description	Body Style	Inlet/Outlet Size		Con.	Screen	Screen Rating	Cont.	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)								(micron)
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	3	80	ISO16	PVC	100	DC	1	Custom	101046464	4675,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	3	80	ISO16	PVC	130	DC	1	Custom	101046465	4675,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	4" S	100	ISO16	PVC	100	DC	1	Custom	101046484	4850,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	4" S	100	ISO16	PVC	130	DC	1	Custom	101046485	4850,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	4	100	ISO16	PVC	100	DC	1	Custom	101046504	6200,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	4	100	ISO16	PVC	130	DC	1	Custom	101046505	6200,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	6	150	ISO16	PVC	100	DC	1	Custom	101046524	6700,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	6	150	ISO16	PVC	130	DC	1	Custom	101046525	6700,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	6L	150	ISO16	PVC	100	DC	1	Standard	101046544	7745,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	6L	150	ISO16	PVC	130	DC	1	Standard	101046545	7745,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	8	200	ISO16	PVC	100	DC	1	Custom	101046564	8370,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	8	200	ISO16	PVC	130	DC	1	Custom	101046565	8370,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	10	250	ISO16	PVC	100	DC	1	Custom	101046604	13200,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	10	250	ISO16	PVC	130	DC	1	Custom	101046605	13200,00
F3200 Metal Screen Filter with Hydraulic Operation	Parallel	10	250	ISO16	PVC	200	DC	1	Custom	101046606	13200,00

F3240 Metal Screen Filter with Hydraulic Operation

Features

- **F3240 Automatic Screen Filter - Hydraulic**
- Body styles: angle (compact), parallel
- Screen options: 100, 130, 200 micron
- Molded screen standard / Sintered screen optional
- Current options: AC or DC controlled
- As standard filters are made of carbon steel coated with epoxy-polyester powder paint, inside and outside.

Benefits

The F3240 Filter utilizes continuous movement of the collector assembly to remove particles from the screen.

The filter has a compact body design that requires a small footprint.

The flushing mechanism has several advantages including no requirement for AC power because of its hydraulic motor that powers the flushing cycle.

The flushing process is done by highly efficient suction nozzles.

These filters are self-cleaning and continue to operate during the flushing cycle.



When to use?

- Ideal choice for applications without AC electricity.
- Used as a primary filter for water containing large quantities of dirt; up to 50 ppm and from water sources such as rivers, lakes, wells, and recycled water.

Metal Filters | F3240

Product Information

Body styles: angle (compact), parallel
Screen options: 100, 130, 200 micron
Molded screen standard / Sintered screen optional
Current options: AC or DC controller

Key Operating Guidelines

Maximum working pressure: 8,0 bar
Maximum pressure: 10,0 bar
Minimum flushing pressure: 2,0 bar

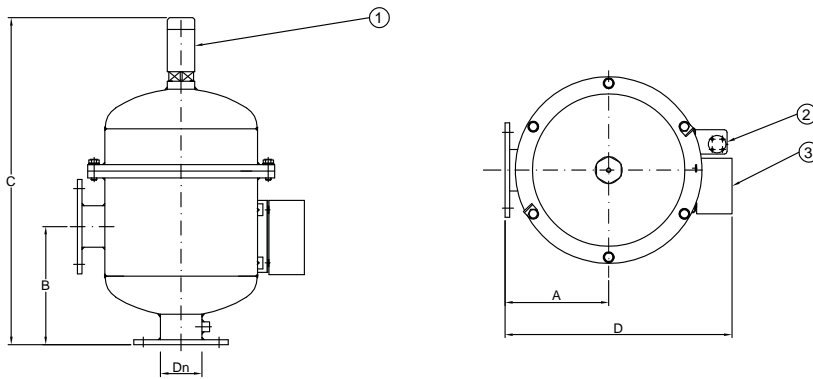
F3240 Metal Screen Filter with Hydraulic Operation – Summary

Inlet/outlet		Body	Connections	Maximum Flow Rate (m ³ /h)	Flush Flow Rate Range (l/flushing)	Screen Area (cm ²)	Screens (micron)	Current Options
(inch)	(mm)							
2	50	Angle	BSP,	25	5	910	80, 100, 130, 200	AC, DC
3	80	Angle	BSTD, ISO-16	50	12,5	1600	80, 100, 130, 200	AC, DC
4	100	Angle	BSTD, ISO-16	80	15,5	2400	80, 100, 130, 200	AC, DC
6	150	Angle	BSTD, ISO-16	150	53	4800	80, 100, 130, 200	AC, DC
3	80	Parallel	BSTD, ISO-16	60	25	2450	80, 100, 130, 200	AC, DC
4	100	Parallel	BSTD, ISO-16	80	49	4800	80, 100, 130, 200	AC, DC
6	150	Parallel	BSTD, ISO-16	160	110	7200	80, 100, 130, 200	AC, DC
8	200	Parallel	BSTD, ISO-16	300	178	9600	80, 100, 130, 200	AC, DC
10	250	Parallel	BSTD, ISO-16	400	238	12000	80, 100, 130, 200	AC, DC

Metal Filters | F3240

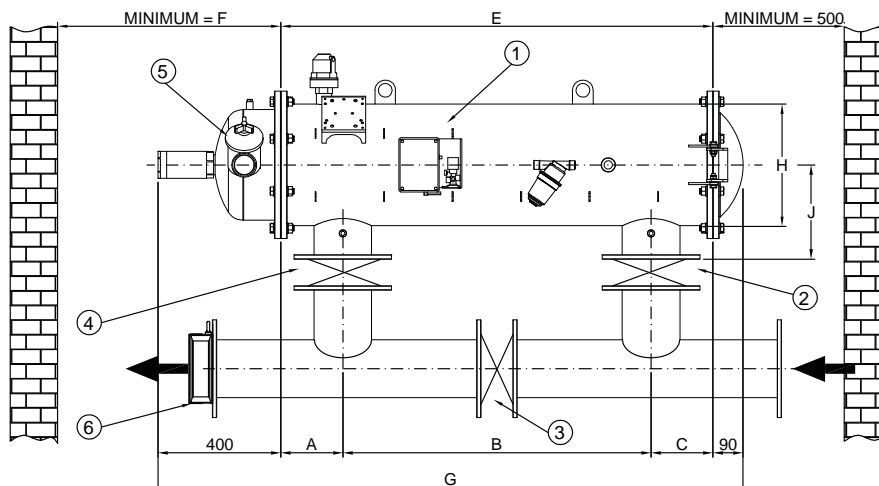
F3240 (Angle) – Product Dimensions and Weights

Size (inch)	DN (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
2	50	220	220	600	480	35
3	80	220	250	690	480	45
4	100	260	320	800	570	60
6	150	260	470	1075	570	81



F3240 (Parallel) – Product Dimensions and Weights

Size (inch)	DN (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
3"	80	156	360	196	712	500	1202	100
4"	100	111	770	106	987	690	1477	115
6"	150	181	900	181	1262	970	1752	130
8"	200	231	1100	206	1537	1240	2027	145
10"	250	231	1370	211	1812	1520	2302	165



Metal Filters | F3240

F3240 – Product Head Loss Chart (bar) – Angled

Inlet/outlet		Flow Rate (m ³ /h)								
		15	25	50	75	100	150	200	250	300
(inch)	(mm)	Head Loss (bar)								
2	50	0,02	0,06	0,35	0,8	—	—	—	—	—
3	80	—	—	0,07	0,17	0,35	0,7	—	—	—
4	100	—	—	0,012	0,06	0,11	0,25	0,5	—	—
6	150	—	—	—	0,012	0,03	0,07	0,17	0,25	0,40

F3240 – Product Head Loss Chart (bar) – Parallel

Inlet/outlet		Flow Rate (m ³ /h)									
		15	25	50	75	100	150	200	300	400	500
(inch)	(mm)	Head Loss (bar)									
3	80	—	0,02	0,07	0,15	0,25	0,43	-	—	—	—
4	100	—	—	0,03	0,05	0,1	0,2	0,35	0,65	—	—
6	150	—	—	—	0,03	0,05	0,1	0,18	0,33	0,68	-
8	200	—	—	—	—	0,03	0,06	0,1	0,2	0,40	0,6
10	250						0,03	0,05	0,1	0,20	0,25

Metal Filters | F3240

Technical Data F3240 Metal Screen Filter with Hydraulic Operation

Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar
Minimum flushing pressure:	2,0 bar

F3240 Metal Screen Filter with Hydraulic Operation (Angle)



F3240 Metal Screen Filter - Hydraulic Operation											22
Description	Body Style	Inlet/Outlet Size		Con.	Screen*	Screen Rating	Cont.	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)								(micron)
F3240 Metal Screen Filter with Hydraulic Operation	Angle	2	50	BSP	PVC	130	DC	1	Standard	101050564	1900,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	2	50	BSP	PVC	100	DC	1	Standard	101050565	1900,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	3	80	ISO16	PVC	130	DC	1	Standard	101050566	2010,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	3	80	ISO16	PVC	100	DC	1	Standard	101050567	2010,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	4	100	ISO16	Molded	130	DC	1	Standard	101050568	2535,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	4	100	ISO16	Molded	100	DC	1	Standard	101050569	2535,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	6	150	ISO16	Molded	130	DC	1	Standard	101050570	3785,00
F3240 Metal Screen Filter with Hydraulic Operation	Angle	6	150	ISO16	Molded	100	DC	1	Standard	101050571	3785,00

Also available in Sintered screen, other microns and connections available

Metal Filters | F3240

Technical Data

F3240 Metal Screen Filter with Hydraulic Operation

Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar
Minimum flushing pressure:	2,0 bar

F3240 Metal Screen Filter with Hydraulic Operation, Parallel



F3240 Metal Screen Filter - Hydraulic Operation											22
Description	Body Style	Inlet/Outlet Size		Con.	Screen	Screen Rating	Cont.	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)			(micron)					(each)
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	3	80	ISO16	Molded	130	DC	1	Custom	101050572	3920,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	3	80	ISO16	Molded	100	DC	1	Custom	101050573	3920,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	4	100	ISO16	Molded	130	DC	1	Standard	101050574	4150,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	4	100	ISO16	Molded	100	DC	1	Standard	101050575	4150,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	6	150	ISO16	Molded	130	DC	1	Standard	101050576	4425,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	6	150	ISO16	Molded	100	DC	1	Standard	101050577	4425,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	8	200	ISO16	Molded	130	DC	1	Standard	101050578	4935,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	8	200	ISO16	Molded	100	DC	1	Standard	101050457	4935,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	10	250	ISO16	Molded	130	DC	1	Standard	101050579	5710,00
F3240 Metal Screen Filter with Hydraulic Operation	Parallel	10	250	ISO16	Molded	100	DC	1	Standard	101050580	5710,00

Also available in Sintered and PVC screen, other microns and connections available

Highly efficient screen filter with automated self-cleaning process

Features

- F3300 Automatic Screen Filter (Electric-Brush)

- A sintered screen better performance and longer life.
- Screen automatically cleaned with Electric Operation (Automatic)
- The flushing cycle are actuated at a predetermined pressure differential or on a schedule using the timer.
- The filter's operation is controlled by a simple flush controller and the cleaning process is activated automatically.
- The cleaning process can also be activated manually

Benefits

- The F3300 Metal Screen Filters with Electric Operation are highly efficient and self-cleaning.
- The sintered screens are automatically cleaned with the movement of the suction nozzles, which are driven by an electric motor.
- The filters continue to operate during flushing and utilize a small amount of water during flushing, making the filters very efficient.



When to use?

- When electrical connection available
- Looking for a filter with a fully automated self-cleaning process
- Used as primary filters for water containing large quantities of dirt, up to 50 ppm, and are used with water sources such as rivers, lakes, wells, and recycled water.
- These filters are designed for emission devices with large openings such as sprinklers.

Metal Filters | F3300

Product Information

Sintered screen

Screen options: 100, 130, 200 micron

Key Operating Guidelines

Minimum working pressure: 2,0 bar

Maximum working pressure: 8,0 bar

Maximum pressure: 10,0 bar

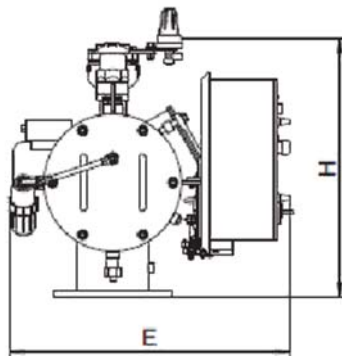
F3300 Metal Screen Filter with Electric Operation – Product Specifications/Options

Inlet/outlet		Body	Connections	Maximum Flow Rate	Flush Flow Rate Range	Screen Area	Screens	Current
(inch)	(mm)			(m ³ /h)	(m ³ /h)	(cm ²)	(micron)	
2	50	Parallel	BSP, BSTD, ISO-16	25	11	2500	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
3	80	Parallel	BSTD, ISO-16	40	11	2500	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
4	100	Parallel	BSTD, ISO-16	60	11	2500	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
4L	100	Parallel	BSTD, ISO-16	80	16	4000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
6	150	Parallel	BSTD, ISO-16	120	16	4000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
6L	150	Parallel	BSTD, ISO-16	150	16	6000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
8	200	Parallel	BSTD, ISO-16	200	16	6000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
8L	200	Parallel	BSTD, ISO-16	300	28	8000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
10	250	Parallel	BSTD, ISO-16	300	22	6000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
10L	250	Parallel	BSTD, ISO-16	400	28	8000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
12	300	Parallel	BSTD, ISO-16	470	28	8000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
12L	300	Parallel Long	BSTD, ISO-16	600	23	10050	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
14	350	Parallel	BSTD, ISO-16	550	28	8000	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
14L	350	Parallel Long	BSTD, ISO-16	800	23	10050	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
16L	400	Parallel Long	BSTD, ISO-16	1000	23	10050	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
18L	450	Parallel Long	BSTD, ISO-16	1300	23	16150	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz
20L	500	Parallel Long	BSTD, ISO-16	1600	23	16150	80, 100, 130, 200	AC 1x220V 50Hz, AC 1x110V 60Hz

Metal Filters | F3300

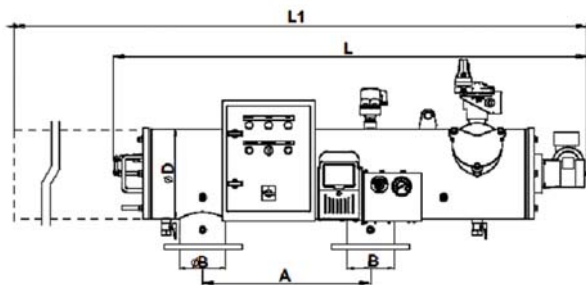
F3300 (Parallel) – Product Dimensions and Weights

In/Out (inch)	B (mm)	D (inch)	A (mm)	E (mm)	H (mm)	L (mm)	L1 (mm)	Weight (kg)
2	50	12	430	680	650	1480	2480	175
3	80	12	430	680	650	1480	2480	178
4	100	12	600	680	650	1660	2780	212
6	150	12	600	680	650	1660	2780	215
8	200	12	780	715	780	1925	3280	312
10	250	16	780	715	780	1925	3280	318
12	300	16	990	715	780	2225	3830	350
14	350	16	990	715	780	2225	3830	376



F3300 (Parallel) – Product Dimensions and Weights

In/Out (inch)	B (mm)	D (inch)	A (mm)	E (mm)	H (mm)	L (mm)	L1 (mm)	Weight (kg)
12 L	300	18	1200	700	890	2820	4710	450
14 L	350	18	1200	735	890	2820	4710	465
16 L	400	18	1200	760	890	2820	4710	480
18 L	450	24	1400	860	1140	3110	5210	650
20 L	500	24	1400	985	1140	3110	5210	679



Metal Filters | F3300

F3300 Metal Screen Filter with Electric Operation – Product Head Loss chart (bar) – 50–150 mm parallel

Filter Inlet/Outlet (inch)	Flow Rate (m ³ /hr)												
	15	20	25	50	75	100	125	150	200	250	300	350	400
2	0,09	0,16	0,25	1,00	—	—	—	—	—	—	—	—	—
3	—	—	0,05	0,21	0,46	0,83	—	—	—	—	—	—	—
4	—	—	—	0,07	0,16	0,28	0,44	0,64	1,13	—	—	—	—
6	—	—	—	—	—	0,06	0,09	0,12	0,22	0,35	0,50	0,68	0,89

