

Rivulis Plastro by irrigationglobal.com

Product Catalog



Welcome

Rivulis

Rivulis is an industry leading manufacturer of drip and micro irrigation products. Rivulis is headquartered in Israel and manufactures in numerous locations throughout the world. Rivulis offers a full line of irrigation products including drip lines, drip tapes, filters, hose and tubing, sprinklers, sprays and valves. Rivulis products are sold through a global network of dealer partners serving multiple industries including agriculture, horticulture, landscape and mining.

Quality, size, and reach

Like no one else, Rivulis delivers on leading product brands, large scale operations, and global distribution to the irrigation industry and growers worldwide. The Rivulis approach combines the industry's leading irrigation products with the right people. It's about doing business the right way, together.



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Convert	Into	Formula
Measurement units		
mil	mm	$mm = mil \times 0.0254$
mm	mil	$mil = mm / 0.0254$

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

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

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Recommendation -

For proper maintenance of your irrigation system, it is recommended to apply chemical treatments for cleaning and prevention of clogging. Please consult your local dealer.

Drippers, Emitters & Sprinklers



Greenhouses & Hydroponics Range

Katif	For situations where you want flow regulation but do not need a hose or peg
E1000	A two-piece easy take-apart dripper making maintenance easy and extending the life of your drippers
Supertif	Supertif gives you all the options – flow regulation, no-drain, various outlets, all in one compact reliable dripper
Rondo Mist Sprayer	Get your seedlings under way with a mist sprayer that gently irrigates your plants
FLF	Fogger Low Flow
Inverted Rondo	Our popular range of inverted sprinklers available in both flow reg and non-flow regulated options

Where to use:

If you've got a roof over your crops (hydroponics, greenhouse) or if your plants are in a pot, this is the section you have been looking for

How to use:

For drippers, in some cases you will just insert drippers without tubing, but generally drippers have a tube and peg allowing them to irrigate directly into the pots

Use with:

There are multiple hose and peg configurations available for your drippers. Save the time and have Rivulis make them for you. Check out our full range of accessories in the Sprays & Sprinklers section

Drippers quick reference guide

	Katif	E1000	Supertif	Supertif ND	Supertif NDH
Flow Regulation	✓		✓	✓	✓
No-drain				✓	(high 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, 8.0, 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		
			SLB (selected configurations) Straight barbed for 3 x 5 mm tube		
			SOL (selected configurations) 90° barbed side 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	

Greenhouse inverted sprinklers, foggers & misters quick reference guide

	Inverted Rondo	Inverted Rondo Flow Regulated	FLF	Rondo Mist Sprayer
Type	Inverted Micro Sprinkler	Inverted Micro Sprinkler	Inverted Fogger	Inverted Mister
Flow Regulation		✓		
Flow Rate (lph) Based on nominal operating pressure	51, 75, 102, 132	23, 30, 41, 53, 70, 95	5.4, 10.5	47, 61
Inlet	Conic female & 3/8" THM	3/8" THM	Conic female	Conic female
Options/Models	Anti-leak valve assembly	Anti-leak valve assembly	Single, 2-way & 4-way models Anti-leak valve assembly	Anti-leak valve assembly

E1000 Dripper

Take Apart Body (2-Piece Body)

- Large cross sectional flow path
- Non-regulated dripper
- Can be disassembled and easily maintained in the field
- Multi-function port/ Low profile dripper



E1000 Dripper						
Image	Base (Color)	Flow Rate (l/h)	Outlet Color	Outlet Type	Min. Qty.	Item Number
	Black	2.00	Brown	Multi-Port	1,000	201013383
	Black	4.00	Black	Multi-Port	1,000	201013385
1	Black	8.00	Green	Multi-Port	1,000	201013386



E1000 - 2.0 l/h



E1000 - 4.0 l/h



E1000 - 8.0 l/h

Technical Data		
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	Mesh
All Models	130	120
Purchasing Information		
Sold in bag quantities only		
Bag quantity:	1,000	


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

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				
Image	Description	Minimum Qty.	Order Status	Item Number
	E1000 Dripper Maintenance Tool	1	Standard	101043997

Katif Flow Regulated Dripper

Low profile, flow regulated dripper

- Self flushing mechanism
- Highly accurate flow regulating diaphragm
- Constant water flow rates over a wide pressure range



Katif Flow Regulated Dripper						
Image	Base (Color)	Flow Rate (l/h)	Outlet Color	Outlet Type	Minimum Qty.	Item Number
	Black	2.30	Black	Side Outlet	1,000	201000052
	Black	3.75	Red	Side Outlet	1,000	201000053
	Black	2.30	Black	Top Outlet	1,000	101003179
1	Black	3.75	Red	Top Outlet	1,000	201000055
	Black	8.40	Green	Top Outlet	1,000	201000056
	Black	8.40	Green	Top and Side Outlet	1,000	201000054



Katif - Top Outlet
3.75 l/h



Katif - Side Outlet
2.30 l/h

Technical Data		
Operating pressure range:	0.8-3.0 bar	
Use 2mm punch		
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
All Models	130	120
Purchasing Information		
Sold in bag quantities only		
Box	47X37X26.5 cm	
Box Quantity	50,000	
Bag Quantity	10,000	
Weight	12.5 Kg	
Option		
Bags	1,000	

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

Nominal Flow Rate	Outlet Color	Hose Size		Pressure	Spacing Between Drippers (cm)					
		ID	OD		33	50	75	100	125	150
(lph)		(mm)	(mm)	(bar)	(m)					
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

Supertif Flow Regulated Dripper

Outstanding flow regulation

- Nurseries, greenhouse, open field, and landscape applications
- Self-activated flushing mechanism
- Manufactured with superior materials for a long life



Supertif – Product Specifications/Options					
Product	Nominal Flow Rates	Outlet	Operating Pressure Ranges	Start Opening Pressure	Sealing Pressure
	(lph)		(bar)	(bar)	(bar)
Supertif	2.2, 3.85, 7.8, 12.0, 25.0	Conic, barb*	0.6–3.5 (25 lph: 1.25–3.5)	—	—
Supertif ND	1.1, 2.2, 3.85, 7.8	Conic, barb,* side outlet barb*	0.7–3.5	0.30	0.15
Supertif NDH	1.6, 3.1, 8.0, 11.0	Conic, barb,** side outlet barb***	1.2–3.5	0.50	0.35

* For barb 2.2 lph only

** For barb 3.1 lph only

*** For side outlet barb 1.6 and 3.1 lph only



Straight conic outlet (Conic)



Barbed side outlet (SOL)



Straight barbed outlets (SLB)

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

Product	Nominal Flow Rate	Outlet Color*	Hose Size		Spacing Between Drippers (cm)					
			ID	OD	30	50	60	75	100	150
	(lph)		(mm)	(mm)	(m)					
Supertif	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	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	8.0	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	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	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

Supertif Flow Regulated Dripper

Technical Data Supertif	
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
All Models	130
Purchasing Information Supertif	
Bag Quantity	1,000
Box Quantity	4,000
Bag x Box	4 x 1000
Box	47 X 37 X 26.5 cm



Supertif SLB Barb 2.20 l/h



1. Supertif - Conic 25 l/h

Supertif Flow Regulated Dripper

Image	Base Color	Flow Rate (l/h)	Outlet Color	Outlet Type	Minimum Qty. (bag)	Order Status	Item Number
	Black	2.20	Brown	Conic	1,000	Standard	201000058
	Black	3.85	Black	Conic	1,000	Standard	201000242
	Black	7.80	Green	Conic	1,000	Standard	201000059
	Black	12.00	Red	Conic	1,000	Standard	201000060
1	Black	25.00	Orange	Conic	1,000	Standard	101003183
	Black	2.20	Brown	Barb (SLB)	1,000	Standard	201000240

Supertif Flow Regulated Dripper

Technical Data Supertif ND		
ND: No Drain		
Operating pressure range:	0.7 to 3.5 bar	
Sealing pressure:	0.15 bar	
Filtration requirements:		
l/h	Micron	Mesh
≤ 1.1	100	150
> 1.1	130	120
Purchasing Information Supertif ND		
Bag Quantity	1,000	
Box Quantity	4,000	
Box	47 X 37 X 26.5 cm	



1. Supertif ND Barb (SLB) 2.2 l/h



2. Supertif ND Side Outlet barb (SOL) 2.2 l/h

Supertif ND Flow Regulated Dripper

Image	Base Color	Flow Rate (l/h)	Outlet Color	Outlet Type	Minimum Qty. (bag)	Order Status	Item Number
1	Brown	1.10	Grey	Conic	1,000	Standard	201000066
	Brown	2.20	Brown	Conic	1,000	Standard	201000061
	Brown	3.85	Black	Conic	1,000	Standard	201000062
	Brown	7.80	Green	Conic	1,000	Standard	201000064
	Brown	2.20	Brown	Barb (SLB)	1,000	Standard	201000241
2	Brown	2.20	Brown	Side Outlet Barb (SOL)	1,000	Standard	101003191

Supertif Flow Regulated Dripper

Technical Data Supertif NDH		
NDH: No Drain High		
H: High Pressure		
Operating pressure range:	1.2 to 3.5 bar	
Sealing pressure:	0.35 bar	
Filtration requirements:		
l/h	Micron	Mesh
≤ 1.6	100	150
> 1.6	130	120
Purchasing Information Supertif NDH		
Bag Quantity	1,000	
Box Quantity	4,000	
Box	47 X 37 X 26.5 cm	



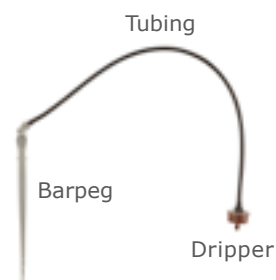
3. Supertif NDH
Conic 1.6 l/h



Supertif NDH
Conic 3.1 l/h

Supertif ND H Flow Regulated Dripper

Image	Base Color	Flow Rate (l/h)	Outlet Color	Outlet Type	Minimum Qty.	Order Status	Item Number
	Brown	1.60	Dark Grey	Conic	1,000	Standard	101011749
3	Brown	3.10	Blue	Conic	1,000	Standard	101011750
	Brown	8.00	Lt. Green	Conic	1,000	Standard	101011752
	Brown	11.00	Red	Conic	1,000	Standard	101011753
	Brown	3.10	Blue	Barb (SLB)	1,000	Standard	101011754
	Brown	1.60	Dark Grey	Side Outlet Barb (SOL)	1,000	Standard	101011756
	Brown	3.10	Blue	Side Outlet Barb (SOL)	1,000	Standard	101011757



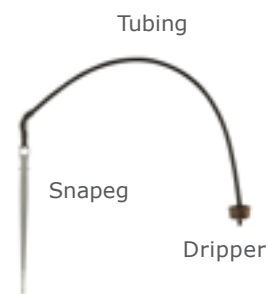
Supertif ND Assembly
Supertif + Black 3x5 Tube +
BarPeg