Product Head Loss Chart (bar) – 200–350 mm Parallel

Filter Inlet/Outlet (inch)	Flow Rate m ³ /hr												
	200	300	400	500	600	700	800	900	1000	1200	1500	1800	2000
8	0,08	0,17	0,3	0,47	0,68	0,92	1,2	—	—	—	—	—	—
10	—	0,07	0,13	0,21	0,3	0,4	0,53	0,67	0,83	1,19	—	—	—
12	—	—	0,07	0,11	0,15	0,21	0,27	0,34	0,42	0,61	0,95	—	—
14	—	—	—	0,06	0,09	0,12	0,15	0,19	0,24	0,35	0,54	0,78	0,96

Product Head Loss Chart (bar) – 300 – 400 mm Parallel Long

Filter Inlet/Outlet (inch)	Flow Rate (m ³ /hr)												
	400	500	600	700	800	900	1000	1200	1500	1800	2000	2300	2500
12 L	0,07	0,11	0,15	0,21	0,27	0,34	0,42	0,61	0,95	—	—	—	—
14 L	—	0,06	0,09	0,12	0,15	0,19	0,24	0,35	0,54	0,78	0,96	—	—
16 L	—	—	0,05	0,07	0,09	0,12	0,15	0,21	0,33	0,48	0,59	0,78	0,92

Product Head Loss Chart (bar) – 450 – 500 mm Parallel Long

Filter Inlet/Outlet (inch)	Flow Rate (m ³ /hr)												
	800	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	4250
18 L	0,06	0,09	0,14	0,20	0,28	0,36	0,46	0,56	0,68	0,81	1,10	—	—
20 L	—	0,06	0,09	0,12	0,17	0,22	0,28	0,34	0,42	0,50	0,68	0,88	1,00

Metal Filters | F3300

Technical Data F3300 Metal Screen Filter with Electric Operations	
Minimum working pressure:	2,0 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F3300 Metal Screen Filter with Electric Operation (Parallel)

F3300 Metal Screen Filters with Electric Operation (Nozzle) Parallel - 2" - 4"										22
Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Controller Type	Min. Qty.	Order Status	Item Number	Price (€)
		(inch)	(mm)							
F3300 Metal Screen Filter with Electric Operation	Parallel	3	80	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043753	6 220,00
F3300 Metal Screen Filter with Electric Operation	Parallel	3	80	ISO-16	130	AC 1x230V 50Hz	1	Custom	101043754	6 220,00
F3300 Metal Screen Filter with Electric Operation	Parallel	3	80	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043755	6 220,00
F3300 Metal Screen Filter with Electric Operation	Parallel	4	100	ISO-16	130	AC 1x230V 50Hz	1	Custom	101043766	8 060,00
F3300 Metal Screen Filter with Electric Operation	Parallel	4	100	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043767	8 060,00
F3300 Metal Screen Filter with Electric Operation	Parallel	4" S	100	ISO-16	130	AC 1x220V 50Hz	1	Custom	WT11873	6 545,00
F3300 Metal Screen Filter with Electric Operation	Parallel	4" S	100	ISO-16	100	AC 1x220V 50Hz	1	Custom	WT12407	6 545,00

Metal Filters | F3300

Technical Data

F3300 Metal Screen Filter with Electric Operations

Minimum working pressure:	2,0 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F3300 Metal Screen Filter with Electric Operation (Parallel)

F3300 Metal Screen Filters with Electric Operation (Nozzle) Parallel - 6" - 8"

22

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Controller Type	Min. Qty.	Order Status	Item Number	Price (€)
		(inch)	(mm)							(micron)
F3300 Metal Screen Filter with Electric Operation	Parallel	6	150	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043777	10 345,00
F3300 Metal Screen Filter with Electric Operation	Parallel	6	150	ISO-16	130	AC 1x230V 50Hz	1	Custom	101043778	10 345,00
F3300 Metal Screen Filter with Electric Operation	Parallel	6	150	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043779	10 345,00
F3300 Metal Screen Filter with Electric Operation	Parallel	8	200	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043789	12 595,00
F3300 Metal Screen Filter with Electric Operation	Parallel	8	200	ISO-16	130	AC 1x230V 50Hz	1	Custom	101043790	12 595,00
F3300 Metal Screen Filter with Electric Operation	Parallel	8	200	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043791	12 595,00

F3300 Metal Screen Filters with Electric Operation (Nozzle) Parallel - 10" - 14"

22

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Controller Type	Min. Qty.	Order Status	Item Number	Price (€)
		(inch)	(mm)							(micron)
F3300 Metal Screen Filter with Electric Operation	Parallel	10	250	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043651	15 345,00
F3300 Metal Screen Filter with Electric Operation	Parallel	10	250	ISO-16	130	AC 1x230V 50Hz	1	Custom	101043652	15 345,00
F3300 Metal Screen Filter with Electric Operation	Parallel	10	250	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043653	15 345,00

The ideal choice for applications without electricity.

Features

- **F3400 Continuous Circulation Screen Filter (Suction / Brush)**
- Sintered screen
- Screen options: 130, 200 micron
- DC controller

Benefits

- F3400 Metal Screen Filters with Continuous Circulation are the ideal choice for applications without electricity.
- The F3400 Filters utilizes centrifugal movement of the water to keep the screen clean during the irrigation process. The sediments collect in the lower chamber to be purged by the control valve. As a result there is no increase in head loss during operation. The flushing of the collecting chamber is done automatically by a flushing controller during the irrigation process.



When to use?

- When no electrical connection available
- Used as a primary filter for water containing minimum quantity of suspended particles and from sources with accurate working pressure.

Metal Filters | F3400

Product Information
Sintered screen
Screen options: 130, 200 micron
DC controller

Key Operating Guidelines
Minimum head loss: 0,25 bar
Maximum recommended head loss: 0,50 bar
Maximum working pressure: 8,0 bar
Maximum pressure: 10,0 bar

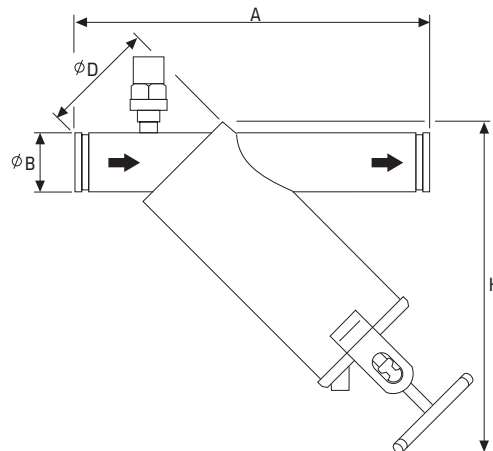
F3400 Metal Screen Filter with Continuous Circulation – Product specifications / Options

Inlet/outlet		Body	Connections	Flow Rate	Screens	Control
(inch)	(mm)					
3	80	In-Line	BSTD, ISO-16	25-45	80, 100, 130, 200	DC, Manual
4	100	In-Line	BSTD, ISO-16	40-75	80, 100, 130, 200	DC, Manual
6	150	In-Line	BSTD, ISO-16	80-150	80, 100, 130, 200	DC, Manual
8	200	In-Line	BSTD, ISO-16	165-300	80, 100, 130, 200	DC, Manual
10	250	In-Line	BSTD, ISO-16	270-500	80, 100, 130, 200	DC, Manual

Metal Filters | F3400

F3400 (Continuous) – Product Dimensions and Weights

Size (Inlet/Outlet)		B	D	A	H	Weight
(inch)	(mm)	(mm)	(inch)	(mm)	(mm)	(kg)
3	80	80	8	525	720	29
4	100	100	8	565	900	35
6	150	150	10	735	1200	56
8	200	200	16	875	1050	130
10	250	250	16	1195	1100	175



Flow Rate Based On Head Loss Chart – 4 Open Holes

Size (Inlet/Outlet)		Head Loss (bar)					
		0,25	0,30	0,40	0,50	0,60	0,70
(inch)	(mm)	Flow Rate Q (m ³ /h)					
3	80	32	35	40	45	49	53
4	100	53	58	67	75	82	89
6	150	106	116	134	150	164	177
8	200	210	230	270	300	330	355
10	250	355	390	450	500	550	590

Flow Rate Based on Head Loss Chart – 3 Open Holes (1 Stopper)

Size (Inlet/Outlet)		Head Loss (bar)					
		0,25	0,30	0,40	0,50	0,60	0,70
(inch)	(mm)	Flow Rate Q (m ³ /h)					
3	80	25	27	31	35	38	41
4	100	41	45	52	58	64	69
6	150	81	89	103	115	126	136
8	200	165	180	205	230	255	275
10	250	270	295	345	385	420	455

Metal Filters | F3400

Technical Data	
F3400 Metal Screen Filter with Continuous Circulation	
Minimum working pressure:	1,0 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F3400 Metal Screen Filter with Continuous Circulation (In-Line)

F3400 Metal Screen Filter - Continuous Circulation								22	
Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)						
F3400 Metal Screen Filter with Continuous Circulation	In-Line	3	80	ISO-16	130	1	Custom	101043860	1 165,00
F3400 Metal Screen Filter with Continuous Circulation	In-Line	4	100	ISO-16	130	1	Custom	101043862	1 365,00
F3400 Metal Screen Filter with Continuous Circulation	In-Line	6	150	ISO-16	130	1	Custom	101043864	2 460,00
F3400 Metal Screen Filter with Continuous Circulation	In-Line	8	200	ISO-16	130	1	Custom	101043866	3 640,00

Metal Filters | F3440

The ideal choice for applications without electricity.

Features

- **F3440 Continuous Circulation Screen Filter**
- PVC screen
- Screen options: 100, 130, 200 micron
- Controller not included

Benefits

- F3440 Metal Screen Filters with Continuous Circulation are the ideal choice for applications without electricity.
- The F3400 Filters utilizes centrifugal movement of the water to keep the screen clean during the irrigation process. The sediments collect in the lower chamber to be purged by the control valve. As a result there is no increase in head loss during operation.



When to use?

- When no electrical connection available
- Used as a primary filter for water containing minimum quantity of suspended particles and from sources with accurate working pressure.

Metal Filters | F3440

Product Information

PVC screen

Screen options: 100, 130, 200 micron

Controller not included

Key Operating Guidelines

Minimum head loss: 0,25 bar

Maximum recommended head loss: 0,50 bar

Maximum working pressure: 8,0 bar

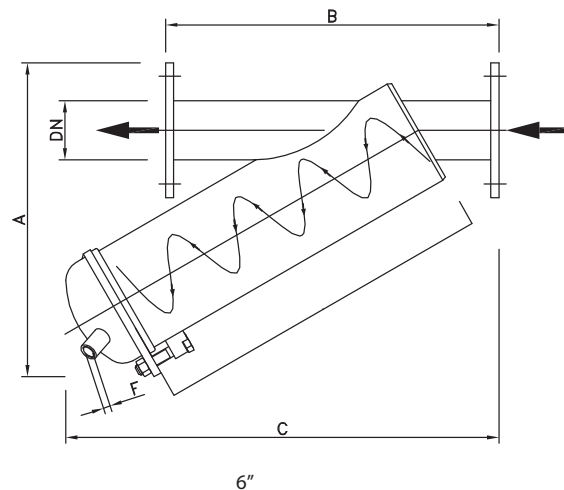
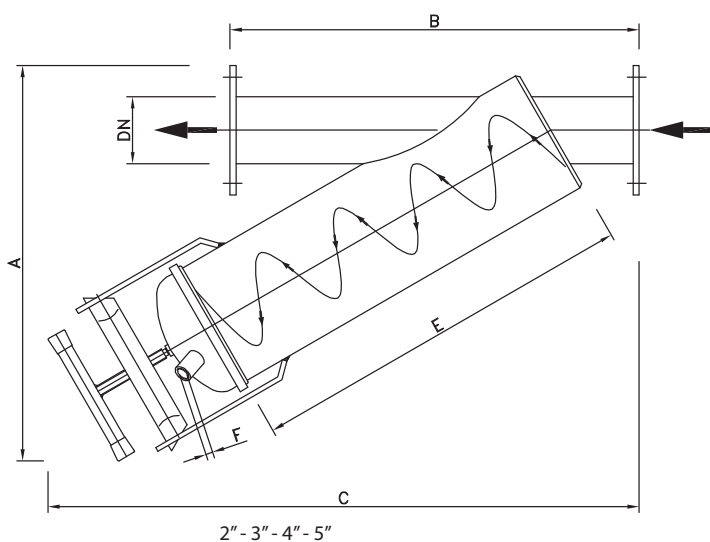
Maximum pressure: 10,0 bar

F3440 Metal Screen Filter with Continuous Circulation – Product specifications / Options

Inlet/outlet		Body	Connections	Flow Rate (m ³ /h)	Screens (micron)	Control
(inch)	(mm)					
2	50	In-Line	BSP	38	100, 130, 200	Manual
3	80	In-Line	BSTD, ISO-16	55	100, 130, 200	Manual
4	100	In-Line	BSTD, ISO-16	75	100, 130, 200	Manual
6	150	In-Line	BSTD, ISO-16	150	100, 130, 200	Manual

F3440 (Continuous) – Product Dimensions and Weights

Size (Inlet/Outlet)		B	D	A	H	Weight
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg)
2	50	488	450	693	377	14
3	80	583	495	837	502	21
4	100	672	695	1004	659	41
6	150	938	725	1003	895	66



Metal Filters | F3440

Flow Rate Based On Head Loss Chart. Head Loss 0,5 bar

Size (Inlet/Outlet) (inch)	PLUGS	10	11	12	13	14	15	16	17	
2	Flow Rate Q (m ³ /h)	27	22	19	15	12	9	6	3	
Size (Inlet/Outlet) (inch)	PLUGS	0	1	2	3	4	5	6	7	8
3	Flow Rate Q (m ³ /h)	53	51	49	47	43	40	37	34	30
Size (Inlet/Outlet) (inch)	PLUGS	0	1	2	3	4	5	6	7	8
4	Flow Rate Q (m ³ /h)	65	63	60	57	54	51	49	46	43
Size (Inlet/Outlet) (inch)	PLUGS	0	1	2	3	4	5	6	7	8
6	Flow Rate Q (m ³ /h)	122	107	104	100	98	95	92	90	87

Technical Data F3440 Metal Screen Filter with Continuous Circulation

Minimum working pressure:	1,0 bar
Maximum working pressure:	8,0 bar
Maximum pressure:	10,0 bar



F3440 Metal Screen Filter with Continuous Circulation (In-Line)

F3440 Metal Screen Filter - Continuous Circulation									22
Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Min. Qty.	Order Status	Item Number	Price €
		(inch)	(mm)						
F3440 Metal Screen Filter with Continuous Circulation	In-Line	2	50	BSP	100	1	Custom	101050954	460,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	2	50	BSP	130	1	Custom	101050955	460,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	3	80	ISO-16	100	1	Custom	101050956	545,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	3	80	ISO-16	130	1	Custom	101050957	545,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	4	100	ISO-16	100	1	Custom	101050958	770,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	4	100	ISO-16	130	1	Custom	101050959	770,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	6	150	ISO-16	100	1	Custom	101050962	1 340,00
F3440 Metal Screen Filter with Continuous Circulation	In-Line	6	150	ISO-16	130	1	Custom	101050963	1 340,00

Plastic Filters

Plastic Filters



Plastic Filters | Guide



F6100
Plastic Screen filter



F6400
Plastic Screen filter
(Semi-Automatic)



F7000
Plastic disc filter

The range

F6100	A down to business manual plastic screen filter
F6400	Less labour = happy farmer. Plastic screen filter with semi-automatic back-flush mechanism
F7000	Just what you need, dependable plastic disc filter

Plastic Filters quick reference guide

	F6100	F6400	F7000
Filtration Method	Polyamide/Stainless steel screen	Stainless steel screen	Disc element
Cleaning Mechanism	Manual	Semi-automatic suction nozzles	Manual
Configuration	In-line/angle	In-line	In-line/angle
Clogging Meter	Optional	Standard	Optional
Size	3/4" (20 mm), 1" (25 mm), 1½" (40 mm), 2" (50 mm), 3" (80 mm)	2" (50 mm), 3" (80 mm)	1" (25 mm), 1½" (40 mm), 2" (50 mm), 3" (80 mm)

A large tough screen to maximise the amount of time before cleaning.