Single Peg Assemblies - Barpeg (Grey). Supertif ND

Peg	Dripper	Flow Rate (l/h)	Outlet Color	Tube (cm)	Tube Color	Minimum Qty.	Order Status	Item Number
Barpeg	Supertif ND Conic	1.10	Grey	40	Black	400	Custom	101041949
Barpeg	Supertif ND Conic	1.10	Grey	50	Black	400	Custom	101041953
Barpeg	Supertif ND Conic	1.10	Grey	60	Black	400	Custom	101041955
Barpeg	Supertif ND Conic	1.10	Grey	70	Black	400	Custom	101041959
Barpeg	Supertif ND Conic	1.10	Grey	80	Black	400	Custom	101041963
Barpeg	Supertif ND Conic	3.85	Black	40	Black	400	Custom	101041967
Barpeg	Supertif ND Conic	3.85	Black	50	Black	400	Custom	101041971
Barpeg	Supertif ND Conic	3.85	Black	60	Black	400	Custom	101041975
Barpeg	Supertif ND Conic	3.85	Black	70	Black	400	Custom	101041978
Barpeg	Supertif ND Conic	3.85	Black	80	Black	400	Custom	101041981
Barpeg	Supertif ND Conic	8.00	Green	40	Black	400	Custom	101041985
Barpeg	Supertif ND Conic	8.00	Green	50	Black	400	Custom	101041989
Barpeg	Supertif ND Conic	8.00	Green	60	Black	400	Custom	101041993
Barpeg	Supertif ND Conic	8.00	Green	70	Black	400	Custom	101041997
Barpeg	Supertif ND Conic	8.00	Green	80	Black	400	Custom	101042001
Barpeg	Supertif ND SLB	2.20	Brown	40	Black	400	Custom	101042005
Barpeg	Supertif ND SLB	2.20	Brown	50	Black	400	Custom	101042009
Barpeg	Supertif ND SLB	2.20	Brown	60	Black	400	Custom	101042011
Barpeg	Supertif ND SLB	2.20	Brown	70	Black	400	Custom	101042013
Barpeg	Supertif ND SLB	2.20	Brown	80	Black	400	Custom	101042014



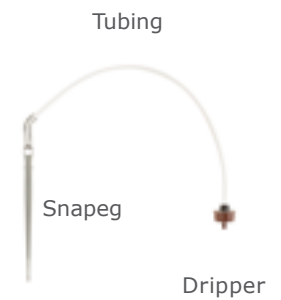
Single Peg Assemblies - Barpeg (Grey). Supertif ND								
Peg	Dripper	Flow Rate	Outlet Color	Tube	Tube Color	Minimum Qty.	Order Status	Item Number
		(l/h)		(cm)				
Barpeg	Supertif ND Conic	1.10	Grey	40	White	400	Custom	101041947
Barpeg	Supertif ND Conic	1.10	Grey	50	White	400	Custom	101041951
Barpeg	Supertif ND Conic	1.10	Grey	60	White	400	Custom	101028359
Barpeg	Supertif ND Conic	1.10	Grey	70	White	400	Custom	101041957
Barpeg	Supertif ND Conic	1.10	Grey	80	White	400	Custom	101041961
Barpeg	Supertif ND SLB	2.20	Brown	40	White	400	Custom	101042003
Barpeg	Supertif ND SLB	2.20	Brown	50	White	400	Custom	101042007
Barpeg	Supertif ND SLB	2.20	Brown	60	White	400	Custom	201003415
Barpeg	Supertif ND SLB	2.20	Brown	70	White	400	Custom	101028401
Barpeg	Supertif ND SLB	2.20	Brown	80	White	800	Standard	101040475
Barpeg	Supertif ND Conic	3.85	Black	40	White	400	Custom	101041965
Barpeg	Supertif ND Conic	3.85	Black	50	White	400	Custom	101041969
Barpeg	Supertif ND Conic	3.85	Black	60	White	400	Custom	101041973
Barpeg	Supertif ND Conic	3.85	Black	70	White	400	Custom	101041976
Barpeg	Supertif ND Conic	3.85	Black	80	White	400	Standard	101041979
Barpeg	Supertif ND Conic	8.00	Green	40	White	400	Custom	101041983
Barpeg	Supertif ND Conic	8.00	Green	50	White	400	Custom	101041987
Barpeg	Supertif ND Conic	8.00	Green	60	White	400	Custom	101041991
Barpeg	Supertif ND Conic	8.00	Green	70	White	400	Custom	101041995
Barpeg	Supertif ND Conic	8.00	Green	80	White	400	Custom	101041999



Supertif + Black 3x5 tube + SnaPeg

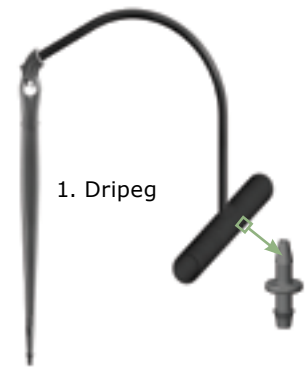
Single Peg Assemblies - Snapeg (Grey) - Supertif ND & NDH								
Peg	Dripper	Flow Rate (l/h)	Outlet Color	Tube (cm)	Tube Color	Minimum Qty.	Order Status	Item Number
Snapeg	Supertif ND Conic	1.10	Grey	40	Black	400	Custom	101041948
Snapeg	Supertif ND Conic	1.10	Grey	50	Black	400	Custom	101041952
Snapeg	Supertif ND Conic	1.10	Grey	60	Black	400	Custom	101041954
Snapeg	Supertif ND Conic	1.10	Grey	70	Black	400	Custom	101041958
Snapeg	Supertif ND Conic	1.10	Grey	80	Black	400	Standard	101041962
Snapeg	Supertif ND SLB	2.20	Brown	40	Black	400	Custom	101042004
Snapeg	Supertif ND SLB	2.20	Brown	50	Black	400	Custom	101042008
Snapeg	Supertif ND SLB	2.20	Brown	60	Black	400	Custom	101042010
Snapeg	Supertif ND SLB	2.20	Brown	70	Black	400	Custom	101042012
Snapeg	Supertif ND SLB	2.20	Brown	80	Black	400	Standard	101028373
Snapeg	Supertif NDH Conic	3.10	Blue	60	Black	400	Custom	101040112
Snapeg	Supertif ND Conic	3.85	Black	40	Black	400	Custom	101041966
Snapeg	Supertif ND Conic	3.85	Black	50	Black	400	Standard	101041970
Snapeg	Supertif ND Conic	3.85	Black	60	Black	400	Custom	101041974
Snapeg	Supertif ND Conic	3.85	Black	70	Black	400	Custom	101041977
Snapeg	Supertif ND Conic	3.85	Black	80	Black	400	Custom	101041980
Snapeg	Supertif ND Conic	8.00	Green	40	Black	400	Custom	101041984
Snapeg	Supertif ND Conic	8.00	Green	50	Black	400	Custom	101041988
Snapeg	Supertif ND Conic	8.00	Green	60	Black	400	Custom	101041996
Snapeg	Supertif ND Conic	8.00	Green	70	Black	400	Custom	101042000
Snapeg	Supertif ND Conic	8.00	Green	80	Black	400	Custom	101041992

Dripper Assemblies



Supertif + White 3x5 tube + SnaPeg

Single Peg Assemblies - Snapeg (Grey) - Supertif ND & NDH								
Peg	Dripper	Flow Rate (l/h)	Outlet Color	Tube (cm)	Tube Color	Minimum Qty.	Order Status	Item Number
Snapeg	Supertif ND Conic	1.10	Grey	40	White	400	Custom	101041946
Snapeg	Supertif ND Conic	1.10	Grey	50	White	400	Custom	101041950
Snapeg	Supertif ND Conic	1.10	Grey	60	White	400	Custom	101022829
Snapeg	Supertif ND Conic	1.10	Grey	70	White	400	Custom	101041956
Snapeg	Supertif ND Conic	1.10	Grey	80	White	400	Custom	101041960
Snapeg	Supertif ND SLB	2.20	Brown	40	White	400	Custom	101042002
Snapeg	Supertif ND SLB	2.20	Brown	50	White	400	Standard	101042006
Snapeg	Supertif ND SLB	2.20	Brown	60	White	400	Standard	101011237
Snapeg	Supertif ND SLB	2.20	Brown	70	White	400	Custom	201003410
Snapeg	Supertif ND SLB	2.20	Brown	80	White	400	Standard	101028393
Snapeg	Supertif NDH Conic	3.10	Grey	60	White	400	Standard	101022798
Snapeg	Supertif ND Conic	3.85	Black	40	White	400	Custom	101041964
Snapeg	Supertif ND Conic	3.85	Black	50	White	400	Standard	101041968
Snapeg	Supertif ND Conic	3.85	Black	60	White	400	Standard	101041972
Snapeg	Supertif ND Conic	3.85	Black	70	White	400	Custom	101039023
Snapeg	Supertif ND Conic	3.85	Black	80	White	400	Standard	101040449
Snapeg	Supertif ND Conic	8.00	Green	40	White	400	Custom	101041982
Snapeg	Supertif ND Conic	8.00	Green	50	White	400	Custom	101041986
Snapeg	Supertif ND Conic	8.00	Green	60	White	400	Custom	101041990
Snapeg	Supertif ND Conic	8.00	Green	70	White	400	Custom	101041994
Snapeg	Supertif ND Conic	8.00	Green	80	White	400	Custom	101041998

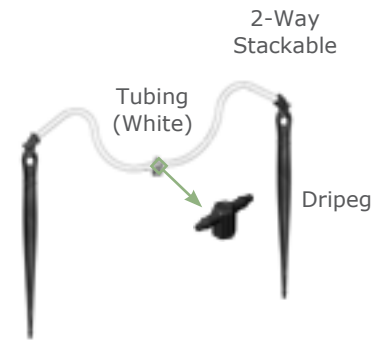


1. Dripeg

Multi Outlet Adapter

Single Peg Assemblies - Without Dripper

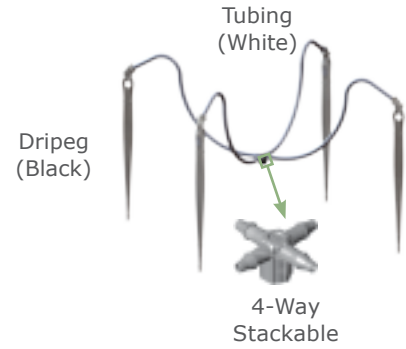
Image	Peg	Tube (cm)	Tube Color	Minimum Qty.	Order Status	Item Number
1	DriPeg stand alone	60	Black	1,000	Custom	101010380



2 way + 3x5 tube + DriPeg

Purchasing Information
2-Way Peg Assemblies
 Requires separate purchase of an online dripper.

2-Way Peg Assemblies - Without Dripper							
Image	Peg	Description	Tube (cm)	Tube Color	Minimum Qty.	Order Status	Item Number
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Dripeg	40	Black	200	Custom	101003265
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Dripeg	50	Black	200	Custom	101003266
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Dripeg	60	Black	200	Custom	101003267
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Dripeg	70	Black	200	Custom	101003295
	Dripeg	2-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Dripeg	80	Black	200	Custom	101028503
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 40 cm, Black Dripeg	40	White	400	Custom	101041695
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Dripeg	50	White	400	Custom	101041697
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Dripeg	60	White	400	Custom	101041701
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Dripeg	70	White	400	Custom	101041703
	Dripeg	2-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Dripeg	80	White	400	Custom	101041706
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Polytif	40	Black	400	Custom	101041694
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Polytif	50	Black	200	Custom	101003273
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Polytif	60	Black	400	Custom	101041700
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Polytif	70	Black	200	Custom	101003283
	Polytif	2-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Polytif	80	Black	400	Custom	101041705
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Polytif	50	White	400	Custom	101041698
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Polytif	60	White	400	Custom	101041702
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Polytif	70	White	400	Custom	101041704
	Polytif	2-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Polytif	80	White	400	Custom	101041707






4 way + 3x5 tube + DriPeg

Purchasing Information 4-Way Peg Assemblies

Requires separate purchase of an online dripper

4-Way Peg Assemblies - Without Dripper

Image	Peg	Description	Tube (cm)	Tube Color	Min. Qty.	Order Status	Item Number
1	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Dripeg	40	Black	200	Custom	101003262
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Dripeg	50	Black	200	Custom	101003254
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Dripeg	60	Black	200	Standard	101003253
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Dripeg	70	Black	200	Custom	101003252
	Dripeg	4-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Dripeg	80	Black	200	Custom	101011679
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 40 cm, Black Dripeg	40	White	200	Custom	101041739
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Dripeg	50	White	200	Custom	101041741
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Dripeg	60	White	200	Custom	101041748
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Dripeg	70	White	200	Custom	101041712
	Dripeg	4-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Dripeg	80	White	200	Custom	101041731
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 40 cm, Black Polytif	40	Black	200	Custom	101028479
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 50 cm, Black Polytif	50	Black	400	Custom	101003248
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 60 cm, Black Polytif	60	Black	400	Custom	101003250
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 70 cm, Black Polytif	70	Black	400	Custom	201003420
	Polytif	4-Way barbed, Black Soft PE 3X5 mm - 80 cm, Black Polytif	80	Black	200	Custom	101028485
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 40 cm, Black Polytif	40	White	200	Custom	101041740
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 50 cm, Black Polytif	50	White	200	Custom	101041708
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 60 cm, Black Polytif	60	White	200	Custom	101041749
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 70 cm, Black Polytif	70	White	200	Custom	101041730
	Polytif	4-Way barbed, White Soft PE 3X5 mm - 80 cm, Black Polytif	80	White	200	Custom	101041732

Dripper Accessories				
Image	Description	Minimum Qty.	Order Status	Item Number
	Single barbed Angled Adapter - For 3 x 5 Micro Tubing	500	Standard	201000237
	Single Threaded Adapter - For 3 x 5 Micro Tubing	500	Standard	201000073
	2-Way barbed Adapter - For 3 x 5 Micro Tubing	500	Standard	101003301
	2-Way Threaded Adapter - For 3 x 5 Micro Tubing	500	Standard	201000246
	4-Way barbed Adapter - For 3 x 5 Micro Tubing	500	Standard	101003302
	4-Way Threaded Adapter - For 3 x 5 Micro Tubing	500	Standard	201000074
	Multi Outlet Adapter	500	Standard	201000072
	Start Connector (for 3 x 5 Tubing)	500	Standard	101003297
	Connector from Dripper to PE Tubing	500	Custom	101003298
	Plug - 2 mm, Violet (Supertif)	500	Standard	101003314
	Plug - 2.8 mm, Red (Katif)	500	Standard	101003311
	Plug - 6 mm, Black	500	Custom	101003312
	Plug - 8 mm, Black	500	Custom	101003313

Dripper Accessories				
Image	Description	Minimum Qty.	Order Status	Item Number
	Dripeg (Flow Equalizing) - Black	1,200	Standard	101003308
	Gray dripeg	1,200	Standard	201000248
	Polytif (Flow Equalizing) - Black	1,200	Standard	201000076
	Snapeg - Black	1,200	Standard	201000075
	Snapeg - Grey	1,200	Standard	201000247
	Barpeg - Black	1,200	Standard	101003309
	Barpeg - Gray	1,200	Standard	101008233

Note: Rivulis drippers assemblies solutions are recommended to be used with Rivulis standard accessories.

Dripeg and Polytif - Black, Snapeg and Barpeg - Gray.

Supertif Flow Regulated Dripper

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

Product	Nominal Flow Rate	Outlet Color*	Hose Size		Spacing Between Drippers (cm)					
			ID	OD	30	50	60	75	100	150
	(lph)		(mm)	(mm)	(m)					
Supertif ND	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 ND	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 ND	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 ND	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

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

Product	Nominal Flow Rate	Outlet Color*	Hose Size		Spacing Between Drippers (cm)					
			ID	OD	30	50	60	75	100	150
	(lph)		(mm)	(mm)	(m)					
Supertif NDH	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 NDH	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 NDH	8.0	Green	9.8	12	16	26	29	35	44	59
			13.6	16	32	49	56	67	82	110
			15.2	17.8	42	61	70	83	101	134
			17.4	20	56	81	92	108	131	173
Supertif NDH	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

Drip Lines



Drip Line Quick Reference Guide

	D1000	D2000	Hydrogol	Hydro-PC	Hydro-PCND	D5000	D5000 SD
Dripper Type	Flat	Flat	Cylindrical	Cylindrical	Cylindrical	Flat	Flat
Flow Regulating				✓	✓	✓	✓
No Drain/ Slow Drain					✓ (ND)		✓ (SD)
Flow Rates (lph)	1.0, 1.5	1.0, 1.5, 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	0.65, 1.0, 1.5, 2.0
Drip Line Diameter (mm)	16, 22	16, 20	12, 16, 20	12, 16, 17, 20	12, 16, 17, 20	16, 17, 20, 22, 23	16, 17, 20, 23
Drip Line Wall Thickness (mil)	6.0, 8.0	30, 35, 40	35, 40, 45	35, 40, 45, 47		From 15 to 47 mil	From 18 to 47 mil

Where to use:

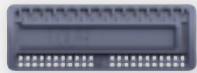
Orchards, vineyards, olives, nuts, stone fruit and other permanent horticulture applications. Hydrogol is also suitable for heap-leaching mining applications

How to use:

- On-surface
- Hanging/suspended
- Sub-surface

Use with:

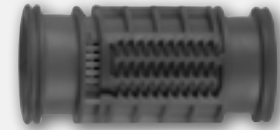
Check out the Drip Line Fittings section for a full list of fittings specifically designed for use with our products.



D1000



D2000



Hydrogol



HydroPC



HydroPCND



D5000 ST / D5000 SD

Flow regulated PC, PCND, SD: Quick Guide

PC	
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	
What does it do:	In addition to flow regulating, 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
SD	
What does it do:	This dripper limits suck-back at shut-off to help prevent particle ingestion back into the dripper
Where to use:	Sub-surface and where there is high risk of particle ingestion at system shut-off and on surface with sandy soil

D1000 Drip Line

D1000 Thin Wall Drip Line With ActiveFlex™ Technology

The D1000 Drip Line with ActiveFlex™ technology offers the agriculture industry’s most advanced thin wall drip line. Driven by Rivulis Irrigation’s extensive knowledge of and experience in developing and manufacturing the world’s best drip tapes and drip lines, the D1000 Drip Line with the ActiveFlex™ technology combines the best of both types of drip product technologies into this next generation product. Like drip tape, the D1000 Drip Line is manufactured with thin walls (6 and 8 mil) and has a slit outlet that is ideal for subsurface applications.

Because the D1000 Drip Line utilizes a molded dripper, it produces very accurate flow rates and good plug resistance. With all its features, the D1000 Drip Line with ActiveFlex™ technology delivers enhanced performance in your field.



Technical Data D1000		
Operating pressure:		0.8 bar
Pressure (for flow rate calculation):		1.0 bar
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1.0	100	150
> 1.5	130	120
Purchasing Information D1000 Drip Line		
Fittings: Pro-Grip Connectors		
D1000 is a made to order product. Contact Customer Service for production lead times.		

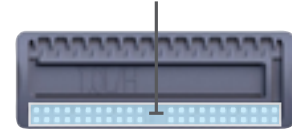
Container Quantities (rolls)				
Diameter/wall (mil)	Reel Length (m)	20'	40'	40' HC
16/6	3000	1,002,000	2,112,000	2,376,000
16/8	2500	835,000	1,760,000	1,980,000
22/8	1800	601,200	1,267,200	1,425,600

Rolls Per Pallet: 16

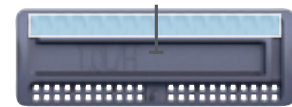
Diameter	Wall Thickness	Flow Rate	Spacing
16	6	1.0	15
22	8	1.5	20
			25
			30
			40

3 parallel functions design

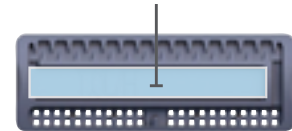
Inlet Filter Design
The large surface inlet filter in optimal square layout minimizes plugging.



Flow Path Design
The large cross section labyrinth and turbulent flows minimize plugging.



Large Outlet Pool
The large outlet pool provides the necessary space to have a slit outlet.



D1000 Drip Line Standard Product Offering (Standard - Green Strip)

Diameter		Wall Thickness	Flow Rate	Spacing	Maximum Operating Pressure	Roll Length	Av. Roll Weight	Item Number
(mil)	(mm)	(mil)	(l/h)	(cm)	(bar)	(m)	(kg)	
16	16.4	6	1.0	15	1.0	3000	28	101048415
16	16.4	6	1.0	20	1.0	3000	28	101048416
16	16.4	6	1.0	25	1.0	3000	28	101048417
16	16.4	6	1.0	30	1.0	3000	28	101048418
16	16.4	6	1.0	40	1.0	3000	28	101048419
16	16.4	6	1.5	20	1.0	3000	28	101048420
16	16.4	6	1.5	25	1.0	3000	28	101048421
16	16.4	6	1.5	30	1.0	3000	28	101048422
16	16.4	6	1.5	40	1.0	3000	28	101048423
16	16.4	8	1.0	15	1.2	2500	28	101048424
16	16.4	8	1.0	20	1.2	2500	28	WT13719
16	16.4	8	1.0	25	1.2	2500	28	101048425
16	16.4	8	1.0	30	1.2	2500	28	WT13720
16	16.4	8	1.0	40	1.2	2500	28	101048426
16	16.4	8	1.5	20	1.2	2500	28	101046262
16	16.4	8	1.5	25	1.2	2500	28	101048427
16	16.4	8	1.5	30	1.2	2500	28	101046279
16	16.4	8	1.5	40	1.2	2500	28	101048428
22	22.2	8	1.0	15	0.9	1800	25	101048429
22	22.2	8	1.0	20	0.9	1800	25	101046263
22	22.2	8	1.0	25	0.9	1800	25	101048430
22	22.2	8	1.0	30	0.9	1800	25	101046264
22	22.2	8	1.0	40	0.9	1800	25	101048431
22	22.2	8	1.5	20	0.9	1800	25	101048432
22	22.2	8	1.5	25	0.9	1800	25	101048433
22	22.2	8	1.5	30	0.9	1800	25	101047673
22	22.2	8	1.5	40	0.9	1800	25	101048434