Features

- F6100 Manual Screen Filter

- A large filtration screen
- The Screen of the F6100 Plastic Screen Filter has a molded plastic rib cage for superior strength and depending on size it is outfitted with either a twin layer stainless steel weave-wire or polyamide screen.
- Available in In-Line or Angled body styles, inlet/outlet sizes from 3/4"-3", and all filters feature a 1 1/4" Drainage outlet with a plug.
- The filters can be ordered with threaded or grooved connections and with one or two inlets.

Benefits

- A large filtration screen that increases the flow rate capacity and extends the time between flushing.
- Used as primary filters in small irrigation systems and as back-up filters in field zone applications.
- Both the design and materials used in the F6100 allow for easy maintenance and years of high performance.
- In addition, the 2"-3" filters feature a 1 1/4" drainage outlet with a plug and a stainless steel clamp for easy maintenance and can be equipped with an optional clogging meter.



When to use ?

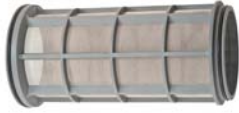
Great little back-up filters in-field. Alternatively, a great option as primary filtration for small irrigation systems.

2", 2" Long and 3" are available as in-line and angle option configurations, and come with a stainless steel clamp for easy maintenance.

How they operate

A classic screen filter. But take a look inside and you will see a large tough screen to maximise the amount of time before cleaning.

Plastic Filters | F6100

Product Information		
Screen Area:		
Size	Max. Operating Pressure	Filter Area
(inch)	(bar)	(cm ²)
3/4"	10	73
1"	10	113
1 1/2"	10	291
2"	8	560
2"	10	770
3"	8	770
2" L, 3"	10	1150
Screen Options/ Colors		
Rating	Color	
(micron)		
100	Orange	
130	Grey	
200	Yellow	

F6100 Plastic Screen Filter – Product Specifications/Options

Inlet/outlet		Body	Connections	Maximum Flow Rate	Screen Area	Screens	Screen Type	Operating Pressure
(inch)	(mm)			(m ³ /h)	(Sq, cm)	(micron)		(bar)
0,75	20	In-Line	BSP	5	73	100, 130	Polyamide	10
1,0	25	In-Line	BSP	6	113	100, 130, 200	Polyamide	10
1,5	40	In-Line	BSP	10	291	100, 130, 200	Polyamide	10
2,0	50	In-Line/ Angled	BSP	30, 40	556	100, 130, 200	Stainless steel	8
2,0	50	In-Line/ Angled	BSP	30, 40	770	100, 130, 200	Stainless steel	10
2,0 Long	50	In-Line/ Angled	BSP	48	1150	100, 130, 200	Stainless steel	10
3,0	80	In-Line/ Angled	BSP	60	1150	100, 130, 200	Stainless steel	10

Plastic Filters | F6100

Screen Filter 2" – 130 micron

Flow Rate (m ³ /h)	Head Loss (bar)
11	0,03
16	0,07
24	0,14
30	0,24
36	0,34
40	0,43

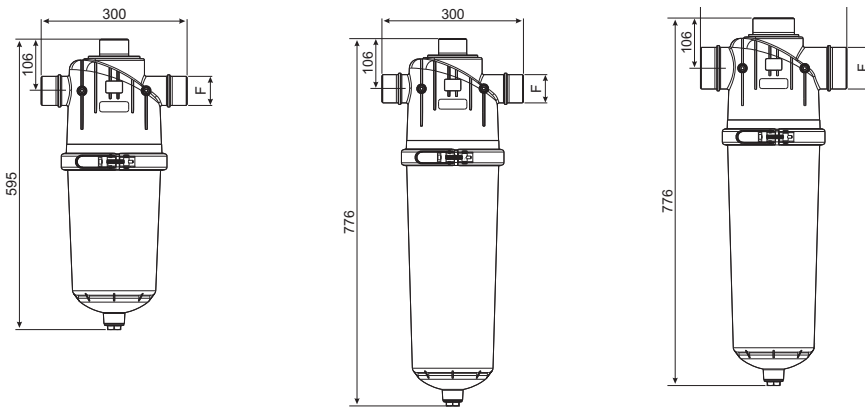
Screen Filter 2" L – 130 micron

Flow Rate (m ³ /h)	Head Loss (bar)
12	0,03
18	0,06
24	0,11
30	0,17
36	0,25
42	0,34
48	0,44

Screen Filter 3" – 130 micron

Flow Rate (m ³ /h)	Head Loss (bar)
15	0,02
24	0,04
29	0,05
36	0,09
40	0,11
53	0,19
57	0,22

F6100 – Dimensions



F6100 – 3/4"



F6100 – 1"



F6100 – 1 1/2"



F6100 – 2"



F6100 – 2" L, 3"

Plastic Filters | F6100

Purchasing Information F6100 Plastic Screen Filter	
Units per Carton:	
3/4"	40
1"	20
1 1/2"	12
2"- 3"	1



F6100 Plastic Screen Filter
In-Line/Angled, 2" Long



F6100 Plastic Screen Filter In-Line, 1 1/2"

F6100 Plastic Screen Filter - 8 bar											23
Description	Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Min. Qty	Order Statut	Item Number	Price €
			(inch)	(mm)							
F6100 Pl. Screen Filter - 8	8	In-Line/Angled	2	50	BSP	100	30	1	Standard	101045769	100,50
F6100 Pl. Screen Filter - 8	8	In-Line/Angled	2	50	BSP	130	30	1	Standard	101045770	100,50
F6100 Pl. Screen Filter - 8	8	In-Line/Angled	2	50	BSP	200	30	1	Standard	101045771	100,50
F6100 Pl. Screen Filter - 8	8	In-Line/Angled	3	75	BSP	100	40	1	Standard	WT13197	110,00
F6100 Pl. Screen Filter - 8	8	In-Line/Angled	3	75	BSP	130	40	1	Standard	WT13198	110,00
F6100 Pl. Screen Filter - 8	8	In-Line/Angled	3	75	BSP	200	40	1	Custom	WT13199	110,00
F6100 Pl. Screen Filter - 8	8	in-Line	3	75	VIC	100	40	1	Custom	WT13203	110,00
F6100 Pl. Screen Filter - 8	8	in-Line	3	75	VIC	130	40	1	Custom	WT13204	110,00
F6100 Pl. Screen Filter - 8	8	in-Line	3	75	VIC	200	40	1	Custom	WT13205	110,00

Plastic Filters | F6100

F6100 Plastic Screen Filter - 10 bar										23	
Description	Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Min. Qty	Order Statut	Item Number	Price €
	(bar)		(inch)	(mm)		(micron)	(m ³ /h)				(each)
F6100 Pl. Screen Filter	10	In-Line	3/4	19	BSP	100	5	1	Standard	101044244	7,25
F6100 Pl. Screen Filter	10	In-Line	3/4	19	BSP	130	5	1	Standard	101044245	7,25
F6100 Pl. Screen Filter	10	In-Line	3/4	19	BSP	200	5	1	Custom	101048710	7,25
F6100 Pl. Screen Filter	10	In-Line	1	25	BSP	100	6	1	Standard	101044248	7,55
F6100 Pl. Screen Filter	10	In-Line	1	25	BSP	130	6	1	Standard	101044249	7,55
F6100 Pl. Screen Filter	10	In-Line	1	25	BSP	200	6	1	Standard	101044250	7,55
F6100 Pl. Screen Filter	10	In-Line	1 ½	38	BSP	100	10	1	Standard	101044254	16,65
F6100 Pl. Screen Filter	10	In-Line	1 ½	38	BSP	130	10	1	Standard	101044255	16,65
F6100 Pl. Screen Filter	10	in-Line	1 ½	38	BSP	200	10	1	Standard	101044256	16,65
F6100 Pl. Screen Filter	10	In-Line/Angled	2	50	BSP	100	40	1	Standard	101044260	125,65
F6100 Pl. Screen Filter	10	In-Line/Angled	2	50	BSP	130	40	1	Standard	101044261	125,65
F6100 Pl. Screen Filter	10	In-Line/Angled	2	50	BSP	200	40	1	Standard	101044262	125,65
F6100 Pl. Screen Filter	10	in-Line	2	50	VIC	100	40	1	Custom	101044266	125,65
F6100 Pl. Screen Filter	10	in-Line	2	50	VIC	130	40	1	Custom	101044267	125,65
F6100 Pl. Screen Filter	10	in-Line	2	50	VIC	200	40	1	Custom	101044268	125,65
F6100 Pl. Screen Filter	10	In-Line/Angled	2 L	50	BSP	100	48	1	Standard	101044269	160,20
F6100 Pl. Screen Filter	10	In-Line/Angled	2L	50	BSP	130	48	1	Standard	101044270	160,20
F6100 Pl. Screen Filter	10	In-Line/Angled	2L	50	BSP	200	48	1	Standard	101044271	160,20
F6100 Pl. Screen Filter	10	in-Line	2L	50	VIC	100	48	1	Custom	101044275	160,20
F6100 Pl. Screen Filter	10	in-Line	2L	50	VIC	130	48	1	Custom	101044276	160,20
F6100 Pl. Screen Filter	10	in-Line	2L	50	VIC	200	48	1	Custom	101044277	160,20
F6100 Pl. Screen Filter	10	In-Line/Angled	3	75	BSP	100	60	1	Standard	101044278	160,20
F6100 Pl. Screen Filter	10	In-Line/Angled	3	75	BSP	130	60	1	Standard	101044279	160,20
F6100 Pl. Screen Filter	10	In-Line/Angled	3	75	BSP	200	60	1	Standard	101044280	160,20
F6100 Pl. Screen Filter	10	in-Line	3	75	VIC	100	60	1	Custom	101044284	160,20
F6100 Pl. Screen Filter	10	in-Line	3	75	VIC	130	60	1	Custom	101044285	160,20
F6100 Pl. Screen Filter	10	in-Line	3	75	VIC	200	60	1	Custom	101044286	160,20

Plastic Filters | F6400

A primary filter in a small irrigation system or as a back-up field zone filter.

Features

- F6400 Semi-Automatic Screen Filter

- Large Stainless steel (316 woven wire) screen.
- Clogging indicator comes standard with all F6400 filters.
- A pressure differential sensor (clogging indicator)
- A stainless steel clamp

Benefits

An ideal choice as a primary filter in a small irrigation system or as a back-up field zone filter.

A simple to operate flushing mechanism.

The large pressure differential sensor provides the user the ability to easily view the level of clogging or the pressure differential across the screen.

The large 316 stainless steel screen reduces maintenance and provides longer service times before flushing intervals.

The stainless steel clamp and the semi-auto flushing mechanism are both durable and easy to use.



When to use ?

Question: Would you rather 1. Open and clean a filter, or 2. Play golf?

If you answered 2, then the F6400 is exactly what you need.

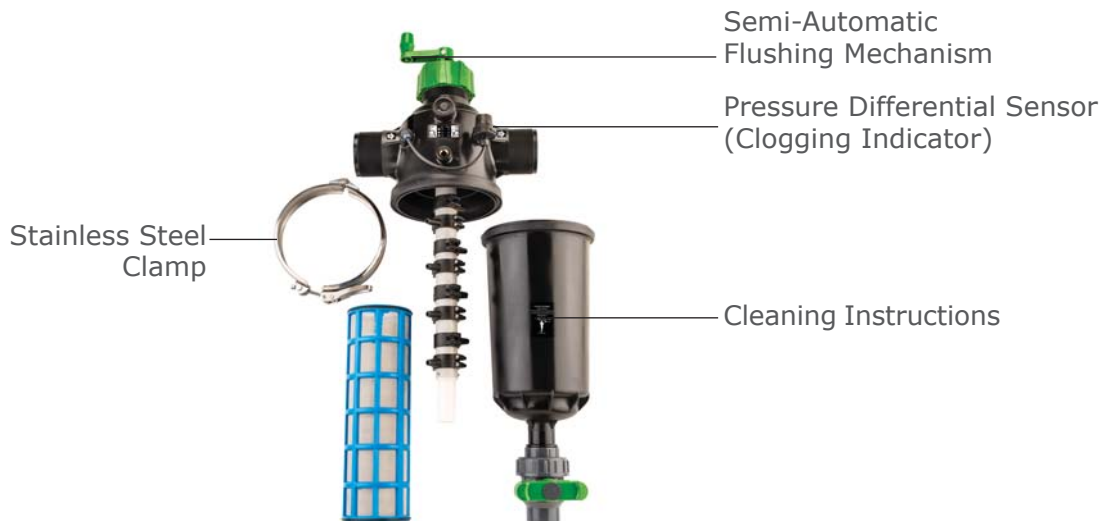
Use the F6400 as a back-up filter in-field or primary filter in small irrigation systems.

How they operate

As you leisurely drive by, you notice that the clogging indicator shows that the filter needs cleaning. Pulling over and wiping the sweat from your brow, you simply turn on the back-flush valve, turn the handle a few times, and then close the valve again. As you do this, suction nozzles rotate around your screen and expel all contaminants. Your filter is clean, your work is done, and you can drive on for a round of 9 holes.

Plastic Filters | F6400

Product Information		
Screen Area:		
Size	Max. Operating Pressure	Filter Area
(inch)	(bar)	(cm ²)
2"	10	554
3"	10	831
Screen Options/ Colors		
Rating	Color	
(micron)		
100	Yellow	
130	Red	
200	White	



F6400 Plastic Screen Filter (Semi-Automatic) – Product Specifications/Options

Diameter	Body type	Connectors	Max. Flow rate	Screen area	Screen choices	Screen type
(inch)			(m ³ /h)	(cm ²)	(micron)	
2	In-Line	BSP, NPT	25	554	100, 130, 200	Stainless steel (316 woven wire)
3	In-Line	BSP, NPT	40	831	100, 130, 200	Stainless steel (316 woven wire)

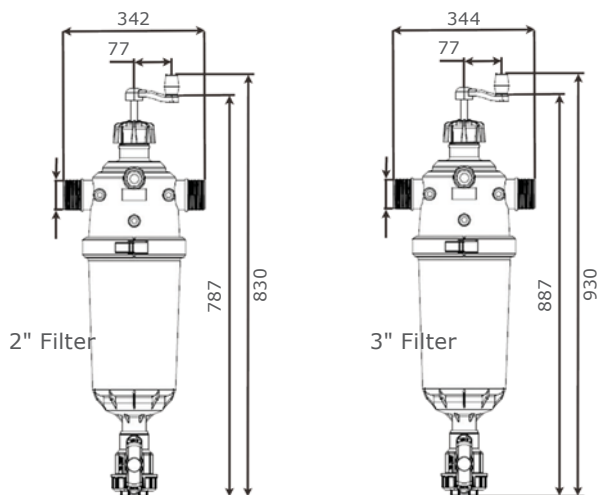
Head loss (bar)/Flow Rate (m³/h) - 2"

Flow Rate (m ³ /h)	Head Loss (bar)		
	200 Micron	130 Micron	100 Micron
10	0	0,04	0,06
15	0,02	0,09	0,12
20	0,05	0,14	0,17
25	0,09	0,20	0,23
30	0,14	0,26	0,29
35	0,21	0,32	0,36
40	0,28	0,39	0,44

Head loss (bar)/Flow Rate (m³/h) - 3"

Flow Rate (m ³ /h)	Head Loss (bar)		
	200 Micron	130 Micron	100 Micron
20	0	0,02	0,04
25	0,02	0,04	0,07
30	0,05	0,08	0,11
35	0,09	0,14	0,17
40	0,14	0,21	0,25
45	0,19	0,28	0,33
50	0,24	0,35	0,40

F6400 – Dimensions



Plastic Filters | F6400

Purchasing Information F6400 Plastic Screen Filter

Units per Carton:

2"	1
3"	1



F6400 Plastic Screen Filter

F6400 Plastic Screen Filter											23
Description	Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Min. Qty	Order Statut	Item Number	Price €
	(bar)		(inch)	(mm)		(micron)	(m ³ /h)				(each)
F6400 Plastic Screen Filter	10	In-Line	2"	50	BSP	100	25	1	Standard	101047720	200,00
F6400 Plastic Screen Filter	10	In-Line	2"	50	BSP	130	25	1	Standard	101047722	200,00
F6400 Plastic Screen Filter	10	In-Line	2"	50	BSP	200	25	1	Standard	101047723	200,00
F6400 Plastic Screen Filter	10	In-Line	3"	75	BSP	100	40	1	Standard	101047727	270,00
F6400 Plastic Screen Filter	10	In-Line	3"	75	BSP	130	40	1	Standard	101047728	270,00
F6400 Plastic Screen Filter	10	In-Line	3"	75	BSP	200	40	1	Standard	101047729	270,00

Bank filters together for greater flow capacity

Features

- F7000 Manual Disc Filter

- Nylon body, reinforced with fiberglass
- Equipped with filtration elements stacked with polypropylene discs
- Available in several filtration rates and connection types, including both threaded and grooved.
- The 2" and 3" filters utilize a user-friendly, stainless steel clamp for easy maintenance

Benefits

The F7000 Plastic Disc Filter is used as a primary filter for small irrigation systems and as a back-up filter for field zones.

This filter can stop or retain large amount of solids from the water due to the depth feature of the disc element and the size of element.

In addition, the filters utilize a flow deflecting plate that circulates water inside the filter and forces particles away from the disc elements and down to the bottom of the filter ready to be flushed out. All of these features contribute to improve filter efficiency and increase time between flushing. And because the F7000 Plastic Disc Filters can be flushed without tools, the filters are easy to maintain and operate for years.



When to use ?

No one likes algae, especially your irrigation system.

The F7000 disc filter provides great defence for your irrigation system and is ideal for situations where you have high organic matter.

How they operate

Water passes through stacked polypropylene discs. Each of these discs is especially designed to filter at either 130 or 200 micron.

Plastic Filters | F7000

Product Information		
Screen Area:		
Size	Max. Operating Pressure	Filter Area
(inch)	(bar)	(cm ²)
1"	10	204
1 1/2"	8	281
2"	10	925
2"	10	1360
2" L, 3"	10	2090
Disc Options/ Colors		
Rating (micron)	Color	
100	Orange	
130	Red	
200	Yellow	



F7000 Plastic Disc Filter – Product Specifications/Options

Diameter	Body	Connector	Maximum Flow Rate	Filtration Area	Disc
(inch)			(m ³ /h)	(cm ²)	(micron)
1,0	In-line	BSP	6	204	130
1½	In-line	BSP	10	281	130
2,0	In-line/Angled	BSP	30	1360	100, 130, 200
2,0 Long	In-line/Angled	BSP, VIC	40	2090	100, 130, 200
3,0	In-line/Angled	BSP, VIC	50	2090	100, 130, 200

Note: VIC is available with in-line option only

Plastic Filters | F7000

Disc Filter 2" – 130 micron

Flow Rate (m ³ /h)	Head Loss (bar)
12	0,06
18	0,14
25	0,24
31	0,38
34	0,43
37	0,50
40	0,55

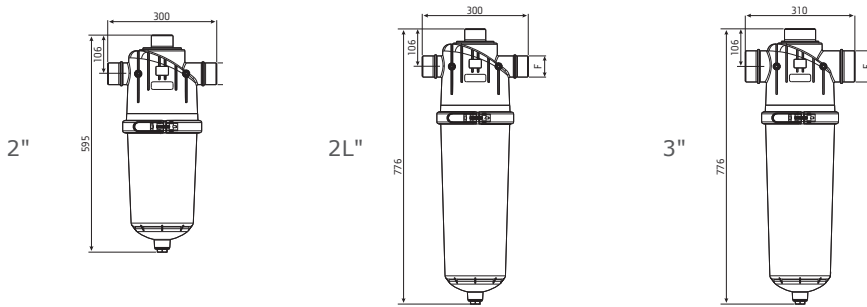
Disc Filter 2" L – 130 micron

Flow Rate (m ³ /h)	Head Loss (bar)
12	0,05
18	0,10
24	0,17
30	0,24
36	0,31
42	0,40
48	0,51

Disc Filter 3" – 130 micron

Flow Rate (m ³ /h)	Head Loss (bar)
12	0,03
19	0,05
24	0,08
33	0,16
40	0,22
47	0,31
55	0,43

F7000 Plastic Disc Filter – Dimensions



F7000 – 1"

F7000 – 1½"

F7000 – 2"

F7000 – 2" Long

F7000 – 3"

Plastic Filters | F7000

Purchasing Information F7000 Plastic Disc Filter

Units per Carton:

1"	20
1 1/2"	12
2"-3"	1



F7000 Plastic Disc Filter - In-Line/Angled, 2"

F7000 Plastic Disc Filter - 8 Bar

23

Description	Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Min. Qty.	Order Status	Item Number	Price €
	(bar)		(inch)	(mm)		(micron)	(m ³ /h)				(each)
F7000 Plastic Disc Filter	8	In-Line	1 1/2	38	BSP	130	14	1	Standard	101044301	28,25
F7000 Plastic Disc Filter	8	In-Line/Angled	2	50	BSP	100	30	1	Standard	101045778	113,05
F7000 Plastic Disc Filter	8	In-Line/Angled	2	50	BSP	130	30	1	Standard	101045779	113,05
F7000 Plastic Disc Filter	8	In-Line/Angled	2	50	BSP	200	30	1	Standard	101045780	113,05
F7000 Plastic Disc Filter	8	In-Line/Angled	2	50	NPT	100	30	1	Custom	101045781	113,05
F7000 Plastic Disc Filter	8	In-Line/Angled	2	50	NPT	130	30	1	Custom	101045782	113,05
F7000 Plastic Disc Filter	8	In-Line/Angled	2	50	NPT	200	30	1	Custom	101045783	113,05
F7000 Plastic Disc Filter	8	In-Line	2	50	VIC	100	30	1	Custom	101045784	113,05
F7000 Plastic Disc Filter	8	In-Line	2	50	VIC	130	30	1	Custom	101045785	113,05
F7000 Plastic Disc Filter	8	In-Line	2	50	VIC	200	30	1	Custom	101045786	113,05
F7000 Plastic Disc Filter	8	In-Line/Angled	3	75	BSP	100	50	1	Standard	WT13206	122,50
F7000 Plastic Disc Filter	8	In-Line/Angled	3	75	BSP	130	50	1	Standard	WT13207	122,50
F7000 Plastic Disc Filter	8	In-Line/Angled	3	75	BSP	200	50	1	Standard	WT13208	122,50
F7000 Plastic Disc Filter	8	In-Line	3	75	VIC	100	50	1	Custom	WT13212	122,50
F7000 Plastic Disc Filter	8	In-Line	3	75	VIC	130	50	1	Custom	WT13213	122,50
F7000 Plastic Disc Filter	8	In-Line	3	75	VIC	200	50	1	Custom	WT13214	122,50

Plastic Filters | F7000

F7000 Plastic Disc Filter - 10 Bar										23	
Description	Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Min. Qty.	Order Status	Item Number	Price €
	(bar)		(inch)	(mm)		(micron)	(m ³ /h)				(each)
F7000 Plastic Disc Filter	10	In-Line	1	25	BSP	130	5,5	1	Standard	101044299	14,90
F7000 Plastic Disc Filter	10	In-Line/Angled	2	50	BSP	100	40	1	Standard	101044303	138,20
F7000 Plastic Disc Filter	10	In-Line/Angled	2	50	BSP	130	40	1	Standard	101044304	138,20
F7000 Plastic Disc Filter	10	In-Line/Angled	2	50	BSP	200	40	1	Standard	101044305	138,20
F7000 Plastic Disc Filter	10	In-Line	2	50	VIC	100	40	1	Custom	101044309	138,20
F7000 Plastic Disc Filter	10	In-Line/Angled	2	50	VIC	130	40	1	Custom	101044310	138,20
F7000 Plastic Disc Filter	10	In-Line	2	50	VIC	200	40	1	Custom	101044311	138,20
F7000 Plastic Disc Filter	10	In-Line/Angled	2L	50	BSP	100	48	1	Standard	101044312	182,15
F7000 Plastic Disc Filter	10	In-Line/Angled	2 L	50	BSP	130	48	1	Standard	101044313	182,15
F7000 Plastic Disc Filter	10	In-Line/Angled	2L	50	BSP	200	48	1	Standard	101044314	182,15
F7000 Plastic Disc Filter	10	In-Line	2L	50	VIC	100	48	1	Custom	101044318	182,15
F7000 Plastic Disc Filter	10	In-Line	2L	50	VIC	130	48	1	Custom	101044319	182,15
F7000 Plastic Disc Filter	10	In-Line	2L	50	VIC	200	48	1	Custom	101044320	182,15
F7000 Plastic Disc Filter	10	In-Line/Angled	3	75	BSP	100	60	1	Standard	101044321	182,15
F7000 Plastic Disc Filter	10	In-Line/Angled	3	75	BSP	130	60	1	Standard	101044322	182,15
F7000 Plastic Disc Filter	10	In-Line/Angled	3	75	BSP	200	60	1	Standard	101044323	182,15
F7000 Plastic Disc Filter	10	In-Line	3	75	VIC	100	60	1	Custom	101044327	182,15
F7000 Plastic Disc Filter	10	In-Line/Angled	3	75	VIC	130	60	1	Custom	101044328	182,15
F7000 Plastic Disc Filter	10	In-Line	3	75	VIC	200	60	1	Custom	101044329	182,15

Fertigation Equipment

Fertigation Equipment



Fertigation Equipment | Fertilizer Tanks

Fertigation Equipement | Fertilizer Tanks

The highest standards of quality and finish.

Features

- designed and manufactured to achieve the highest standards of quality and finish.
- Fertilizer Tanks equipped with inlet/outlet high pressure hose, quick connections, and air valve.
- Inner and outer layer coated to resist corrosion by fertilizers

Benefits

This fertilizer tanks apply fertilizer in accordance with the quantitative principle. Fertilizing can be performed continuously during irrigation, controlled by controller or computer as required, or may be manually operated.

Irrigation with fertilizer is generally recommended during the first two thirds of irrigation time, to ensure proper flushing of the irrigation system and to minimize the emitters' clogging by the chemicals residues.



Rivulis Fertilizer Tank – Fertilizing Times

Body	Capacity	@ 0,05 bar Pressure Loss	@ 0,1 bar Pressure Loss	@ 0,2 bar Pressure Loss	@ 0,4 bar Pressure Loss
	(L)	(hours)	(hours)	(hours)	(hours)
Vertical	60	1,0-1,25	0,75-1,0	0,50-0,75	0,33-0,50
	90	1,75-2,0	1,25-1,50	0,75-1,0	0,50-0,75
	120	2,0-2,50	1,50-2,0	1,0-1,50	0,75-1,0
Horizontal	120	2,0-2,50	1,50-2,0	1,0-1,50	0,75-1,25
	220	3,75-4,50	2,50-2,75	1,75-2,25	1,25-1,50
	300	5,50-6,50	3,75-4,50	2,75-3,25	1,50-1,75
	500	9,50-10,50	6,75-7,50	5,0-5,25	3,0-3,75

Fertigation Equipment | Fertilizer Tanks

Product Information

Description

Fertilizer Tanks equipped with inlet/outlet high pressure hose, quick connections, and air valve.

Rivulis Fertilizer Tank – Product Specifications/Options

Body	Capacity	Tank Height	Outlet Height	Length	Weight
	(L)	(mm)	(mm)	(mm)	(kg)
Vertical	60	390	800	—	31
	90	480	800	—	38
	120	480	950	—	44
Horizontal	120	480	750	700	45
	220	480	750	1100	59
	300	610	860	1000	75
	500	750	1110	1300	130

Fertilizer Tanks

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Description	Body Style	Inlet/Outlet Size		Tank Volume (l)	Min. Qty.	Order Status	Item Number	Price € (each)
		(inch)	(mm)					
Fertilizer Tank	Vertical	8	200	60	1	Custom	101043968	340,00
Fertilizer Tank	Vertical	8	200	90	1	Custom	101043969	405,00
Fertilizer Tank	Vertical	8	200	120	1	Custom	101043967	415,00
Fertilizer Tank	Horizontal	8	200	120	1	Custom	101043963	425,00
Fertilizer Tank	Horizontal	8	200	220	1	Custom	101043964	480,00
Fertilizer Tank	Horizontal	8	200	300	1	Custom	101043965	720,00
Fertilizer Tank	Horizontal	8	200	500	1	Custom	101043966	1 160,00

Fertigation Equipment | Venturi

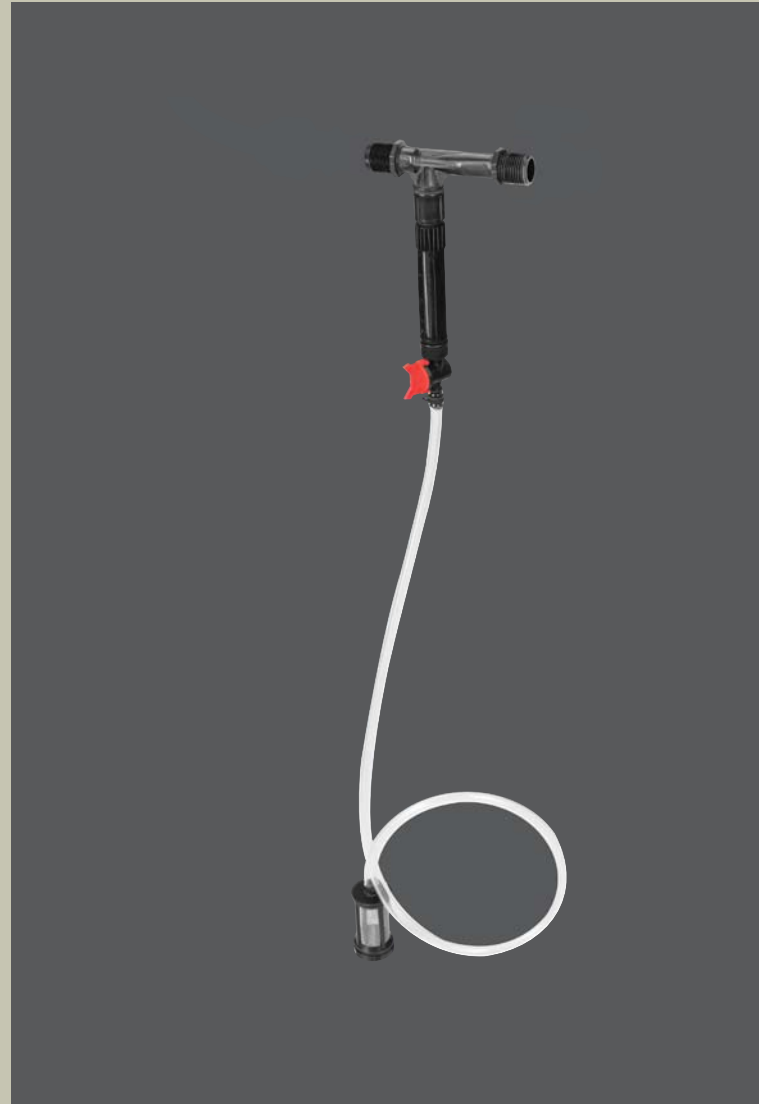
Your best ally for precision fertigation of your crops

Features

Can be used with a large variety of chemicals
In-built check valve for protecting the injected liquid against back flow
All Ventury are also available with full assembly
With Rotameter, one can measure/read accurate suction of fertilizer injection rate. Rotameter is available in all sizes.