Rolls Per Pallet: 16

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

D2000 Drip Line

Reliable and efficient performance

Features

- Large surface inlet filter
- Large cross sectional labyrinth
- Compact packages
- Manufactured from superior materials
- Easy manual or mechanized layout and retrieval
- Innovative hydraulic dripper design:
- low hydraulic coefficient of variation (CV) and exponent (x)

Benefits

- Significant reduction in clogging of dripper
- Significant clogging reduction for all flow rates
- Reduced transportation costs
- Suitable for varying water conditions and longer product life
- Easy to use and maintain
- Uniform application of water and nutrients



Roll Sizes and Weights		
Diameter/wall (mil)	Length (m)	Av. Weight (kg)
16/30	600	21.7
16/35	500	21.3
16/40	400	19.2
20/40	450	28.0



D2000 Drip Line

Diameter/wall (mil)	Tautliner (13.7 m)	Container Quantities (rolls)		
		20'	40'	40' HC
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)
20/40	548 rolls	240 rolls	480 rolls	480 rolls

Diameter	Wall Thickness	Flow Rate	Spacing
16	30	1.0	20
20	35	1.5	25
	40	2.0	30
		4.0	40
			50
			60
			75
			100

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
16/30/1.0	71	94	115	134	151	175	211	81	108	132	152	173	201	243
16/30/2.0	45	60	73	85	96	111	134	51	69	84	98	110	128	153
16/30/4.0	29	38	46	54	61	71	86	33	44	54	62	70	82	99
16/35/1.0	69	92	112	130	147	170	206	79	105	128	150	169	196	236
16/35/1.5	54	71	87	101	115	133	160	61	82	100	116	131	152	184
16/35/2.0	45	60	74	86	97	112	135	52	69	84	98	111	128	155
16/35/4.0	29	38	47	55	62	72	87	33	44	54	63	71	83	100
16/40/1.0	70	94	114	133	150	174	210	81	106	131	152	172	200	242
16/40/2.0	46	61	74	87	98	113	137	52	70	85	100	112	131	157
16/40/4.0	29	39	48	56	62	73	88	33	45	54	64	72	83	101
20/40/1.0	106	141	171	198	224	259	312	121	161	196	227	257	297	353

D2000 Drip Line

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
≤ 1.0	100
> 1.0	130
Mesh	
≤ 1.0	150
> 1.0	120
Purchasing Information D2000 16 mm/ 30 mil	
D2000 is a made to order product. Contact Customer Service for production lead times.	



D2000 Drip Line

D2000 Drip Line - 16 mm / 30 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	30	1.0	20	600	33,600	Custom	101047695
16	Black	30	1.0	25	600	33,600	Custom	101047696
16	Black	30	1.0	30	600	33,600	Custom	WT15350
16	Black	30	1.0	40	600	33,600	Custom	101046049
16	Black	30	1.0	50	600	33,600	Custom	101046050
16	Black	30	1.0	60	600	33,600	Custom	101046051
16	Black	30	2.0	20	600	33,600	Custom	WT13215
16	Black	30	2.0	25	600	33,600	Custom	WT13216
16	Black	30	2.0	30	600	33,600	Custom	WT13217
16	Black	30	2.0	40	600	33,600	Custom	101046052
16	Black	30	2.0	50	600	33,600	Custom	101046053
16	Black	30	2.0	60	600	33,600	Custom	101046054
16	Black	30	2.0	75	600	33,600	Custom	WT13219
16	Black	30	2.0	100	600	33,600	Custom	WT13220
16	Black	30	4.0	20	600	33,600	Custom	101048563
16	Black	30	4.0	25	600	33,600	Custom	101048221
16	Black	30	4.0	30	600	33,600	Custom	WT13221
16	Black	30	4.0	40	600	33,600	Custom	WT13223
16	Black	30	4.0	50	600	33,600	Custom	WT13224
16	Black	30	4.0	60	600	33,600	Custom	WT13225
16	Black	30	4.0	75	600	33,600	Custom	WT13226
16	Black	30	4.0	100	600	33,600	Custom	WT13227

D2000 Drip Line - 16 mm / 35 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	35	1.0	20	500	28,000	Custom	WT15319
16	Black	35	1.0	25	500	28,000	Custom	101047697
16	Black	35	1.0	30	500	28,000	Custom	WT15320
16	Black	35	1.0	40	500	28,000	Custom	WT14847
16	Black	35	1.0	50	500	28,000	Custom	101047698
16	Black	35	1.0	60	500	28,000	Custom	101047699
16	Black	35	1.0	100	500	28,000	Custom	WT14946
16	Black	35	1.5	20	500	28,000	Custom	
16	Black	35	1.5	25	500	28,000	Custom	
16	Black	35	1.5	30	500	28,000	Custom	
16	Black	35	1.5	40	500	28,000	Custom	
16	Black	35	1.5	50	500	28,000	Custom	
16	Black	35	1.5	60	500	28,000	Custom	
16	Black	35	1.5	100	500	28,000	Custom	
16	Black	35	2.0	20	500	28,000	Custom	WT10276
16	Black	35	2.0	25	500	28,000	Custom	WT10277
16	Black	35	2.0	30	500	28,000	Standard	WT10278
16	Black	35	2.0	40	500	28,000	Custom	WT10280
16	Black	35	2.0	50	500	28,000	Standard	WT10281
16	Black	35	2.0	60	500	28,000	Custom	WT10282
16	Black	35	2.0	75	500	28,000	Custom	WT10283
16	Black	35	2.0	100	500	28,000	Custom	WT10284
16	Black	35	4.0	20	500	28,000	Custom	WT14808
16	Black	35	4.0	25	500	28,000	Custom	WT14945
16	Black	35	4.0	30	500	28,000	Standard	WT10285
16	Black	35	4.0	40	500	28,000	Standard	WT10286
16	Black	35	4.0	50	500	28,000	Custom	WT10287
16	Black	35	4.0	60	500	28,000	Custom	WT15285
16	Black	35	4.0	75	500	28,000	Custom	WT10288
16	Black	35	4.0	100	500	28,000	Custom	WT10289

D2000 Drip Line - 16 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	1.0	20	400	22,400	Custom	101047700
16	Black	40	1.0	25	400	22,400	Custom	101047701
16	Black	40	1.0	30	400	22,400	Custom	WT15173
16	Black	40	1.0	40	400	22,400	Custom	101047702
16	Black	40	1.0	50	400	22,400	Custom	101047703
16	Black	40	1.0	60	400	22,400	Custom	101047704
16	Black	40	2.0	20	400	22,400	Custom	101045009
16	Black	40	2.0	25	400	22,400	Custom	WT10290
16	Black	40	2.0	30	400	22,400	Custom	WT10291
16	Black	40	2.0	40	400	22,400	Custom	101047679
16	Black	40	2.0	50	400	22,400	Custom	WT10292
16	Black	40	2.0	60	400	22,400	Custom	101047705
16	Black	40	2.0	75	400	22,400	Custom	WT10293
16	Black	40	2.0	100	400	22,400	Custom	WT10294
16	Black	40	4.0	30	400	22,400	Custom	WT10295
16	Black	40	4.0	40	400	22,400	Custom	WT15260
16	Black	40	4.0	50	400	22,400	Custom	WT10296
16	Black	40	4.0	60	400	22,400	Custom	101047706
16	Black	40	4.0	75	400	22,400	Custom	WT10297
16	Black	40	4.0	100	400	22,400	Custom	WT10298



D5000 Flow Regulated Drip Line

Product Information

Standard Dripper

- Flat, flow regulated drippers which are ideal for slopping terrains and long lateral lengths applications.

- Nominal diameters: 16, 17, 20, 22, 23 mm

- Wall thickness:

- Standard: 15-47 mil

- Nominal flow rates: 0.65, 1.0, 1.5, 2.0 l/h

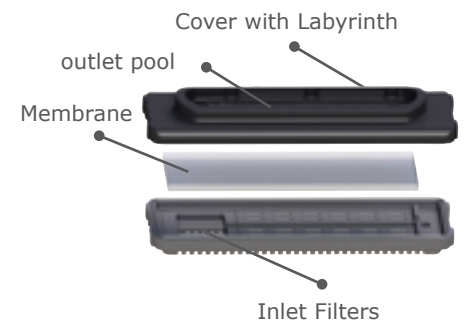
Standard dripper spacings: 15 (0.65 and 1.0 lph drippers only), 20, 30, 40, 50, 60, 75 and 100 cm.

Outlet: 15 mil wall thickness - Slit

Above 15 mil - Hole



Technical Data D5000	
Operating pressure range:	0.5-3.5 bar



Rivulis D5000 - Technical data

Product		Inside diameter (mm)	Outside diameter (mm)	Wall thickness		Max. Operating pressure (bar)	Reel length (m)
(mm)	(mil)			(mil)	(mm)		
16	15	16.4	17.16	15	0.38	2.2	800
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 SD Flow Regulated Drip Line

Product Information

Slow Drain Dripper (SD)

Flat, slow draining, flow regulated drippers which are ideal for subsurface and sandy soil applications.

Nominal diameters: 16, 17, 20, 22, 23 mm

Wall thickness:

Standard: 18-47 mil

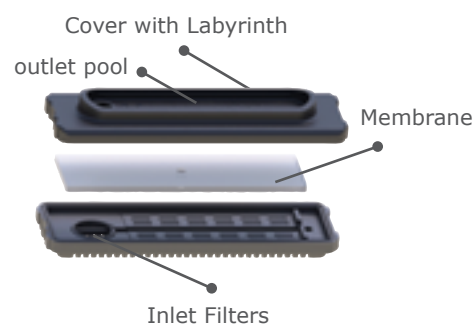
Nominal flow rates: 0.65, 1.0, 1.5, 2.0 l/h

Standard dripper spacings: 15 (0.65 and 1.0 lph dripper only), 20, 30, 40, 50, 60, 75 and 100 cm.