Benefits

Controlled/adjustable suction of fertilizers for highly precise and safe application on crop demand
Delivers plant nutrients directly into the wetted zone (where root development is intensive)
Saves energy (mecanical spreading of fertilizers) & manpower



Fertigation Equipement | Venturi

Available models:

RV 112RS - 3/4", BSP

RV 113RS - 1", BSP

RV 114RS - 1 1/2", BSP

RV 115RS - 2", BSP



Venturi Injector - Product Selection Guide

Model	Size in/out (inch)	Efficiency (P) required to Initiate suction (%)	Motive flow through injector @ 2,5kg/cm2 (l/h)	Injection Capacity (l/h)
112	3/4	30	1525	40
113	1	25	4645	78
114	1 ^{1/2}	25	7425	320
115 Low Flow	2	25	7345	330
115 High Flow	2	20	20100	450

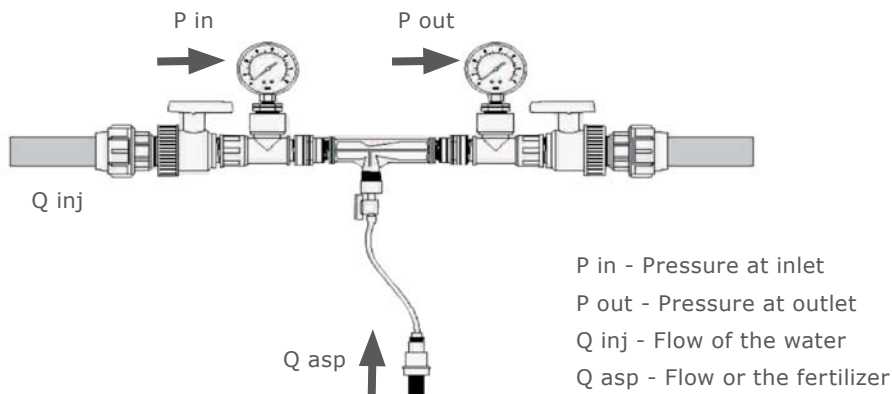
Venturi Injector

21

Description	Diameter (inch)	Pump Type	Min. Qty.	Order Status	Item Number	Price € (each)
Venturi Injector 3/4" AQ-112 PP + Adaptor	3/4"	AQ-112	1	Standard	101048467	21,00
Venturi Injector 3/4" AQ-112R PP + Adaptor + Rotameter + Valve	3/4"	AQ-112R	1	Standard	101047930	28,00
Venturi Injector 1" AQ-113 PP + Adaptor	1"	AQ-113	1	Standard	101048469	35,00
Venturi Injector 1" AQ-113R PP + Adaptor + Rotameter + Valve	1"	AQ-113R	1	Standard	101048459	42,00
Venturi Injector 1 ^{1/2} " AQ-114 PP + Adaptor	1 ^{1/2} "	AQ-114	1	Standard	101048461	56,00
Venturi Injector 1 ^{1/2} " AQ-114R PP + Adaptor + Rotameter + Valve	1 ^{1/2} "	AQ-114R	1	Standard	101048460	73,50
Venturi Injector 2" AQ-115 PP + Adaptor	2"	AQ-115	1	Standard	101048462	77,00
Venturi Injector 2" AQ-115R PP + Adaptor + Rotameter + Valve	2"	AQ-115R	1	Standard	101047931	94,50

Venturi Injector - Performance Data

Pressure		3/4" Injector		1" Injector		1 1/2" Injector		2" Injector Low Flow		2" Injector High Flow	
P. In	P. Out	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp	Q inj	Q asp
Inlet Pressure	Outlet pressure	Motive Flow	Water Suction	Motive Flow	Water Suction	Motive Flow	Water Suction	Motive Flow	Water Suction	Motive Flow	Water Suction
(kg/cm ²)	(kg/cm ²)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)	(l/h)
2	1	1300	170	4290	219	6590	720	8550	827	18900	1500
	1,25		120		162		515		700		1020
	1,5		40		29		215		552		600
2.5	1	1450	200	4645	292	7425	805	9480	840	20100	1580
	1,5		150		152		595		816		1080
	1,75		80		78		370		509		720
3	1,5	1600	200	5065	256	8160	795	10320	819	22500	1620
	2		150		116		500		674		840
	2,25		60		48		280		416		520
3.5	2	1700	190	5370	216	8810	760	11090	854	24300	1580
	2,5		100		81		350		594		860
	2,75		40		16		180		320		450
4	2	1800	200	5720	290	9420	800	11870	839	25800	1500
	2,5		160		179		670		839		1020
	2,75		120		118		490		706		840
	3		50		56		260		517		580



Valves

Valves



Valves | Air Valves

The range

Vacuum breakers	Discharge large amounts of air at system start-up and re-admit air during shut down
Continuous / automatic air valves	Release air during system operation while under pressure, helping keep air out of your pipes
Combination air valves	When the powers of vacuum breakers and automatic air valves combine, you get the combination air valve. Best of both in one

How to use:

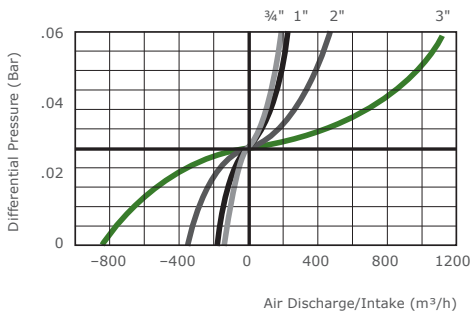
Throughout your irrigation system to keep it performing well. Will also help prevent your system blowing up or imploding (both not very good things)

Category	Air & Vacuum Release Valve	Continuous Air Valve	Combination Air Valves
Sizes	¾", 1", 2", 3"	½", ¾", 1"	½", ¾", 1", and 2"
Application	Discharges air during the system start up and introduces air during shutdown to prevent pipes and tubes from collapsing.	Releases air during system operation under pressure, helping to reduce head loss and decrease flow from trapped air in water.	Provides air and vacuum release during system startup and shutdown, and continuous air release during system operation.
Location	On the downstream side of an isolating valve and on sub mains. On main lines where design specifies an air release/vacuum breaker. On fertigation check valves.	On long continuous lines every 150-250 meters. On all gentle peaks in the line where there is no problem of vacuum conditions. On pump filter where air release is needed.	On long constant sloping pipeline segments. At peaks along the pipeline and at peaks relative to hydraulic gradient. At the end of the lines. Before water meters. On strainers and filters.

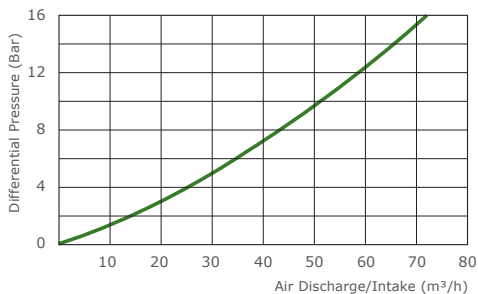
Application Table

Location in System	Air & Vacuum Release Valves	Continuous Air Valves	Combination Air Valves
Source			
Pump stations	✓	✓	✓
Upstream of pump check valves			✓
On filter inlet manifolds	✓		✓
On filter backflush manifolds	✓		✓
System Head			
At all high points		✓	✓
Before water meters		✓	✓
Distribution Network			
At all high points		✓	✓
Every 500 m			✓
At the top of downhill sloping pipes	✓		
At the end of long distribution pipes			✓
Upstream of on/off-field control valves			✓
Downstream of on/off-field control valves	✓		

Air & Vacuum Release Valve – 3/4", 1", 2", 3" Models

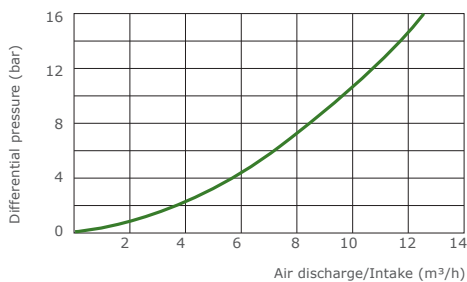


Continuous Air Valve – 1/2", 3/4", 1" Models

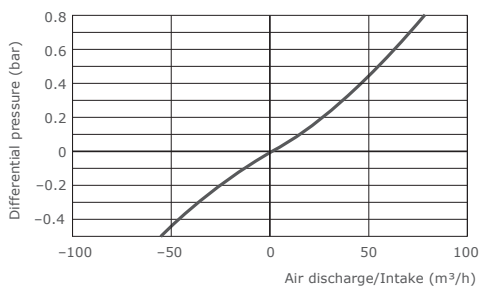


Combination Air Valve – 1/2", 3/4", 1" Models

Continuous Air Valve Air Discharge

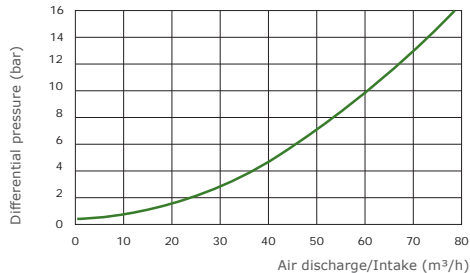


Air & Vacuum Release Air Discharge

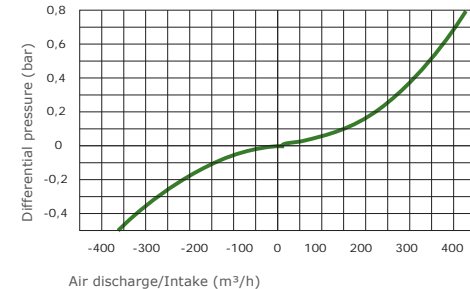


Combination Air Valve – 2" Models

Continuous Air Valve Air Discharge



Air & Vacuum Release Air Discharge



1. Air & Vacuum Release 3/4" - 1"



2. Air & Vacuum Release 2"



3. Continuous Air Valve 3/4"



4. Combination Air Valve 1/2"

Valves | Air Valves

Technical Data Air Valves	
Minimum Pressure:	
Air & Vacuum Release Valve	0,20 bar
Continuous and Combination Valves	0,10 bar
Maximum Pressure:	10 bar

Air Valves								27
Image	Description	Size	Connection Type		Min. Qty.	Order Status	Item Number	Price €
								(each)
	Air & Vacuum Release	3/4	BSP	Male	1	Custom	101045527	15,00
1	Air & Vacuum Release	1	BSP	Male	1	Standard	101045529	16,00
2	Air & Vacuum Release	2	BSP	Female	1	Custom	101045531	29,00
	Air & Vacuum Release	3	BSP	Female	1	Custom	101045533	65,00
	Continuous Air Valve	1/2	BSP	Male	1	Custom	WT12508	45,00
3	Continuous Air Valve	3/4	BSP	Male	1	Custom	WT12510	45,00
3	Continuous Air Valve	1	BSP	Male	1	Custom	WT12512	45,00
4	Combination Air Valve	1/2	BSP	Male	1	Custom	WT12514	73,00
	Combination Air Valve	3/4	BSP	Male	1	Custom	WT12516	73,00
	Combination Air Valve	1	BSP	Male	1	Standard	WT12518	73,00
	Combination Air Valve	2	BSP	Female	1	Standard	WT12520	75,00

Valves | Hydraulic Control Valves

The Rivulis Irrigation V1000, V2000, and V3000 Hydraulic Control Valves lines are designed to provide solutions for the multiple applications in your irrigation system, including simple control (on/off), pressure reducing, pressure reducing and sustaining, and quick relief. The valve operates by responding to pressure and flow changes with a diaphragm piston assembly. The body designs have been optimized to maximize flow capacity, reduce pressure loss, and resist cavitation.

The Hydraulic Control Valves are offered with a wide range of options including size, end connections (threaded, flanged, or grooved), actuation method (electric, hydraulic), and pilots. Accessories and parts can be ordered to build customized valves.



How to use

We have a valve for almost any application. Basic, manual operation, pressure reducing, pressure sustaining, pressure reducing & sustaining, back-flush, electric activation, plastic, metal, quick relief...

Use with

Need a pilot, solenoid, bit of hose? Our Valve Accessories section has everything you need

Valves | Hydraulic Control Valves Guide

Control Valve Data




Body Material	PN Rating	Flow Pattern	Connection Type	Size Range
Metal	16	Straight	BSP	1-1/2"-3"
			Flange	3"-12"
		Right Angle	BSP	2"-3"
			Flange	3"-4"
Plastic	10	Straight	BSP	1-1/2"-3"
			Flange	3"-6"
		Right Angle	BSP	3"
			Flange	3"-4"

Other Configurations available on Request



Valves | Hydraulic Control Valves Guide

Hydraulic Control Valves quick reference guide

		
V1000 Hydraulic Control Valve	V2000 Hydraulic Control Valve	V3000 Hydraulic Control Valve
Product Information	Product Information	Product Information
Glass-filled nylon construction, full bore seat.	Body, cover and piston assembly: Glass-filled nylon. Diaphragm: NR, Nylon fabric reinforced, Seals: NR"	Metal construction. Solid one-piece diaphragm piston assembly
Actuation: Manual / Electric	Actuation: Manual/ Electric / Hydraulic	Actuation: Manual/Electric / Hydraulic
Manual throttling	Spring: stainless steel	
Sizes: In-Line: 1"- 1½"- 2", Angled: 2"	Sizes: 2"L – 6" (In-Line)	Sizes: In-Line: 2" – 10", Angled: 2"(BSP), 3"(BSP), 4" (ISO-16)
Tubing and fittings: plastic	Tubing and fittings: plastic	Tubing and fittings: plastic (2"-8"), metal (6"-8")
Pre-set pressure: 3-way - 2,5 bar	Pre-set pressure: 2/3- Way - 0,8 bar, 3-way - 2,5 bar	Pre-set pressure: PR - 2,5 bar PR/PS - 4,0/2,0 bar, QR - 6,0 bar
2-Way Internal or 3-Way External Controls	Manual throttling in valves up to 3"	
End Connectors : Threaded (BSP)	End connections: Accessories	End connections: Threaded, grooved, flanged
Operating Guidelines	Operating Guidelines	Operating Guidelines
Maximum Pressure Rating: 10 bar	Maximum Pressure Rating: 10 bar	Maximum Pressure Rating: 10 bar *
Operating Pressure Range: 0,7-10 bar	Operating Pressure Range: 0,3-10 bar	Operating Pressure Range: 0,5-10 bar*
		*16 bar - 6" and larger
Applications	Applications	Applications
Control flow in small agricultural blocks	Controls medium to large agricultural blocks	Irrigation system head control
Greenhouse and tunnel irrigation systems	Control pressures for filters and pumps	Field valve application
Residential and commercial landscape	Quick relief valve for system protection	Quick relief valve for system protection
		High pressure, High flow rates

Hydraulic Control Valves | V1000

The economical choice for small scale irrigation systems

Features

Glass-filled Nylon Construction
Manual/Electric
Manual Throttling
2-Way internal or 3-Way external
Full bore seat

Benefits

- All the V1000 Control Valves are designed with a manual throttling knob to provide extra flexibility to control pressure and flow.
- The V1000 Control Valve body cover and diaphragm piston assembly are constructed of glass-filled nylon to meet rough conditions.
- The valve body design includes a full-bore seat with unobstructed flow path, providing low head loss in high flow conditions.
- The electric valve control circuit is internal (2-way circuit) providing some significant benefits such as no external tubes or accessories.



When to use ?

- The V1000 Control Valve can be used to control blocks with flows up to 25 cubic meters per hour. the economical choice for residential, commercial, and small agricultural irrigation systems

Hydraulic Control Valves | V1000

Product Information
Manual/Electric
Manual Throttling
Glass-filled Nylon Construction
Full bore seat
2-Way internal or 3-Way external



V1000 Hydraulic Control Valve In-Line

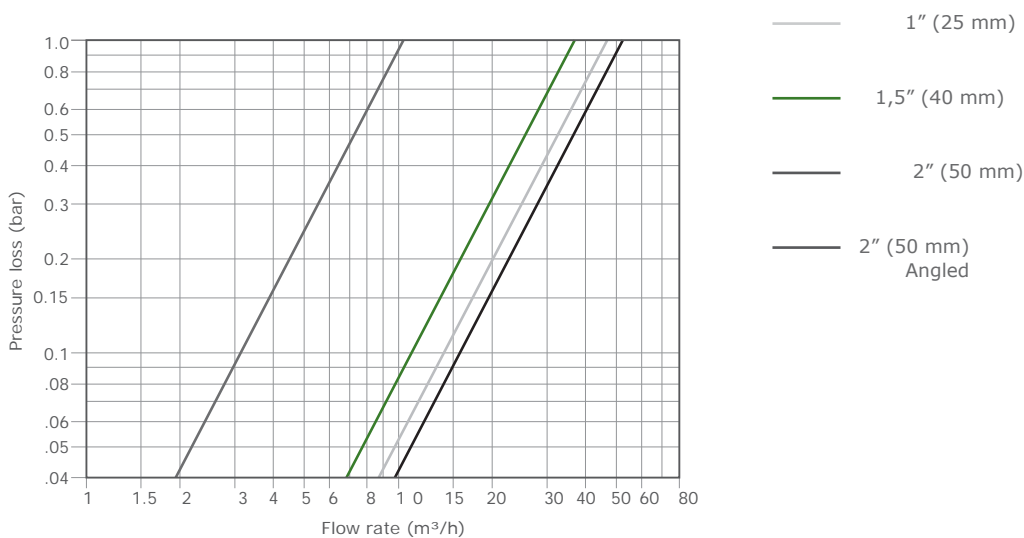


V1000 Hydraulic Control Valve Angle

V1000 Hydraulic Control Valves – Configuration Options

Valve Function	Actuation					Pilot	
	Manual	24v AC	9v DC	Hydraulic	Throttling	Low Pressure (2/3- Way)	Medium Pressure (3- Way)
On/Off	●	●	●		●		●
Pressure Reducing	●	●	●		●		●
Quick Relief							

V1000 Hydraulic Control Valves – Flow Chart



V1000 Hydraulic Control Valves – Dimensions and Weights

p	1" In-Line (25 mm)	1½" In-Line (40 mm)	2" In-Line (50 mm)	2" Angle (50 mm)
	(mm)	(mm)	(mm)	(mm)
L	110	160	170	85
H	115	180	190	210
R	22	35	38	60
W	78	125	125	125
Weight (kg)	0,35	1,00	1,10	0,91

In-line



Angle



Hydraulic Control Valves | V1000

V1000 Hydraulic Control Valve - Body										27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
										(each)
V1000	Body	1	In-Line	3W		BSP	1	Custom	WT12191	18,45
V1000	Body	1½	In-Line	3W		BSP	1	Custom	WT12195	50,20
V1000	Body	2	Angle	3W		BSP	1	Custom	WT12197	57,40
V1000	Body	2	In-Line	3W		BSP	1	Custom	WT12193	57,40



V1000 - Manual, Angle



V1000 - Manual, In-Line



V1000 - Electric, In-Line

V1000 Hydraulic Control Valves - Manual										27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
										(each)
V1000	Manual	1	In-Line	3W	Manual Selector	BSP	1	Custom	WT12199	33,80
V1000	Manual	1½	In-Line	3W	Manual Selector	BSP	1	Custom	WT12203	63,55
V1000	Manual	2	Angle	3W	Manual Selector	BSP	1	Custom	WT12201	73,80
V1000	Manual	2	In-Line	3W	Manual Selector	BSP	1	Custom	WT12205	73,80

Hydraulic Control Valves | V1000

V1000 Hydraulic Control Valves - On/Off Electric											27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €	
										(each)	
V1000	Electric	1	In-Line	2W	Solenoid - 24V AC	BSP	1	Standard	WT12206	24,60	
V1000	Electric	1½	In-Line	2W	Solenoid - 24V AC	BSP	1	Standard	WT12208	60,45	
V1000	Electric	2	Angle	2W	Solenoid - 24V AC	BSP	1	Custom	WT12212	66,65	
V1000	Electric	2	In-Line	2W	Solenoid - 24V AC	BSP	1	Standard	WT12210	66,65	
V1000	Electric, Latch	1	In-Line	2W	9VDC Latch- 2 Leads	BSP	1	Custom	WT12214	32,80	
V1000	Electric, Latch	1½	In-Line	2W	9VDC Latch- 2 Leads	BSP	1	Custom	WT12216	72,75	
V1000	Electric, Latch	2	Angle	2W	9VDC Latch- 2 Leads	BSP	1	Custom	WT12220	82,00	
V1000	Electric, Latch	2	In-Line	2W	9VDC Latch- 2 Leads	BSP	1	Custom	WT12218	82,00	

V1000 Hydraulic Control Valves - Pressure Reducing (Manual)											27
Line	Description	Size	Body	Control Circuit	Spring Rating	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
					(bar)						(each)
V1000	Pressure Reducing, Manual	1½	In-Line	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12223	123,00
V1000	Pressure Reducing, Manual	2	Angle	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12227	141,45
V1000	Pressure Reducing, Manual	2	In-Line	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12225	141,45

V1000 Hydraulic Control Valves - Pressure Reducing (RP-électric)											27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €	
										(each)	
V1000	Pressure Reducing, Electric, NC	1½	In-Line	3W	Solenoid - 24V AC	BSP	1	Custom	WT12229	146,55	
V1000	Pressure Reducing, Electric, NC	2	In-Line	3W	Solenoid - 24V AC	BSP	1	Custom	WT12231	164,00	
V1000	Pressure Reducing, Electric, NC	2	Angle	3W	Solenoid - 24V AC	BSP	1	Custom	WT12233	164,00	

*Manual override switch included with electric valves
 Note: All Pilots are plastic and are normally closed.

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

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Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Hydraulic Control Valves | V2000

Designed to meet the needs of multiple applications in your irrigation system

Features

Nyglass construction
Straight-thru flow design
Wide operating range
Various end connections
Electric / Hydraulic / Manual
Manual throttling up to 3 inch
Manual override switch included with electric valves.

Benefits

- The valve operates by responding to pressure and flow changes with a diaphragm piston assembly.
- The body design has been optimized to maximize flow capacity, reduce pressure loss, and resist cavitation.
- The V2000 will be the primary choice for agricultural irrigation applications requiring high flows at low pressures and low flows at high
- Because the valves are made with glass-filled nylon, they resist damage from chemicals and have long term durability.
- The V2000 Hydraulic Control Valve line is offered with a wide range of options including size, end connections (threaded, flanged, PVC glued, or grooved), actuation method (electric, hydraulic), and pilots and springs.



When to use ?

The Rivulis V2000 Hydraulic Control Valves are designed to meet the needs of multiple applications in your irrigation system, including simple control (on/off), pressure reducing, and quick relief.

Use with

Accessories and parts can be ordered to build customized valves.

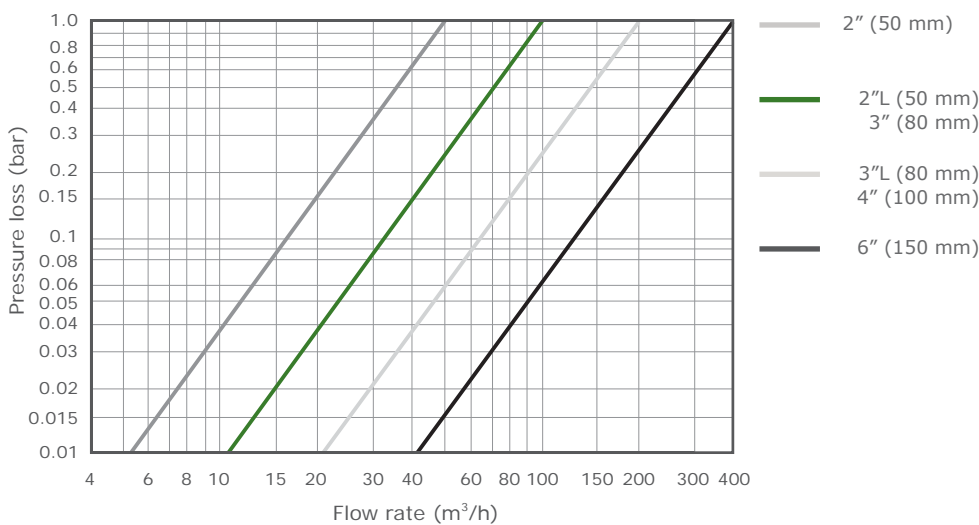
Hydraulic Control Valves | V2000

Product Information
Straight-thru flow design
Wide operating range
Various end connections
Nyglass construction
Electric / Hydraulic / Manual
Manual throttling up to 3 inch
Manual override switch included with electric valves.

Valve Configuration Options - V2000 Hydraulic Control Valve

Valve Function	Actuation					Pilot			Control Circuit		
	Manual	24v AC	12v DC	Hydraulic	Throttling	Low Pressure	Medium Pressure	High Pressure	2-Way	3-Way	2/3-Way
On/Off	●	●	●	●	●				●	●	
Pressure Reducing	●	●	●	●	●	●	●			●	●
Quick Relief								●	●		

V2000 Hydraulic Control Valves – Flow Chart



V2000 Hydraulic Control Valve – Dimensions and Weights

Dimension	2" Thread (50 mm)	2" L Thread (50 mm) L	3" Thread (80 mm)	3" Flange (80 mm)	3" L Thread (80 mm) L	3" L Flange (80 mm) L	4" Flange (100 mm)	6" Flange (150 mm)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
L	230	298	298	308	298	310	350	480
H	185	195	195	255	240	280	290	285
R	40	50	50	100	60	100	112	145
W	135	135	135	200	190	200	224	385
Weight (kg)	1,35	1,6	1,6	2,5	3,0	4,0	4,9	12,5



Hydraulic Control Valves | V2000

V2000 Hydraulic Control Valve - Body									27
Line	Description	Size	Body	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
									(each)
V2000	Body	2 L	In-Line	Manual Throttling	BSP	1	Custom	WT12004	85,05
V2000	Body	2.5 L	In-Line		BSP	1	Custom	101048437	95,00
V2000	Body	3	In-Line	Manual Throttling	BSP	1	Standard	WT12007	101,45
V2000	Body	3 L	In-Line		BSP	1	Standard	WT12009	175,25
V2000	Body	3 L	In-Line		Flange	1	Custom	WT12919	212,15
V2000	Body	4	In-Line		Flange	1	Standard	WT12920	210,10
V2000	Body	6	In-Line		Flange	1	Custom	WT12010	687,75



V2000 Hydraulic Control Valves - Manual									27	
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)								(each)
V2000	Manual	2 L	In-Line		Manual Selector	BSP	1	Custom	WT12014	103,50
V2000	Manual	3	In-Line		Manual Selector	BSP	1	Custom	WT12017	118,90
V2000	Manual	3	In-Line		Manual Selector	Flange	1	Custom	WT14208	145,55
V2000	Manual	3 L	In-Line		Manual Selector	Flange	1	Custom	WT12921	218,30
V2000	Manual	3 L	In-Line		Manual Selector	BSP	1	Custom	WT12019	191,65
V2000	Manual	4 L	In-Line		Manual Selector	Flange	1	Custom	WT12922	227,55
V2000	Manual	6	In-Line		Manual Selector	Flange	1	Custom	WT12020	712,35

Hydraulic Control Valves | V2000



V2000 Hydraulic Control Valves - On/Off Electric N.C.										27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)								(each)
V2000	Electric, NC	2 L	In-Line	3W	24 V AC	BSP	1	Custom	WT12025	118,90
V2000	Electric, NC	3	In-Line	3W	24 V AC	BSP	1	Custom	WT12027	131,20
V2000	Electric, NC	3 L	In-Line	3W	24 V AC	Flange	1	Custom	WT12032	230,60
V2000	Electric, NC	4	In-Line	3W	24 V AC	Flange	1	Custom	WT12034	239,85
V2000	Electric, NC	3	In-Line	3W	24 V AC	Flange	1	Custom	WT12028	157,85
V2000	Electric, NC	3 L	In-Line	3W	24 V AC	BSP	1	Custom	WT12031	203,95
V2000	Electric, NC	6	In-Line	3W	24 V AC	Flange	1	Custom	WT12036	717,50
V2000	Electric	2 L	In-Line	3W	9 V DC	BSP	1	Custom	101051038	135,30
V2000	Electric	3	In-Line	3W	9 V DC	BSP	1	Custom	101051039	148,65
V2000	Electric	3 L	In-Line	3W	9 V DC	Flange	1	Custom	101051042	257,25

Hydraulic Control Valves | V2000



V2000 Hydraulic Control Valves - Pressure Reducing, Manual 27

Line	Description	Size	Pilot	Control Circuit	Spring Rating	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)			(bar)						(each)
Low Pressure Spring											
V2000	Pressure Reducing, Manual	2 L	Plastic	2/3W	0,5-3,0	Manual Selector	BSP	1	Custom	WT12073	198,85
V2000	Pressure Reducing, Manual	3	Plastic	2/3W	0,5-3,0	Manual Selector	BSP	1	Standard	WT12075	214,25
V2000	Pressure Reducing, Manual	3	Plastic	2/3W	0,5-3,0	Manual Selector	Flange	1	Custom	WT12076	240,85
V2000	Pressure Reducing, Manual	3 L	Plastic	2/3W	0,5-3,0	Manual Selector	BSP	1	Custom	WT12079	271,65
V2000	Pressure Reducing, Manual	3 L	Plastic	2/3W	0,5-3,0	Manual Selector	Flange	1	Custom	WT12080	297,25
V2000	Pressure Reducing, Manual	4	Plastic	2/3W	0,5-3,0	Manual Selector	Flange	1	Custom	WT12082	307,50
V2000	Pressure Reducing, Manual	6	Plastic	2/3W	0,5-3,0	Manual Selector	Flange	1	Custom	WT12084	843,55
V2000	Pressure Reducing, Manual	2 L	Plastic	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12057	200,90
V2000	Pressure Reducing, Manual	3	Plastic	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12059	214,25
V2000	Pressure Reducing, Manual	3	Plastic	3W	0,8-6,5	Manual Selector	Flange	1	Custom	WT12060	240,85
V2000	Pressure Reducing, Manual	3 L	Plastic	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12063	271,65
V2000	Pressure Reducing, Manual	3 L	Plastic	3W	0,8-6,5	Manual Selector	Flange	1	Custom	WT12064	297,25
V2000	Pressure Reducing, Manual	4	Plastic	3W	0,8-6,5	Manual Selector	Flange	1	Custom	WT12066	307,50
V2000	Pressure Reducing, Manual	6	Plastic	3W	0,8-6,5	Manual Selector	Flange	1	Custom	WT12068	843,55

Hydraulic Control Valves | V2000



V2000 Hydraulic Control Valves - Pressure Reducing, Electric NC

27

Line	Description	Size	Pilot	Control Circuit	Spring Rating	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)			(bar)						(each)
Standard Pressure Spring											
V2000	RP, NC	2 L	Plastic	2/3W	0,5 – 3,0	24 V AC	BSP	1	Custom	WT12121	225,50
V2000	RP, NC	3	Plastic	2/3W	0,5 – 3,0	24 V AC	BSP	1	Custom	WT12123	240,85
V2000	RP, NC	3	Plastic	2/3W	0,5 – 3,0	24 V AC	Flange	1	Custom	WT12124	266,50
V2000	RP, NC	3 L	Plastic	2/3W	0,5 – 3,0	24 V AC	BSP	1	Custom	WT12127	295,20
V2000	RP, NC	3 L	Plastic	2/3W	0,5 – 3,0	24 V AC	Flange	1	Custom	WT12128	320,80
V2000	RP, NC	4	Plastic	2/3W	0,5 – 3,0	24 V AC	Flange	1	Custom	WT12130	366,00
V2000	RP, NC	6	Plastic	2/3W	0,5 – 3,0	24 V AC	Flange	1	Custom	WT12132	869,20



V2000 Hydraulic Control Valves - Quick Relief, NC

27

Line	Description	Size	Body	Pilot	Control Circuit	Spring Rating	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)				(bar)					(each)
V2000	Quick Relief, NC	2 L	In-Line	Plastic	2W	1,0-12	BSP	1	Custom	WT12185	200,90
V2000	Quick Relief, NC	3	In-Line	Plastic	2W	1,0-12	BSP	1	Custom	WT12187	214,25
V2000	Quick Relief, NC	3 L	In-Line	Plastic	2W	1,0-12	BSP	1	Custom	WT12189	271,65

V2000 Hydraulic Control Valves - Pressure Reducing, Electric NC

27

Line	Description	Size	Pilot	Control Circuit	Spring Rating	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)			(bar)						(each)
Standard Pressure Spring											
V2000	Pressure Reducing, Electric, NC	2 L	Plastic	3W	0,8-6,5	24V AC	BSP	1	Custom	WT12089	225,50
V2000	Pressure Reducing, Electric, NC	3	Plastic	3W	0,8-6,5	24V AC	BSP	1	Custom	WT12091	240,85
V2000	Pressure Reducing, Electric, NC	3	Plastic	3W	0,8-6,5	24V AC	Flange	1	Custom	WT12092	266,50
V2000	Pressure Reducing, Electric, NC	3 L	Plastic	3W	0,8-6,5	24V AC	BSP	1	Custom	WT12095	295,20
V2000	Pressure Reducing, Electric, NC	3 L	Plastic	3W	0,8-6,5	24V AC	Flange	1	Custom	WT12096	320,80
V2000	Pressure Reducing, Electric, NC	4	Plastic	3W	0,8-6,5	24V AC	Flange	1	Custom	WT12098	331,05
V2000	Pressure Reducing, Electric, NC	6	Plastic	3W	0,8-6,5	24V AC	Flange	1	Custom	WT12100	869,20

Long term durability under a variety of tough applications.