Outlet: Hole



Technical Data D5000	
Operating pressure range:	0.5-3.5 bar



Rivulis D5000 SD - 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

D5000 Flow Regulated Drip Line

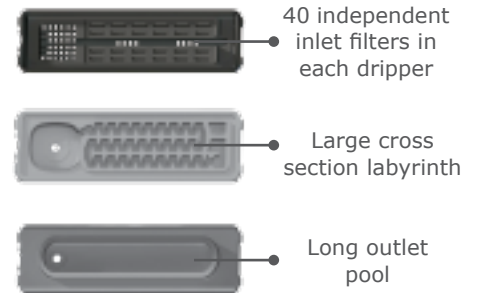
Universal flat dripper

- Engineered to resist clogging
- Multiple inlet filters and large cross sectional labyrinth
- Highly accurate flow regulation
- Ideal choice for long runs or sloping terrain
- Ideal thin-walled drip line choice



Outlet Style	
Wall Thickness	Outlet
15	Slit
18-47	Hole

Roll Information			
Diameter	Length	Weight	Package
(mil)	(m)	(kg)	#
16/15	800	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



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

Purchasing Information Hydro PCND 16		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	10

D5000 Flow Regulated Drip Line

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

Applications D5000 (15-25 mil)
Vegetable crops
Row crops
Cotton
Industrial tomatoes
Sugar cane
Young orchards
Installation D5000 (15-25 mil)
Surface
Under plastic mulch
Subsurface

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)

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

Applications D5000 (30-47 mil)
Orchards
Vineyards
Olive Groves
Nurseries
Permanent horticulture
Landscape
Installation D5000 (30-47 mil)
Surface
Under plastic mulch
Subsurface
Hanging

Fitting Reference Chart			
Diameter	Wall Thickness	Fitting Family	Fitting Size
(mm)	(mil)		
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

Rivulis D5000 / Rivulis D5000 SD - Maximum Recommended Run lengths (meters, flat terrain, Calculated at maximum operating pressure)

Diameter	Wall thickness	Flow rate	Spacing between Drippers (cm)							
			15	20	30	40	50	60	75	100
(mm)	(mil)	(l/h)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(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

D5000 Flow Regulated Drip Line

Technical Data D5000 16 mm		
Maximum operating pressure: 15 mil	2.2 bar	
Maximum operating pressure: 30 mil	2.5 bar	
Maximum operating pressure: 35 mil	3.0 bar	
Maximum operating pressure: 40 mil	3.5 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



D5000 Flow Regulated Drip Line

D5000 Drip Line - 16 mm / 15 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	15	0.65	15	800	40,000	Custom	
16	Black	15	0.65	20	800	40,000	Custom	
16	Black	15	0.65	25	800	40,000	Custom	
16	Black	15	0.65	30	800	40,000	Custom	
16	Black	15	0.65	40	800	40,000	Custom	
16	Black	15	0.65	50	800	40,000	Custom	
16	Black	15	0.65	60	800	40,000	Custom	
16	Black	15	1.00	15	800	40,000	Custom	101038935
16	Black	15	1.00	20	800	40,000	Custom	101038936
16	Black	15	1.00	25	800	40,000	Custom	WT15696
16	Black	15	1.00	30	800	40,000	Custom	101028210
16	Black	15	1.00	40	800	40,000	Custom	101028212
16	Black	15	1.00	50	800	40,000	Custom	101028937
16	Black	15	1.00	60	800	40,000	Custom	101042504
16	Black	15	1.50	15	800	40,000	Custom	101038957
16	Black	15	1.50	20	800	40,000	Custom	101038958
16	Black	15	1.50	25	800	40,000	Custom	
16	Black	15	1.50	30	800	40,000	Custom	
16	Black	15	1.50	40	800	40,000	Custom	101038960
16	Black	15	1.50	50	800	40,000	Custom	101038420
16	Black	15	1.50	60	800	40,000	Custom	
16	Black	15	2.0	20	800	25,600	Custom	101038940
16	Black	15	2.0	30	800	25,600	Custom	101038941
16	Black	15	2.0	40	800	25,600	Custom	101038942
16	Black	15	2.0	50	800	25,600	Custom	101038347
16	Black	15	2.0	60	800	25,600	Custom	101045027
16	Black	15	2.0	75	800	25,600	Custom	101045028
16	Black	15	2.0	100	800	25,600	Custom	101045029
16	Black	15	3.5	30	800	25,600	Custom	WT15868

D5000 Flow Regulated Drip Line



D5000 Drip Line - 16 mm / 30 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	30	1.0	15	600	16,800	Custom	101038676
16	Black	30	1.0	20	600	16,800	Custom	101038677
16	Black	30	1.0	30	600	16,800	Custom	101028223
16	Black	30	1.0	40	600	16,800	Custom	101038678
16	Black	30	1.0	50	600	16,800	Custom	101038679
16	Black	30	1.0	60	600	16,800	Custom	101045030
16	Black	30	1.0	75	600	16,800	Custom	101045031
16	Black	30	1.5	15	600	16,800	Custom	101038680
16	Black	30	1.5	20	600	16,800	Custom	101038681
16	Black	30	1.5	30	600	16,800	Custom	101038682
16	Black	30	1.5	40	600	16,800	Custom	101038683
16	Black	30	1.5	50	600	16,800	Custom	101038684
16	Black	30	1.5	60	600	16,800	Custom	101039014
16	Black	30	1.5	75	600	16,800	Custom	101038667
16	Black	30	1.5	100	600	16,800	Custom	101045032
16	Black	30	2.0	20	600	16,800	Custom	101038686
16	Black	30	2.0	30	600	16,800	Custom	101038687
16	Black	30	2.0	40	600	16,800	Custom	101038688
16	Black	30	2.0	50	600	16,800	Custom	101038689
16	Black	30	2.0	60	600	16,800	Custom	101045033
16	Black	30	2.0	75	600	16,800	Custom	101044389
16	Black	30	2.0	100	600	16,800	Custom	101045034

D5000 Flow Regulated Drip Line



D5000 Drip Line - 16 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	35	1.0	15	500	28,000	Custom	101038645
16	Black	35	1.0	20	500	28,000	Custom	101028220
16	Black	35	1.0	25	500	28,000	Custom	101047778
16	Black	35	1.0	30	500	28,000	Custom	101038690
16	Black	35	1.0	40	500	28,000	Custom	101038691
16	Black	35	1.0	50	500	28,000	Custom	101038692
16	Black	35	1.0	60	500	28,000	Custom	101039293
16	Black	35	1.0	75	500	28,000	Custom	101039294
16	Black	35	1.0	100	500	28,000	Custom	WT12541
16	Black	35	1.5	15	500	28,000	Custom	101038693
16	Black	35	1.5	20	500	28,000	Custom	101038694
16	Black	35	1.5	25	500	28,000	Custom	101046132
16	Black	35	1.5	30	500	28,000	Standard	101038130
16	Black	35	1.5	40	500	28,000	Custom	101038695
16	Black	35	1.5	50	500	28,000	Standard	101038131
16	Black	35	1.5	60	500	28,000	Custom	101045035
16	Black	35	1.5	75	500	28,000	Custom	101045036
16	Black	35	1.5	100	500	28,000	Standard	101045037
16	Black	35	2.0	20	500	28,000	Custom	101038697
16	Black	35	2.0	30	500	28,000	Custom	101038698
16	Black	35	2.0	40	500	28,000	Custom	101038699
16	Black	35	2.0	50	500	28,000	Standard	101038700
16	Black	35	2.0	60	500	28,000	Standard	101045038
16	Black	35	2.0	75	500	28,000	Standard	101045039
16	Black	35	2.0	100	500	28,000	Custom	101045040
16	Black	35	3.5	25	500	28,000	Custom	101048669
16	Black	35	3.5	40	500	28,000	Custom	101048668

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 16 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	35	1.0	0.2	500	30000	Custom	
16	Black	35	1.0	0.3	500	30000	Custom	
16	Black	35	1.0	0.4	500	30000	Custom	
16	Black	35	1.0	0.5	500	30000	Custom	101049594
16	Black	35	1.0	0.6	500	30000	Custom	
16	Black	35	1.0	0.75	500	30000	Custom	
16	Black	35	1.0	1.00	500	30000	Custom	
16	Black	35	1.5	0.2	500	30000	Custom	
16	Black	35	1.5	0.3	500	30000	Custom	101049638
16	Black	35	1.5	0.4	500	30000	Custom	
16	Black	35	1.5	0.5	500	30000	Custom	
16	Black	35	1.5	0.5	500	30000	Custom	
16	Black	35	1.5	0.6	500	30000	Custom	101049146
16	Black	35	1.5	0.75	500	30000	Custom	
16	Black	35	1.5	1.00	500	30000	Custom	101049795
16	Black	35	2.0	0.2	500	30000	Custom	
16	Black	35	2.0	0.3	500	30000	Custom	
16	Black	35	2.0	0.4	500	30000	Custom	101049111
16	Black	35	2.0	0.5	500	30000	Custom	101049112
16	Black	35	2.0	0.6	500	30000	Custom	101049187
16	Black	35	2.0	0.75	500	30000	Custom	
16	Black	35	2.0	1.00	500	30000	Custom	

D5000 Flow Regulated Drip Line

D5000 Drip Line - 16 mm / 40 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	1.0	15	400	22,400	Custom	101038701
16	Black	40	1.0	20	400	22,400	Custom	101022165
16	Black	40	1.0	25	400	22,400	Custom	101047768
16	Black	40	1.0	30	400	22,400	Custom	101028205
16	Black	40	1.0	40	400	22,400	Custom	101028230
16	Black	40	1.0	50	400	22,400	Custom	101022164
16	Black	40	1.0	60	400	22,400	Custom	101040216
16	Black	40	1.0	75	400	22,400	Custom	101045047
16	Black	40	1.0	100	400	22,400	Custom	WT12542
16	Black	40	1.5	15	400	22,400	Custom	101038702
16	Black	40	1.5	20	400	11,200	Standard	101038703
16	Black	40	1.5	25	400	22,400	Custom	101047905
16	Black	40	1.5	30	400	11,200	Standard	101038704
16	Black	40	1.5	40	400	11,200	Standard	101038705
16	Black	40	1.5	50	400	11,200	Standard	101038706
16	Black	40	1.5	60	400	11,200	Standard	101045360
16	Black	40	1.5	75	400	11,200	Standard	101041945
16	Black	40	1.5	100	400	11,200	Standard	101045041
16	Black	40	2.0	20	400	22,400	Custom	101038708
16	Black	40	2.0	30	400	11,200	Standard	101038711
16	Black	40	2.0	40	400	11,200	Standard	101038709
16	Black	40	2.0	50	400	11,200	Standard	101038710
16	Black	40	2.0	60	400	11,200	Standard	101045042
16	Black	40	2.0	75	400	11,200	Standard	101045043
16	Black	40	2.0	100	400	11,200	Standard	101045044
16	Black	40	3.5	30	400	22,400	Custom	WT15275
16	Black	40	3.5	40	400	22,400	Custom	WT15276
16	Black	40	3.5	50	400	22,400	Custom	WT15278
16	Black	40	3.5	60	400	22,400	Custom	WT15279
16	Black	40	3.5	75	400	11,200	Standard	WT15280
16	Black	40	3.5	100	400	11,200	Standard	WT15281
16	Black	40	3.5	125	400	22,400	Custom	101046636
16	Black	40	3.5	150	400	22,400	Custom	WT15282

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 16 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	1.0	0.2	400	30000	Custom	101049639
16	Black	40	1.0	0.3	400	30000	Custom	101049211
16	Black	40	1.0	0.4	400	30000	Custom	101046238
16	Black	40	1.0	0.5	400	30000	Custom	101047560
16	Black	40	1.0	0.6	400	30000	Custom	
16	Black	40	1.0	0.75	400	30000	Custom	101049955
16	Black	40	1.0	1.00	400	30000	Custom	
16	Black	40	1.5	0.2	400	30000	Custom	WT15693
16	Black	40	1.5	0.3	400	30000	Custom	101049824
16	Black	40	1.5	0.4	400	30000	Custom	
16	Black	40	1.5	0.5	400	30000	Custom	101047955
16	Black	40	1.5	0.6	400	30000	Custom	
16	Black	40	1.5	0.75	400	30000	Custom	101049819
16	Black	40	1.5	1.00	400	30000	Custom	
16	Black	40	1.5	0.2	400	30000	Custom	
16	Black	40	2.0	0.3	400	30000	Custom	101049825
16	Black	40	2.0	0.4	400	30000	Custom	101049113
16	Black	40	2.0	0.5	400	30000	Custom	
16	Black	40	2.0	0.6	400	30000	Custom	101049115
16	Black	40	2.0	0.75	400	30000	Custom	101049116
16	Black	40	2.0	1	400	30000	Custom	101048296
16	Black	40	2.0	1.5	400	30000	Custom	101047741

D5000 Flow Regulated Drip Line - 17mm

Technical Data D5000 17 mm		
Maximum operating pressure: 18 mil		1.5 bar
Maximum operating pressure: 25 mil		2.0 bar
Maximum operating pressure: 35 mil		3.0 bar
Maximum operating pressure: 40 mil		3.0 bar
Maximum operating pressure: 45 mil		3.5 bar
Minimum pressure:		0.5 bar
I/h	Micron	Mesh
≤ 1.0	100	150
>1.0	130	120
Purchasing Information D5000 17 mm		
Rolls per pallet:		
45 mil	20	



D5000 Flow Regulated Drip Line

D5000 Drip Line - 17 mm / 18 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	18	1.0	15	1,100	30,800	Custom	101038712
17	Black	18	1.0	20	1,100	30,800	Custom	101038713
17	Black	18	1.0	30	1,100	30,800	Custom	101028225
17	Black	18	1.0	40	1,100	30,800	Custom	101038714
17	Black	18	1.0	50	1,100	30,800	Custom	101038715
17	Black	18	1.0	60	1,100	30,800	Custom	101045045
17	Black	18	1.0	75	1,100	30,800	Custom	101045046
17	Black	18	1.5	20	1,100	30,800	Custom	101038717
17	Black	18	1.5	30	1,100	30,800	Custom	101038718
17	Black	18	1.5	40	1,100	30,800	Custom	101038719
17	Black	18	1.5	50	1,100	30,800	Custom	101038720
17	Black	18	1.5	60	1,100	30,800	Custom	101045048
17	Black	18	1.5	75	1,100	30,800	Custom	101045049
17	Black	18	1.5	100	1,100	30,800	Custom	101045050
17	Black	18	2.0	20	1,100	30,800	Custom	101038722
17	Black	18	2.0	30	1,100	30,800	Custom	101038723
17	Black	18	2.0	40	1,100	30,800	Custom	101038724
17	Black	18	2.0	50	1,100	30,800	Custom	101038725
17	Black	18	2.0	60	1,100	30,800	Custom	101045051
17	Black	18	2.0	75	1,100	30,800	Custom	101045052
17	Black	18	2.0	100	1,100	30,800	Custom	101045053

D5000 Flow Regulated Drip Line

D5000 Drip Line SD - 17 mm / 18 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	18	1.0	0.2	1100	33000	Custom	
17	Black	18	1.0	0.3	1100	33000	Custom	101046306
17	Black	18	1.0	0.4	1100	33000	Custom	
17	Black	18	1.0	0.5	1100	33000	Custom	
17	Black	18	1.0	0.6	1100	33000	Custom	
17	Black	18	1.0	0.75	1100	33000	Custom	
17	Black	18	1.0	1.00	1100	33000	Custom	
17	Black	18	1.5	0.2	1100	33000	Custom	
17	Black	18	1.5	0.3	1100	33000	Custom	
17	Black	18	1.5	0.4	1100	33000	Custom	
17	Black	18	1.5	0.5	1100	33000	Custom	
17	Black	18	1.5	0.6	1100	33000	Custom	101048930
17	Black	18	1.5	0.75	1100	33000	Custom	
17	Black	18	1.5	1.00	1100	33000	Custom	
17	Black	18	2.0	0.2	1100	33000	Custom	
17	Black	18	2.0	0.3	1100	33000	Custom	
17	Black	18	2.0	0.4	1100	33000	Custom	
17	Black	18	2.0	0.5	1100	33000	Custom	
17	Black	18	2.0	0.5	1100	33000	Custom	
17	Black	18	2.0	0.6	1100	33000	Custom	
17	Black	18	2.0	0.75	1100	33000	Custom	
17	Black	18	2.0	1.00	1100	33000	Custom	

D5000 Flow Regulated Drip Line

D5000 Drip Line - 17 mm / 25 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	25	1.0	15	800	22,400	Custom	101038726
17	Black	25	1.0	20	800	22,400	Custom	101038727
17	Black	25	1.0	30	800	22,400	Custom	101028222
17	Black	25	1.0	40	800	22,400	Custom	101038728
17	Black	25	1.0	50	800	22,400	Custom	101038729
17	Black	25	1.0	60	800	22,400	Custom	101045054
17	Black	25	1.0	75	800	22,400	Custom	101045055
17	Black	25	1.5	20	800	22,400	Custom	101038731
17	Black	25	1.5	30	800	22,400	Custom	101038732
17	Black	25	1.5	40	800	22,400	Custom	101038733
17	Black	25	1.5	50	800	22,400	Custom	101038734
17	Black	25	1.5	60	800	22,400	Custom	101039223
17	Black	25	1.5	75	800	22,400	Custom	101045056
17	Black	25	1.5	100	800	22,400	Custom	101045057
17	Black	25	2.0	20	800	22,400	Custom	101038736
17	Black	25	2.0	30	800	22,400	Custom	101038737
17	Black	25	2.0	40	800	22,400	Custom	101038738
17	Black	25	2.0	50	800	22,400	Custom	101038739
17	Black	25	2.0	60	800	22,400	Custom	101045058
17	Black	25	2.0	75	800	22,400	Custom	101045059
17	Black	25	2.0	100	800	22,400	Custom	101045060

D5000 Flow Regulated Drip Line

D5000 Drip Line SD - 17 mm / 25 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	25	1.0	0.2	800	29600	Custom	
17	Black	25	1.0	0.3	800	29600	Custom	
17	Black	25	1.0	0.4	800	29600	Custom	
17	Black	25	1.0	0.5	800	29600	Custom	101046248
17	Black	25	1.0	0.6	800	29600	Custom	
17	Black	25	1.0	0.75	800	29600	Custom	
17	Black	25	1.0	1.00	800	29600	Custom	
17	Black	25	1.5	0.2	800	29600	Custom	
17	Black	25	1.5	0.3	800	29600	Custom	
17	Black	25	1.5	0.4	800	29600	Custom	
17	Black	25	1.5	0.5	800	29600	Custom	
17	Black	25	1.5	0.5	800	29600	Custom	
17	Black	25	1.5	0.6	800	29600	Custom	101048930
17	Black	25	1.5	0.75	800	29600	Custom	
17	Black	25	1.5	1.00	800	29600	Custom	
17	Black	25	2.0	0.2	800	29600	Custom	
17	Black	25	2.0	0.3	800	29600	Custom	
17	Black	25	2.0	0.4	800	29600	Custom	
17	Black	25	2.0	0.5	800	29600	Custom	
17	Black	25	2.0	0.6	800	29600	Custom	101049562
17	Black	25	2.0	0.75	800	29600	Custom	
17	Black	25	2.0	1.00	800	29600	Custom	

D5000 Flow Regulated Drip Line

D5000 Drip Line - 17 mm / 35 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	35	1.0	15	450	25,200	Custom	101038740
17	Black	35	1.0	20	450	25,200	Custom	101038741
17	Black	35	1.0	30	450	25,200	Custom	101038742
17	Black	35	1.0	40	450	25,200	Custom	101038743
17	Black	35	1.0	50	450	25,200	Custom	101038744
17	Black	35	1.0	60	450	25,200	Custom	101045061
17	Black	35	1.0	75	450	25,200	Custom	101045062
17	Black	35	1.5	20	450	25,200	Custom	101038746
17	Black	35	1.5	30	450	25,200	Custom	101038747
17	Black	35	1.5	40	450	25,200	Custom	101038748
17	Black	35	1.5	50	450	25,200	Custom	101038749
17	Black	35	1.5	60	450	25,200	Custom	101045063
17	Black	35	1.5	75	450	25,200	Custom	101045064
17	Black	35	1.5	100	450	25,200	Custom	101045069
17	Black	35	2.0	20	450	25,200	Custom	101038751
17	Black	35	2.0	30	450	25,200	Custom	101038752
17	Black	35	2.0	40	450	25,200	Custom	101038753
17	Black	35	2.0	50	450	25,200	Custom	101038754
17	Black	35	2.0	60	450	25,200	Custom	101045065
17	Black	35	2.0	75	450	25,200	Custom	101045066
17	Black	35	2.0	100	450	25,200	Custom	101045067

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 17 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	35	1.0	0.2	450	29250	Custom	
17	Black	35	1.0	0.3	450	29250	Custom	
17	Black	35	1.0	0.4	450	29250	Custom	
17	Black	35	1.0	0.5	450	29250	Custom	
17	Black	35	1.0	0.6	450	29250	Custom	
17	Black	35	1.0	0.75	450	29250	Custom	
17	Black	35	1.0	1.00	450	29250	Custom	
17	Black	35	1.5	0.2	450	29250	Custom	
17	Black	35	1.5	0.3	450	29250	Custom	
17	Black	35	1.5	0.4	450	29250	Custom	
17	Black	35	1.5	0.5	450	29250	Custom	
17	Black	35	1.5	0.6	450	29250	Custom	
17	Black	35	1.5	0.75	450	29250	Custom	
17	Black	35	1.5	1.00	450	29250	Custom	
17	Black	35	2.0	0.2	450	29250	Custom	
17	Black	35	2.0	0.3	450	29250	Custom	
17	Black	35	2.0	0.4	450	29250	Custom	
17	Black	35	2.0	0.5	450	29250	Custom	
17	Black	35	2.0	0.5	450	29250	Custom	
17	Black	35	2.0	0.6	450	29250	Custom	
17	Black	35	2.0	0.75	450	29250	Custom	
17	Black	35	2.0	1.00	450	29250	Custom	

D5000 Flow Regulated Drip Line

D5000 Drip Line - 17 mm / 40 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	40	1.0	15	450	25,200	Custom	101038755
17	Black	40	1.0	20	450	25,200	Custom	101038756
17	Black	40	1.0	30	450	25,200	Custom	101028203
17	Black	40	1.0	40	450	25,200	Custom	101038757
17	Black	40	1.0	50	450	25,200	Custom	101038758
17	Black	40	1.0	60	450	25,200	Custom	101040217
17	Black	40	1.0	75	450	25,200	Custom	101045068
17	Black	40	1.5	20	450	25,200	Custom	101038760
17	Black	40	1.5	30	450	25,200	Custom	101038761
17	Black	40	1.5	40	450	25,200	Custom	101038762
17	Black	40	1.5	50	450	25,200	Custom	101038763
17	Black	40	1.5	60	450	25,200	Custom	101045070
17	Black	40	1.5	75	450	25,200	Custom	101045071
17	Black	40	1.5	100	450	25,200	Custom	101045072
17	Black	40	2.0	20	450	25,200	Custom	101038765
17	Black	40	2.0	30	450	25,200	Custom	101038766
17	Black	40	2.0	40	450	25,200	Custom	101038767
17	Black	40	2.0	50	450	25,200	Custom	101038768
17	Black	40	2.0	60	450	25,200	Custom	101045073
17	Black	40	2.0	75	450	25,200	Custom	101045074
17	Black	40	2.0	100	450	25,200	Custom	101045075