Features

- Metal construction
- Electric / Hydraulic / Manual
- Wide operating range
- Offered in sizes from 2" to 10" and with a variety of pilot/springs and connections type.
- Offered in the four different configurations of basic, pressure reducing, pressure reducing and sustaining, and quick relief.
- Various end connections
- Solid one piece diaphragm piston assembly
- Manual override switch included with electric valves.

Benefits

- The V3000 Hydraulic Control Valves are constructed with several key features that provide long term durability under a variety of tough applications.
- The valves are designed to operate under high pressure and high flow rates.
- The diaphragm piston assembly uses an innovative method to create a seal against the body of the valve and is carefully balanced and supported to avoid distortion; resulting in long-life and controlled actuation even under harsh conditions.



When to use ?

The V3000 Hydraulic Control Valves are constructed with several key features that provide long term durability under a variety of tough applications.

- The valves are designed to operate under high pressure and high flow rates.

Hydraulic Control Valves | V3000

Product Information

Metal construction
Electric / Hydraulic / Manual
Wide operating range
2" – 10" valve sizes
Various end connections
Solid one piece diaphragm piston assembly
Manual override switch included with electric valves.

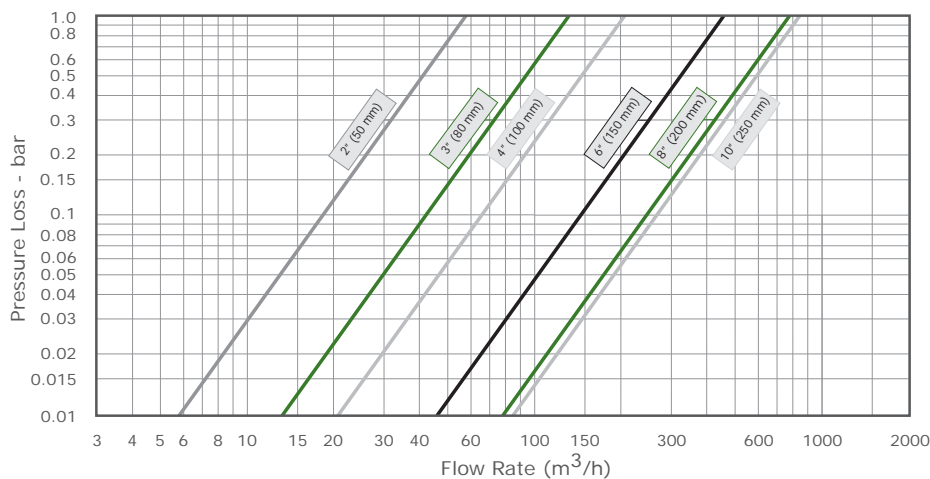


V3000 - Angle

Valve Configuration Options - V3000 Hydraulic Control Valve

Valve Function	Actuation					Pilot			Control Circuit	
	Manual	24v AC	12v DC	Hydraulic	Throttling	Low Pressure	Medium Pressure	High Pressure	2-Way	3-Way
On/Off	●	●	●	●						●
Pressure Reducing	●	●	●	●		●	●	●		●
Quick Relief								●	●	
Pressure Reducing and Sustaining	●						●			●

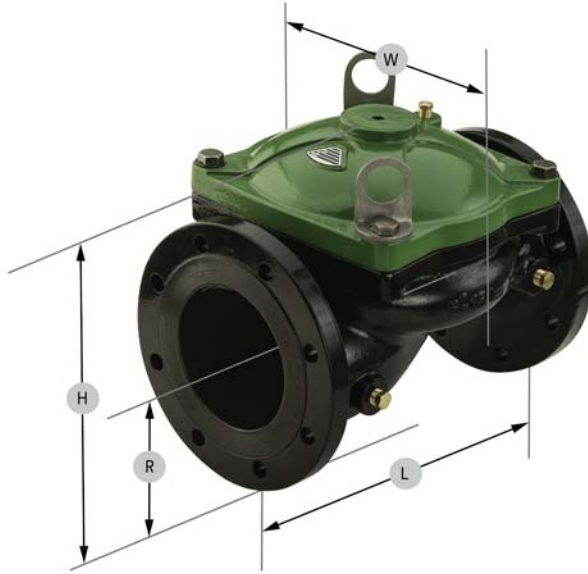
V3000 Hydraulic Control Valve – Flow Chart



V3000 Hydraulic Control Valve – Dimensions and Weights

Dimension	2" Thread (50 mm)	3" Thread (80 mm)	3" Flange (80 mm)	4" Flange (100 mm)	6" Flange (150 mm)	8" Flange (200 mm)	10" Flange (250 mm)
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
L	180	255	250	320	415	500	605
H	114	165	210	242	345	430	460
W	119	170	200	223	306	365	405
R	39	55	100	112	140	170	202
Weight (kg)	4	13	19	28	68	125	140

Angle



Hydraulic Control Valves | V3000

V3000 Hydraulic Control Valves - Body										27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)								(each)
V3000	Body	2	In-Line			BSP	1	Custom	WT12241	97,35
V3000	Body	3	In-Line			BSP	1	Custom	WT12243	226,50
V3000	Body	3	In-Line			ISO-16	1	Custom	WT12246	247,00
V3000	Body	4	In-Line			ISO-16	1	Custom	WT12249	370,00
V3000	Body	6	In-Line			ISO-16	1	Custom	WT12253	787,20
V3000	Body	8	In-Line			ISO-16	1	Custom	WT12256	1 365,30
V3000	Body	10	In-Line			ISO-16	1	Custom	WT12259	2 111,50
V3000	Body	2	Angle			BSP	1	Custom	WT14380	97,35
V3000	Body	3	Angle			BSP	1	Custom	WT14382	227,55
V3000	Body	4	Angle			ISO-16	1	Custom	WT14384	369,00



V3000 Hydraulic Control Valves – ON/OFF, manual										27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)								(each)
V3000	Manual	2	In-Line	Manual Selector		BSP	1	Custom	WT12262	116,85
V3000	Manual	3	In-Line	Manual Selector		BSP	1	Custom	WT12264	246,00
V3000	Manual	3	In-Line	Manual Selector		ISO-16	1	Custom	WT12267	266,50
V3000	Manual	4	In-Line	Manual Selector		ISO 16	1	Custom	WT12270	387,45
V3000	Manual	6	In-Line	Manual Selector		ISO 16	1	Custom	WT12274	811,80
V3000	Manual	8	In-Line	Manual Selector		ISO 16	1	Custom	WT12277	1 389,90
V3000	Manual	10	In-Line	Manual Selector		ISO 16	1	Custom	WT12280	2 136,10

Hydraulic Control Valves | V3000

V3000 Hydraulic Control Valves – ON/OFF, Electric										27
Line	Description	Size	Body	Control Circuit	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)								(each)
V3000	Electric, NC	2	In-Line	3W	24 V AC	BSP	1	Custom	WT14402	121,95
V3000	Electric, NC	3	In-Line	3W	24 V AC	BSP	1	Custom	WT14404	260,35
V3000	Electric, NC	3	In-Line	3W	24 V AC	ISO-16	1	Custom	WT14406	279,80
V3000	Electric, NC	4	In-Line	3W	24 V AC	ISO 16	1	Custom	WT14410	405,90
V3000	Electric, NC	6	In-Line	3W	24 V AC	ISO 16	1	Custom	WT14414	1 140,80

Hydraulic Control Valves | V3000



V3000 Hydraulic Control Valves - Pressure Reducing, Manual

27

Line	Description	Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Min. Qty.	Order Status	Item Number	Price € (each)
V3000	Pressure Reducing, Manual	3	Plastic	2/3W	0,5 - 3,0	Manual Selector	BSP	1	Custom	WT14432	184,50
V3000	Pressure Reducing, Manual	3	Plastic	2/3W	0,5 - 3,0	Manual Selector	ISO 16	1	Custom	WT14434	313,65
V3000	Pressure Reducing, Manual	4	Plastic	2/3W	0,5 - 3,0	Manual Selector	ISO 16	1	Custom	WT14439	459,20
V3000	Pressure Reducing, Manual	2	Plastic	3W	0,8 - 6,5	Manual Selector	BSP	1	Custom	WT12283	183,45
V3000	Pressure Reducing, Manual	3	Plastic	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT12285	312,65
V3000	Pressure Reducing, Manual	3	Plastic	3W	0,8 - 6,5	Manual Selector	ISO 16	1	Custom	WT12288	333,10
V3000	Pressure Reducing, Manual	4	Plastic	3W	0,8-6,5	Manual Selector	ISO-16	1	Custom	WT12291	459,20
V3000	Pressure Reducing, Manual	6	Metal	3W	1,0 - 16,0	Manual Selector	ISO-16	1	Custom	WT12295	1 193,10
V3000	Pressure Reducing, Manual	8	Metal	2/3W	1,0 - 16,0	Manual Selector	ISO-16	1	Custom	WT12298	1 769,15
V3000	Pressure Reducing, Manual	10	Metal	2/3W	1,0 - 16,0	Manual Selector	ISO-16	1	Custom	WT12301	2 518,40

Hydraulic Control Valves | V3000



V3000 Hydraulic Control Valves - Quick Relief, NC											27
Line	Description	Size	Body	Pilot	Control Circuit	Spring Rating	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)				(bar)					(each)
V3000	Quick Relief, NC	2	Angle	Metal	2W	1,0-16	BSP	1	Custom	WT12367	318,75
V3000	Quick Relief, NC	3	Angle	Metal	2W	1,0-16	BSP	1	Custom	WT12369	452,00
V3000	Quick Relief, NC	4	Angle	Metal	2W	1,0-16	ISO-16	1	Custom	WT12372	604,75



V3000 Hydraulic Control Valves - Pressure Reducing and Sustaining											27
Line	Description	Size	Pilot	Control Circuit	Spring Rating	Features	Con.	Min. Qty.	Order Status	Item Number	Price €
		(inch)			(bar)						(each)
V3000	Pressure Reducing & Sustaining	2	Plastic	3W	0,8 – 6,5	Manual Selector	BSP	1	Custom	WT12304	270,60
V3000	Pressure Reducing & Sustaining	3	Plastic	3W	0,8 – 6,5	Manual Selector	BSP	1	Custom	WT12306	398,70
V3000	Pressure Reducing & Sustaining	3	Plastic	3W	0,8 – 6,5	Manual Selector	BSTD	1	Custom	WT12307	417,15
V3000	Pressure Reducing & Sustaining	3	Plastic	3W	0,8 – 6,5	Manual Selector	ISO 16	1	Custom	WT12308	417,15
V3000	Pressure Reducing & Sustaining	4	Plastic	3W	0,8-6,5	Manual Selector	ISO-16	1	Custom	WT12312	546,30
V3000	Pressure Reducing & Sustaining	6	Plastic	3W	0,8-6,5	Manual Selector	BSTD	1	Custom	WT12315	1 542,60
V3000	Pressure Reducing & Sustaining	6	Metal	3W	1,0-16,0	Manual Selector	ISO-16	1	Custom	WT12316	1 542,60
V3000	Pressure Reducing & Sustaining	8	Metal	3W	1,0-16,0	Manual Selector	ISO-16	1	Custom	WT12319	2 121,75
V3000	Pressure Reducing & Sustaining	10	Metal	3W	1,0-16,0	Manual Selector	ISO-16	1	Custom	WT12322	2 870,00

Hydraulic Control Valves | V3000



V3000 Hydraulic Control Valves - Pressure Sustaining, Manual

27

Line	Description	Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Min. Qty.	Order Status	Item Number	Price € (each)
V3000	Pressure Sustaining	2	Plastic	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT14239	183,45
V3000	Pressure Sustaining	3	Plastic	3W	0,8-6,5	Manual Selector	BSP	1	Custom	WT14242	313,65
V3000	Pressure Sustaining	4	Plastic	3W	0,8-6,5	Manual Selector	ISO-16	1	Custom	WT14248	458,15
V3000	Pressure Sustaining	6	Metal	3W	1,0 - 16,0	Manual Selector	ISO-16	1	Custom	WT14251	1 194,15
V3000	Pressure Sustaining	8	Metal	3W	1,0 - 16,0	Manual Selector	ISO-16	1	Custom	WT14254	1 768,10

Hydraulic Control Valves | Accessories



Hydraulic Control Valve Accessories - Finger Filters									27
Reference	Description	Application	Body	Con.	Min. Qty.	Order Status	Item Number	Price €	
								(each)	
Finger Filter	Finger Filter - 1/4"	V1000, V2000	Plastic	1/4"M x 1/8"F	1	Custom	WT14003	11,60	
Finger Filter	Finger Filter Short - 1/4"	V1000, V2000	Plastic	1/4"M x 1/8"F	1	Custom	WT14004	7,60	
Finger Filter	Finger Filter - 1/4"	V1000, V2000	Stainless Steel	1/4"M x 1/4"M	1	Custom	WT14005	73,80	



Hydraulic Control Valve Accessories - Hydraulic Relays									27
Reference	Description	Application	Body	Con.	Min. Qty.	Order Status	Item Number	Price €	
								(each)	
Hydraulic Relay	Hydraulic Relay -Up to 1,0 (Silver)	3W	Plastic	1/8	1	Consult	Consult	Consult	



WT12558 - Pilot - Multi Purpose Mini



WT12559 - Pilot - Pressure Reducer Mini

Hydraulic Control Valve Accessories - Pilots									27
Reference	Description	Pilot Type	For Valve Size:	Cont.	Spring Rating	Min. Qty.	Order Status	Item Number	Price €
			(inch)		(bar)				(each)
Pilot	Pilot - Multi Purpose Mini	Plastic	2-4	3W	0,8-6,5	1	Standard	WT12558	79,95
Pilot	Pilot - Pressure Reducer Mini	Plastic	2-4	2/3W	0,5-3,0	1	Custom	WT12559	79,95
Pilot	Pilot - Quick Relief Mini, MT	Brass W/ Plastic Cover	2-4	2W	1,0-16,0	1	Custom	WT12561	228,55
Pilot	Pilot - Quick Relief Mini, MT	Plastic	2-4	2W	1,0-12,0	1	Custom	WT12560	79,95
Pilot	Pilot - Multi Purpose Mini	Laiton	4-10	3W	1,0-16,0	1	Custom	101019021	742,10

Hydraulic Control Valves | Accessories



WT12574 - Solenoid AC - 24v AC



WT12576 - Solenoid AC - 24v AC



WT12918 - Solenoid DC Latch - 12-50v DC

Hydraulic Control Valve Accessories - Solenoids

27

Reference	Description	Cont.	Body	Function	Wires	Min. Qty.	Order Status	Item Number	Price € (each)
Solenoid	Solenoid DC Latch - 9-20v DC	2W	w/o	NC	2	1	Custom	WT12575	35,90
Solenoid	Solenoid DC Latch - 9-40v DC	3W	Plastic	w/o	2	1	Standard	WT14160	52,30
Solenoid	Solenoid DC Latch - 12-50v DC	3W	Plastic	w/o	2	1	Standard	WT12918	91,20
Solenoid	Solenoid AC - 24v AC	2W	w/o	NC	2	1	Standard	WT12574	17,40
Solenoid	Solenoid AC - 24v AC	3W	Plastic	NO	2	1	Standard	WT12576	38,95