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 17 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	40	1.0	0.2	450	29250	Custom	
17	Black	40	1.0	0.3	450	29250	Custom	
17	Black	40	1.0	0.4	450	29250	Custom	
17	Black	40	1.0	0.5	450	29250	Custom	
17	Black	40	1.0	0.6	450	29250	Custom	
17	Black	40	1.0	0.75	450	29250	Custom	
17	Black	40	1.0	1.00	450	29250	Custom	
17	Black	40	1.5	0.2	450	29250	Custom	
17	Black	40	1.5	0.3	450	29250	Custom	
17	Black	40	1.5	0.4	450	29250	Custom	
17	Black	40	1.5	0.5	450	29250	Custom	
17	Black	40	1.5	0.5	450	29250	Custom	
17	Black	40	1.5	0.6	450	29250	Custom	
17	Black	40	1.5	0.75	450	29250	Custom	
17	Black	40	1.5	1.00	450	29250	Custom	
17	Black	40	2.0	0.2	450	29250	Custom	
17	Black	40	2.0	0.3	450	29250	Custom	
17	Black	40	2.0	0.4	450	29250	Custom	
17	Black	40	2.0	0.5	450	29250	Custom	
17	Black	40	2.0	0.6	450	29250	Custom	
17	Black	40	2.0	0.75	450	29250	Custom	
17	Black	40	2.0	1.00	450	29250	Custom	

D5000 Flow Regulated Drip Line



D5000 Drip Line - 17 mm / 45 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	45	1.0	15	400	22,400	Custom	101038769
17	Black	45	1.0	20	400	22,400	Custom	101028229
17	Black	45	1.0	25	400	22,400	Custom	WT15417
17	Black	45	1.0	30	400	22,400	Custom	101038770
17	Black	45	1.0	40	400	22,400	Custom	101038771
17	Black	45	1.0	50	400	22,400	Custom	101038772
17	Black	45	1.0	60	400	22,400	Custom	101045076
17	Black	45	1.0	75	400	22,400	Custom	101045077
17	Black	45	1.5	20	400	22,400	Custom	101038774
17	Black	45	1.5	25	400	22,400	Custom	101047694
17	Black	45	1.5	30	400	22,400	Custom	101038775
17	Black	45	1.5	40	400	22,400	Custom	101038776
17	Black	45	1.5	50	400	22,400	Custom	101038777
17	Black	45	1.5	60	400	22,400	Custom	101045078
17	Black	45	1.5	75	400	22,400	Custom	101045083
17	Black	45	1.5	100	400	22,400	Custom	101045079
17	Black	45	2.0	20	400	22,400	Custom	101038779
17	Black	45	2.0	30	400	22,400	Custom	101038780
17	Black	45	2.0	40	400	22,400	Custom	101038781
17	Black	45	2.0	50	400	22,400	Custom	101038782
17	Black	45	2.0	60	400	22,400	Custom	101045080
17	Black	45	2.0	75	400	11,200	Standard	101045081
17	Black	45	2.0	100	400	22,400	Custom	101045082
17	Black	45	3.5	30	400	22,400	Custom	WT15650
17	Black	45	3.5	75	400	22,400	Custom	101046095
17	Black	45	3.5	100	400	22,400	Custom	WT15648

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 17 mm / 45 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	45	1.0	0.2	400	20000	Custom	
17	Black	45	1.0	0.3	400	20000	Custom	
17	Black	45	1.0	0.4	400	20000	Custom	
17	Black	45	1.0	0.5	400	20000	Custom	
17	Black	45	1.0	0.6	400	20000	Custom	
17	Black	45	1.0	0.75	400	20000	Custom	
17	Black	45	1.0	1.00	400	20000	Custom	
17	Black	45	1.5	0.2	400	20000	Custom	
17	Black	45	1.5	0.3	400	20000	Custom	
17	Black	45	1.5	0.4	400	20000	Custom	
17	Black	45	1.5	0.5	400	20000	Custom	
17	Black	45	1.5	0.5	400	20000	Custom	
17	Black	45	1.5	0.6	400	20000	Custom	
17	Black	45	1.5	0.75	400	20000	Custom	101049745
17	Black	45	1.5	1.00	400	20000	Custom	
17	Black	45	2.0	0.2	400	20000	Custom	
17	Black	45	2.0	0.3	400	20000	Custom	
17	Black	45	2.0	0.4	400	20000	Custom	
17	Black	45	2.0	0.5	400	20000	Custom	
17	Black	45	2.0	0.6	400	20000	Custom	
17	Black	45	2.0	0.75	400	20000	Custom	
17	Black	45	2.0	1.00	400	20000	Custom	

D5000 Flow Regulated Drip Line - 20mm

Technical Data D5000 20mm		
Maximum operating pressure: 25 mil		2.5 bar
Maximum operating pressure: 40 mil		3.5 bar
Maximum operating pressure: 45 mil		3.5 bar
Minimum pressure:		0.5 bar
I/h	Micron	Mesh
≤ 1.0	100	150
>1.0	130	120
Purchasing Information D5000 20mm		
Rolls per pallet:		
Rolls per pallet: 40 mil		20



D5000 Flow Regulated Drip Line

D5000 Drip Line - 20 mm / 40 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	40	1.0	15	350	19,600	Custom	101028208
20	Black	40	1.0	20	350	19,600	Custom	101028211
20	Black	40	1.0	30	350	19,600	Custom	101028206
20	Black	40	1.0	40	350	19,600	Custom	101028207
20	Black	40	1.0	50	350	19,600	Custom	101038841
20	Black	40	1.0	60	350	19,600	Custom	101040218
20	Black	40	1.0	75	350	19,600	Custom	101045092
20	Black	40	1.5	20	350	19,600	Custom	101038843
20	Black	40	1.5	30	350	19,600	Custom	101038844
20	Black	40	1.5	40	350	19,600	Custom	101038845
20	Black	40	1.5	50	350	9,800	Standard	101038846
20	Black	40	1.5	60	350	19,600	Custom	101045093
20	Black	40	1.5	75	350	19,600	Custom	101045094
20	Black	40	1.5	100	350	19,600	Custom	101045095
20	Black	40	2.0	20	350	19,600	Custom	101038848
20	Black	40	2.0	30	350	19,600	Custom	101038849
20	Black	40	2.0	40	350	19,600	Custom	101038850
20	Black	40	2.0	50	350	9,800	Standard	101038851
20	Black	40	2.0	60	350	19,600	Custom	101045096
20	Black	40	2.0	75	350	19,600	Custom	101045097
20	Black	40	2.0	100	350	9,800	Standard	101045098
20	Black	40	3.5	60	350	19,600	Custom	101047766
20	Black	40	3.5	75	350	19,600	Custom	101048492
20	Black	40	3.5	100	350	19,600	Custom	101048143

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 20 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	40	1.0	0.2	350	20300	Custom	
20	Black	40	1.0	0.3	350	20300	Custom	
20	Black	40	1.0	0.4	350	20300	Custom	
20	Black	40	1.0	0.5	350	20300	Custom	101048257
20	Black	40	1.0	0.6	350	20300	Custom	
20	Black	40	1.0	0.75	350	20300	Custom	
20	Black	40	1.0	1.00	350	20300	Custom	
20	Black	40	1.5	0.2	350	20300	Custom	101049641
20	Black	40	1.5	0.3	350	20300	Custom	
20	Black	40	1.5	0.4	350	20300	Custom	
20	Black	40	1.5	0.5	350	20300	Custom	101047559
20	Black	40	1.5	0.6	350	20300	Custom	
20	Black	40	1.5	0.75	350	20300	Custom	
20	Black	40	1.5	1.00	350	20300	Custom	
20	Black	40	2.0	0.2	350	20300	Custom	
20	Black	40	2.0	0.3	350	20300	Custom	
20	Black	40	2.0	0.4	350	20300	Custom	
20	Black	40	2.0	0.5	350	20300	Custom	101049799
20	Black	40	2.0	0.5	350	20300	Custom	
20	Black	40	2.0	0.6	350	20300	Custom	
20	Black	40	2.0	0.75	350	20300	Custom	101048491
20	Black	40	2.0	1.00	350	20300	Custom	

D5000 Flow Regulated Drip Line

D5000 Drip Line - 20 mm / 45 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	45	1.0	15	300	21,600	Custom	101038852
20	Black	45	1.0	20	300	21,600	Custom	101038853
20	Black	45	1.0	25	300	21,600	Custom	101042144
20	Black	45	1.0	30	300	21,600	Custom	101038854
20	Black	45	1.0	40	300	21,600	Custom	101038855
20	Black	45	1.0	50	300	21,600	Custom	101038856
20	Black	45	1.0	60	300	21,600	Custom	101045099
20	Black	45	1.0	75	300	21,600	Custom	101045100
20	Black	45	1.5	20	300	21,600	Custom	101038858
20	Black	45	1.5	30	300	21,600	Custom	101038859
20	Black	45	1.5	40	300	21,600	Custom	101038860
20	Black	45	1.5	50	300	21,600	Custom	101038861
20	Black	45	1.5	60	300	21,600	Custom	101045101
20	Black	45	1.5	75	300	21,600	Custom	101045102
20	Black	45	1.5	100	300	21,600	Custom	101045103
20	Black	45	2.0	20	300	21,600	Custom	101038863
20	Black	45	2.0	30	300	21,600	Custom	101038864
20	Black	45	2.0	40	300	21,600	Custom	101038349
20	Black	45	2.0	50	300	7,200	Standard	101038490
20	Black	45	2.0	60	300	21,600	Custom	101045104
20	Black	45	2.0	75	300	7,200	Standard	101045105
20	Black	45	2.0	100	300	21,600	Custom	101045106
20	Black	45	3.5	50	300	21,600	Custom	101045332
20	Black	45	3.5	100	300	21,600	Custom	101047777

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 20 mm / 45 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	45	1.0	0.2	300	19800	Custom	
20	Black	45	1.0	0.3	300	19800	Custom	101047878
20	Black	45	1.0	0.4	300	19800	Custom	
20	Black	45	1.0	0.5	300	19800	Custom	
20	Black	45	1.0	0.6	300	19800	Custom	
20	Black	45	1.0	0.75	300	19800	Custom	
20	Black	45	1.0	1.00	300	19800	Custom	
20	Black	45	1.5	0.2	300	19800	Custom	
20	Black	45	1.5	0.3	300	19800	Custom	
20	Black	45	1.5	0.4	300	19800	Custom	
20	Black	45	1.5	0.5	300	19800	Custom	101049653
20	Black	45	1.5	0.5	300	19800	Custom	
20	Black	45	1.5	0.6	300	19800	Custom	
20	Black	45	1.5	0.75	300	19800	Custom	
20	Black	45	1.5	1.00	300	19800	Custom	
20	Black	45	2.0	0.2	300	19800	Custom	
20	Black	45	2.0	0.3	300	19800	Custom	
20	Black	45	2.0	0.4	300	19800	Custom	101049117
20	Black	45	2.0	0.5	300	19800	Custom	101049118
20	Black	45	2.0	0.6	300	19800	Custom	101049119
20	Black	45	2.0	0.75	300	19800	Custom	101049120
20	Black	45	2.0	1.00	300	19800	Custom	101049121
21	Black	45	2.0	1.50	300	19800	Custom	101049122