Hydraulic Control Valves | Accessories



27

Hydraulic Control Valve Accessories - Direct Acting Pressure Reducing Valve											Price €
Description	Size	Con.	Function	Body	Spring Rating	Spring	Flow Rate	Min. Qty.	Order Status	Item Number	Price €
	(inch)				(bar)	(color)	(m ³ /h)				(each)
Pressure Reducing Valve - Adjustable, Direct Acting	3/4	BSP	Female-Female	Plastic	0,5-1,2	Yellow	0,2-5,0	1	Custom	101005719	15,35
Pressure Reducing Valve - Adjustable, Direct Acting	3/4	BSP	Female-Female	Plastic	0,8-2,5	White	0,2-5,0	1	Custom	101005720	15,35
Pressure Reducing Valve - Adjustable, Direct Acting	3/4	BSP	Female-Female	Plastic	2,0-4,0	Red	0,2-5,0	1	Custom	101005721	15,35
Pressure Reducing Valve - Adjustable, Direct Acting	1	BSP	Female-Female	Plastic	0,5-1,2	White	0,1 -7,0	1	Custom	WT12562	38,95
Pressure Reducing Valve - Adjustable, Direct Acting	1	BSP	Female-Female	Plastic	1,0-2,0	Red	0,1 -7,0	1	Custom	WT12563	38,95
Pressure Reducing Valve - Adjustable, Direct Acting	1	BSP	Female-Female	Plastic	1,5-3,5	Black	0,1 -7,0	1	Custom	WT12564	38,95
Pressure Reducing Valve - Adjustable, Direct Acting	1,5	BSP	Female-Female	Plastic	0,5-1,2	White	0,45-18,0	1	Custom	WT12568	91,20
Pressure Reducing Valve - Adjustable, Direct Acting	1,5	BSP	Female-Female	Plastic	1,0-2,0	Red	0,45-18,0	1	Custom	WT12569	101,00
Pressure Reducing Valve - Adjustable, Direct Acting	1,5	BSP	Female-Female	Plastic	1,5-3,5	Black	0,45-18,0	1	Custom	WT12570	101,00
Pressure Reducing Valve - Adjustable, Direct Acting	1,5	BSP	Female-Female	Plastic	3,5-5,5	Brown	0,45-18,0	1	Custom	WT14273	74,00

Accessories & tools

Accessories & tools



Accessories & tools | Pressure Gauges



Pressure Gauge (Glycerin filled)

27

Description	Pressure	Inlet Male Threaded	Cont.	Inlet side	Diameter		Precision	Av. Weight	Min. Qty.	Order Status	Item Number	Price €
	(bar)	(inch)			(mm)	(inch)						
Rivulis pressure gauge liquid	2,5	1/4	BSP	Bottom	63	2,5	1,6	216,5	1	Custom	101048752	9,75
Rivulis pressure gauge liquid	4,0	1/4	BSP	Bottom	63	2,5	1,6	216,5	1	Custom	101048753	9,75
Rivulis pressure gauge liquid	6,0	1/4	BSP	Bottom	63	2,5	1,6	216,5	1	Custom	101048754	9,75
Rivulis pressure gauge liquid	10,0	1/4	BSP	Bottom	63	2,5	1,6	216,5	1	Custom	101048755	9,75







Pressure Gauge (Dry)







27

Description	Pressure	Inlet Male Threaded	Cont.	Inlet side	Diameter		Precision	Av. Weight	Min. Qty.	Order Status	Item Number	Price €
	(bar)	(inch)			(mm)	(inch)						
Rivulis pressure gauge Dry	2,5	1/4	BSP	Bottom	63	2,5	2,5	133,7	1	Custom	Consult	Consult
Rivulis pressure gauge Dry	4,0	1/4	BSP	Bottom	63	2,5	2,5	133,7	1	Custom	101048756	5,50
Rivulis pressure gauge Dry	6,0	1/4	BSP	Bottom	63	2,5	2,5	133,7	1	Custom	101048757	5,50
Rivulis pressure gauge Dry	10,0	1/4	BSP	Bottom	63	2,5	2,5	133,7	1	Custom	101048758	5,50






Drill Bits, Drill and Punch Tools						21
Image	Description	Applications	Min. Qty.	Order Status	Item Number	Price (€)
						(Each)
	Conic Drill Bit - 10-20 mm	Drilling holes in PVC pipes for start connectors	1	Custom	101003341	80,00
	Conic Drill Bit Limiter	Assembled on conic drill bit 10-20 mm to drill 16mm holes	1	Custom	101003340	9,00
	Drill bit - 15 mm (DR-15)	Drilling holes in PVC pipes for B400 start connector grommets	1	Custom	101001353	33,00
	Drill bit - 15,5 mm (DR-15,5)	Drilling holes in PVC pipes for start connector grommets	1	Custom	101018417	30,40
	Drill bit - 16 mm (DR-16)	Drilling holes in PVC pipes for start connector grommets	1	Standard	101003342	31,00
	Drill bit - 17 mm (DR-17)	Drilling holes in PVC pipes for B425 start connector grommets	1	Custom	101001354	33,00
	Drill bit - 19 mm (DR-19)	Drilling holes in PVC pipes for B700 start connector grommets	1	Standard	101001355	33,00
	7,5 mm Cutting blade (DR-7.5)	For start connectors (12-20 mm)	1	Custom	101013496	22,25
	7,5 mm Quick manual drill-Big (QDB-7.5)	Up to 63 mm - For start connectors (12-20 mm) & 9mm flat barb plunger	1	Custom	101003344	77,00
	7,5 mm Quick manual drill-Small (QDS-7.5)	Up to 50 mm - For start connectors (12-20 mm) & 9mm flat barb plunger	1	Standard	101013670	52,00
	7,5 mm Simple manual punch (R4-K 7.5)	For start connectors (12-20 mm) & 9mm flat barb plunger	1	Standard	101003345	20,00
	7,5 mm start connector punch & twist inserter (PTI)	Punch & twist inserter - For start connectors (12-20 mm) & 9 mm flat barb plunger	1	Standard	101018418	185,00
	R4-R, Simple Inserter	For start connectors, 9 mm flat barb plunger & start connector gasket	1	Standard	101003343	11,95






Accessories & tools | Tools Installation


Drill Bits, Drill and Punch Tools						21
Image	Description	Applications	Min. Qty.	Order Status	Item Number	Price (€)
						(Each)
	400 Barb Inserter	For start connectors B400 into Thin Wall PE tubing	1	Custom	101001107	29,50
	400 Barb Inserter	For start connectors B400 into Thin Wall PE tubing	1	Custom	101001109	38,40
	700 Barb Inserter	For start connectors B700 into Thin Wall PE tubing	1	Custom	101001111	41,00
	700 Barb Inserter	For start connectors B700 into Thin Wall PE tubing	1	Custom	101001112	41,00

Insertion Tools - Punches, Assembling Micro Tubes and Accessories & On line drippers						8
Image	Description	Applications	Min. Qty.	Order Status	Item Number	PVP (€)
						(Each)
	3,7 mm Mini Punch	Punch for 8 mm connectors	1	Custom	101022746	4,2250
	2,8 mm Manual Punch Inserter	For Katif PC side outlet, Meteor 4x7 mm, 4x7 mm microtube connector, barbed anti-leak mini valve	1	Custom	101001881	5,0000
	2,8 mm Simple Punch Inserter	For Katif PC top outlet, Meteor 4x7 mm, 4x7 mm microtube connector, barbed anti-leak mini valve	1	Custom	101001880	14,0000
	2,8 mm Mini Punch	For Katif PC drippers, Meteor 4x7 mm, 4x7 mm microtube connector, barbed anti-leak mini valve	1	Custom	101003347	9,3950
	2 mm Punch	For online drippers, multi-outlet adaptor	1	Custom	101001967	3,7875
	2,0 mm Mini Punch	For online drippers, multi-outlet adaptor	1	Custom	101022748	9,0000

Accessories & tools | Tools Installation

Insertion Tools - Punches, Cutters						21
Image	Description	Applications	Min. Qty.	Order Status	Item Number	PVP (€)
						(Each)
	2 mm Quick Cut 16 mm or 20 mm	For multi-outlet adaptor	1	Standard	101003349	17,9815
	2 mm Quick Cut spare blade	Replacement blade for 101003349	1	Custom	101022747	12,0000
	2 mm Universal Punch	For holes in PE pipes 12-32 mm	1	Custom	101003353	25,6000
	Talli 3x5 mm		1	Custom	101011339	24,0000
	Super Talli 3x5 mm		1	Custom	101038664	39,3000

Insertion Tools - Layflat Cutters, Tools and Accessories						21
Image	Description	Applications	Min. Qty.	Order Status	Item Number	Price (€)
						(Each)
	14 mm Layflat cutter	For cutting holes in layflat pipes for start connectors	1	Standard	101001118	92,0000
	16 mm Layflat cutter	For cutting holes in layflat pipes for start connectors	1	Standard	101001119	92,0000
	19 mm Layflat cutter	For cutting holes in layflat pipes for start connectors	1	Standard	101001120	92,0000
	Pro- Grip Layflat Spanner Wrench	For tightening layflat start connectors	1	Custom	101001121	3,3585
	Pro-Grip Layflat Tee Hex Wrench 500 Series	Hex Wrench uses with Spanner wrench for tightening layflat start connectors	1	Custom	101001123	1,9810

Insertion Tools - Layflat Cutters, Tools and Accessories						26
Image	Description	Applications	Min. Qty.	Order Status	Item Number	Price (€)
						(Each)
	Spanner Wrench - For S5000	To tighten the sprinkler to the holder and to disconnect nozzles whenever needed for maintenance	1	Custom	WT13812	1,65

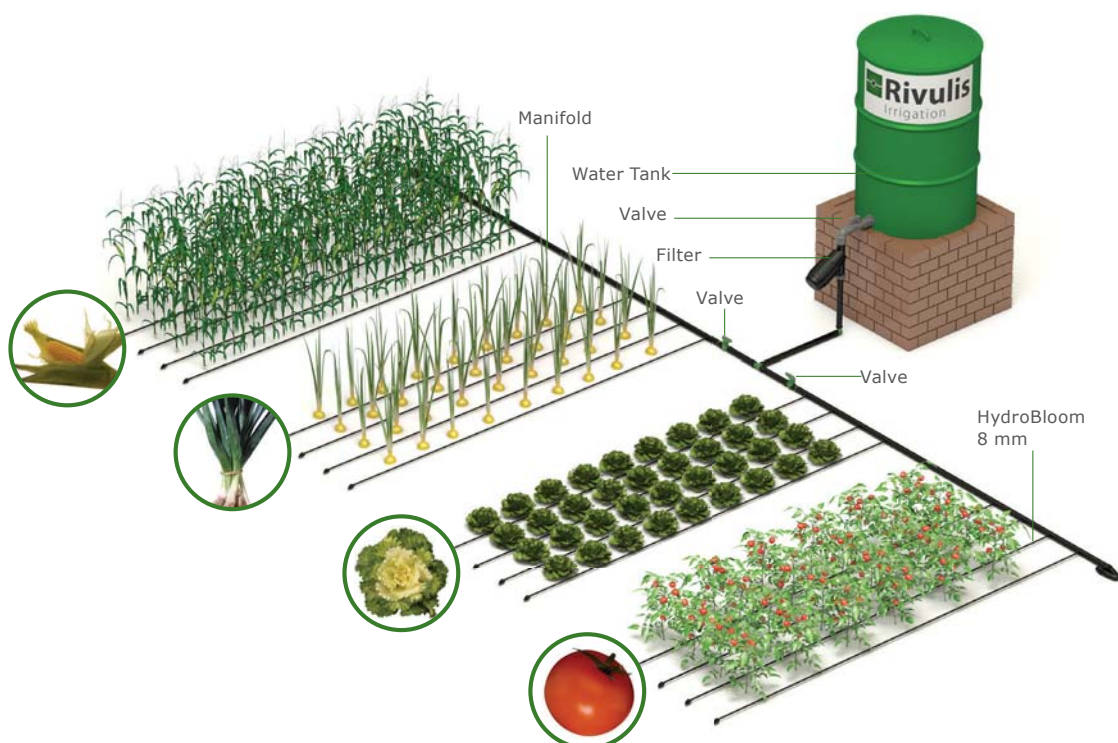
The most economical solution for small-scale plots.

Features

- Modular kit assemblies for different plot sizes - Three different models: 100m², 250m² and 500m².
- All products and parts needed for installation and operation are included (except the water tank)
Durable multi-season brown dripline: HydroBloom 8 mm.

Benefits

- Higher yields and improved crop quality
- Precise water and fertilizer application
- Increases water use efficiency, reduces evaporation and run-off
- Excellent water distribution uniformity
- Easy installation, operation & maintenance
- Emitter highly resistant to clogging even in low flow rates



Kit Components

Description	DK100-G	DK250-G	DK500-G
Water tank outlet 3/4"m	1	1	1
Plastic valve 3/4"F x 3/4"m	1	1	1
Elbow 3/4"F	1	1	1
Filter 3/4"m 100mic	1	1	1
Adaptor 20mm x 3/4"F	1	1	1
LDPE 20/2.5 Black - 15m	1		
LDPE 20/2.5 Black - 25m		1	
LDPE 20/2.5 Black - 30m			1
Barbed elbow 20mm	1	1	1
Barbed Tee 20mm	1	1	1
HydroBloom brown 8/32/1.2/0.30 -25m (2 Out)	4	10	20
Valve 20mm x 20mm	2	2	2
Coupling 8mm	20	25	30
Line end 20mm	2	2	2
Mini punch 3.7mm	1	1	1
Threaded tape (Teflon)	2	2	2
Coupling 20mm	3	4	5
Line end 8mm	20	25	30
DK-G Brush	1	1	1

Specifications	
Drip line diameter (mm)	8
ID (mm)	6,4
Wall thickness (mil / mm)	32 / 0,81
Dripper spacing (cm)	30
Drip line color	Brown
Recommends Drip line length on flat terrain (m) with 30 cm dripper spacing	12,5

Kit	DK100-G	DK250-G	DK500-G
Item code	101049411	101049412	101049413
Model kit contains	1 box + 1 LDPE roll (loose)	1 box + 1 LDPE roll (loose)	2 boxes + 1 LDPE roll (loose)
Box packaging - H x L x W (mm)	270 x 385 x 380	490 X 355 X 355	490 X 355 X 355
Average box weight (kg)	3,1	6,2	6,2
Average LDPE roll weight (kg)	1,1	1,8	2,2
Pallet size (meter)	1,2 x 1,1	1,2 x 1,1	1,2 x 1,1
Estimated number of kits per 20' container	370	280	140
Estimated number of kits per 40' container	740	560	280
Estimated number of kits per 40'HC container	815	620	310

Accessories & tools | Gravity Kits

Technical data	P = 1,0 meter	P = 1,5 meter	P = 2,0 meter
Pressure (water tank height)	P = 1,0 meter	P = 1,5 meter	P = 2,0 meter
Dripper flow rate (lph)	0,36	0,45	0,54
Application rate (flow rate divided by the dripper spacing) (mm/h)	1,2	1,5	1,8
Total flow rate of full plot with 1m lateral spacing - 100m ² , 250m ² , 500m ² (lph)	120, 300, 600	150, 375, 750	180, 450, 900
Total flow rate of half plot with 1m lateral spacing - 100m ² , 250m ² , 500m ² (lph)	60, 150, 300	75, 187,5, 375	90, 225, 450

Calculated Irrigation Time - Example:

Pressure (water tank height)	P = 1,0 meter	P = 1,5 meter	P = 2,0 meter
Irrigation time for 5 mm/day (hours)	4,2	3,3	2,8
Irrigation time for 6 mm/day (hours)	5	4	3,3
Irrigation time for 7 mm/day (hours)	5,8	4,7	3,9

* To calculate irrigation time per day divide required application by the plot's application rate, for example: Crop requirement of 6 mm per day will be divided by application rate (based on the water tank height) to obtain the total number of hours required for irrigation.

* Hourly water amount according to the working pressures when the whole system is operated simultaneously or when the system is operated in two halves.

Gravity Kits									21
Description	Area	Dripline diameter	Flow Rate	Spacing	PE 20/2,5 Length	Min. Qty.	Order Status	Item Number	Price €
	(m ²)	(mm)	(l/h)	(cm)	(m)				(each)
DK100-G Gravity Kit 100m ²	100	8	1,2	30	15	Consult	Custom	101049411	92,00
DK250-G Gravity Kit 250m ²	250	8	1,2	30	25	Consult	Custom	101049412	137,00
DK500-G Gravity Kit 500m ²	500	8	1,2	30	30	Consult	Custom	101049413	207,00



Rivulis

Rivulis Europe & Africa

13 Chemin de Novital, Zi la Pointe
31150 Lespinasse
France
Phone: +33 5 34 27 05 05
EMEA_Marketing@rivulis.com

Rivulis Spain

c/ D - Parcela R-188, Pol.Ind. Manzanares
13200 Manzanares Ciudad Real
Spain
Phone: +34 926 646 300
EMEA_Marketing@rivulis.com

 www.facebook.com/RivulisIrrigationEMEA

Rivulis.com

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