D5000 Flow Regulated Drip Line

D5000 Drip Line - 20 mm / 47 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	47	1.0	15	300	21,600	Custom	101038865
20	Black	47	1.0	20	300	21,600	Custom	101038866
20	Black	47	1.0	25	300	21,600	Custom	101045630
20	Black	47	1.0	30	300	21,600	Custom	101028221
20	Black	47	1.0	40	300	21,600	Custom	101028227
20	Black	47	1.0	50	300	21,600	Custom	101038867
20	Black	47	1.0	60	300	21,600	Custom	101045107
20	Black	47	1.0	75	300	21,600	Custom	101045108
20	Black	47	1.5	20	300	21,600	Custom	101038869
20	Black	47	1.5	25	300	21,600	Custom	101040307
20	Black	47	1.5	30	300	21,600	Custom	101038870
20	Black	47	1.5	40	300	21,600	Custom	101038871
20	Black	47	1.5	50	300	21,600	Custom	101038872
20	Black	47	1.5	60	300	21,600	Custom	101045109
20	Black	47	1.5	75	300	21,600	Custom	101045110
20	Black	47	1.5	100	300	21,600	Custom	101045111
20	Black	47	2.0	20	300	21,600	Custom	101038874
20	Black	47	2.0	30	300	21,600	Custom	101038875
20	Black	47	2.0	40	300	21,600	Custom	101038876
20	Black	47	2.0	50	300	21,600	Custom	101038877
20	Black	47	2.0	60	300	21,600	Custom	101045112
20	Black	47	2.0	75	300	21,600	Custom	101045113
20	Black	47	2.0	100	300	21,600	Custom	101045114

D5000 Flow Regulated Drip Line



D5000 Drip Line SD - 20 mm / 47 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	47	1.0	0.2	300	19800	Custom	
20	Black	47	1.0	0.3	300	19800	Custom	101049202
20	Black	47	1.0	0.4	300	19800	Custom	
20	Black	47	1.0	0.5	300	19800	Custom	
20	Black	47	1.0	0.6	300	19800	Custom	
20	Black	47	1.0	0.75	300	19800	Custom	
20	Black	47	1.0	1.00	300	19800	Custom	
20	Black	47	1.5	0.2	300	19800	Custom	
20	Black	47	1.5	0.3	300	19800	Custom	
20	Black	47	1.5	0.4	300	19800	Custom	
20	Black	47	1.5	0.5	300	19800	Custom	
20	Black	47	1.5	0.5	300	19800	Custom	
20	Black	47	1.5	0.6	300	19800	Custom	
20	Black	47	1.5	0.75	300	19800	Custom	
20	Black	47	1.5	1.00	300	19800	Custom	
20	Black	47	2.0	0.2	300	19800	Custom	
20	Black	47	2.0	0.3	300	19800	Custom	
20	Black	47	2.0	0.4	300	19800	Custom	
20	Black	47	2.0	0.5	300	19800	Custom	
20	Black	47	2.0	0.6	300	19800	Custom	
20	Black	47	2.0	0.75	300	19800	Custom	
20	Black	47	2.0	1.00	300	19800	Custom	
20	Black	47	2.0	60	300	21,600	Custom	101045112
20	Black	47	2.0	75	300	21,600	Custom	101045113
20	Black	47	2.0	100	300	21,600	Custom	101045114

D5000 Flow Regulated Drip Line - 22 mm

Technical Data D5000 22 mm		
Maximum operating pressure: 15 mil		1.2 bar
Maximum operating pressure: 25 mil		2.0 bar
Minimum pressure:		0.5 bar
I/h	Micron	Mesh
≤ 1.0	100	150
>1.0	130	120
Purchasing Information D5000 22 mm		
Rolls per pallet: 15 mil		20
Rolls per pallet: 25 mil		20



D5000 Flow Regulated Drip Line

D5000 Drip Line - 22 mm / 15 mil

Diameter	Hose Color	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
22	Black	15	1.0	15	800	22,400	Custom	101028209
22	Black	15	1.0	20	800	22,400	Custom	101038944
22	Black	15	1.0	30	800	22,400	Custom	101028217
22	Black	15	1.0	40	800	22,400	Custom	101038945
22	Black	15	1.0	50	800	22,400	Custom	101038946
22	Black	15	1.5	20	800	22,400	Custom	101038948
22	Black	15	1.5	30	800	22,400	Custom	101038949
22	Black	15	1.5	40	800	22,400	Custom	101038950
22	Black	15	1.5	50	800	22,400	Custom	101038951
22	Black	15	2.0	20	800	22,400	Custom	101038953
22	Black	15	2.0	30	800	22,400	Custom	101038954
22	Black	15	2.0	40	800	22,400	Custom	101038955
22	Black	15	2.0	50	800	22,400	Custom	101038956

D5000 Flow Regulated Drip Line



D5000 Drip Line - 22 mm / 25 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
22	Black	25	1.0	15	500	28,000	Custom	101028204
22	Black	25	1.0	20	500	28,000	Custom	101038878
22	Black	25	1.0	30	500	28,000	Custom	101028218
22	Black	25	1.0	40	500	28,000	Custom	101038879
22	Black	25	1.0	50	500	28,000	Custom	101038880
22	Black	25	1.5	20	500	28,000	Custom	101038882
22	Black	25	1.5	30	500	28,000	Custom	101038883
22	Black	25	1.5	40	500	28,000	Custom	101038884
22	Black	25	1.5	50	500	28,000	Custom	101038885
22	Black	25	2.0	20	500	28,000	Custom	101038887
22	Black	25	2.0	30	500	28,000	Custom	101038888
22	Black	25	2.0	40	500	28,000	Custom	101038889
22	Black	25	2.0	50	500	28,000	Custom	101038890

D5000 Flow Regulated Drip Line - 23 mm

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
≤ 1.20	100	150
> 1.20	130	120
Purchasing Information D5000 22 mm		
Rolls per pallet:		
40 mil		12



D5000 Flow Regulated Drip Line

D5000 Drip Line - 23 mm / 40 mil

Diameter	Hose Color	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
23	Black	40	1.0	40	350	25 200	Custom	101038894
23	Black	40	1.5	50	350	25 200	Custom	101038900
23	Black	40	2.0	30	350	25 200	Custom	101038903
23	Black	40	2.0	40	350	25 200	Custom	101038904
23	Black	40	2.0	50	350	25 200	Custom	101038905
23	Black	40	2.0	60	350	25 200	Custom	101040221
23	Black	40	3.5	40	350	25 200	Custom	101047872

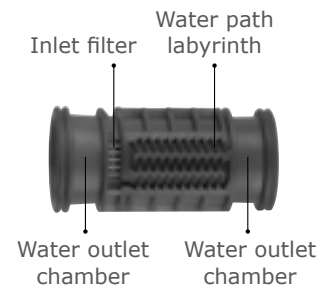
Hydrogol Drip Line

Labyrinth with Large cross section

- Two large surface inlet filters
- Multi-season, integral drip line
- Cylindrical dripper
- Turbulent water flow which minimizes the accumulation of residues.
- Two-orifice outlets and with spacings between drippers from 15 cm and up.



Diameter (mm)	+	Wall Thickness (mil)	+	Flow Rate (@ 1.0 bar) (l/h)	+	Spacing (cm)
12		25		1.00-2.00		15
16		35		1.00 - 1.60 - 2.00 - 4.00 - 8.00		20
20		40		1.20 - 2.00 - 4.00		30
		45				33
						40
						50
						60
						75
						100



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

Note: Available in brown, white, and purple.

Roll Sizes and Weights		
Diameter/wall (mil)	Length (m)	Av. Weight (kg)
12 mm	600	21
16 mm	400	22
20 mm	300	22

Hydrogol Drip Line – Maximum recommended drip line length (m) on flat terrain

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
			4.0	39	54	80	107	130
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

Hydrogol Drip Line

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	100	150
>1.20	130	120
Purchasing Information Hydrogol		
Hydrogol is a made to order product. Contact Customer Service for production lead times.		



Hydrogol - 12 mm



Hydrogol - 16 mm

Hydrogol Drip Line - 12 mm - 25 mil

Diameter	Hose (color)	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
12	Black	25	1.0	20	600	10,200	Custom	101024626
12	Black	25	1.0	30	600	10,200	Custom	101002344
12	Black	25	1.0	40	600	10,200	Custom	101012665
12	Black	25	1.0	50	600	10,200	Custom	101002383
12	Black	25	1.0	60	600	10,200	Custom	101012679
12	Black	25	2.0	30	600	10,200	Custom	101012666
12	Black	25	2.0	40	600	10,200	Custom	101012682
12	Black	25	2.0	50	600	10,200	Custom	101012670
12	Black	25	2.0	75	600	10,200	Custom	101012671
12	Black	25	2.0	60	600	10,200	Custom	101012675
12	Black	25	2.0	100	600	10,200	Custom	101012680

Note: Available in brown and green.

Hydrogol Drip Line - 12 mm - 35 and 40 mil

Diameter	Hose (color)	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
12	Black	35	1.0	15	600	10,200	Custom	101002381
12	Black	35	1.0	20	600	10,200	Custom	101002345
12	Black	35	1.0	25	600	10,200	Custom	101012667
12	Black	35	1.0	30	600	10,200	Custom	101002346
12	Black	35	1.0	40	600	10,200	Custom	101002347
12	Black	35	1.0	50	600	10,200	Custom	101002380
12	Black	35	1.0	60	600	10,200	Custom	101002348
12	Black	35	1.0	75	600	10,200	Custom	101002423
12	Black	35	1.0	100	600	10,200	Custom	101002425
12	Black	35	2.0	20	600	10,200	Custom	101002427
12	Black	35	2.0	30	600	10,200	Custom	101002349
12	Black	35	2.0	25	600	10,200	Custom	101012668
12	Black	35	2.0	40	600	10,200	Custom	101002350
12	Black	35	2.0	50	600	10,200	Custom	101002351
12	Black	35	2.0	60	600	10,200	Custom	101002382
12	Black	35	2.0	75	600	10,200	Custom	101002428
12	Black	35	2.0	100	600	10,200	Custom	101002353
12	Black	40	1.0	20	600	10,200	Custom	101024716
12	Black	40	1.0	30	600	10,200	Custom	101012672
12	Black	40	2.0	20	600	10,200	Custom	101024883
12	Black	40	2.0	30	600	10,200	Custom	101012673
12	Black	40	2.0	40	600	10,200	Custom	101012674
12	Black	40	2.0	50	600	10,200	Custom	101012683
12	Black	40	2.0	60	600	10,200	Custom	101024884

Note: Available in brown and green.

Hydrogol Drip Line - 16 mm / 35 mil								
Diameter	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
	(color)	(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	35	1.0	20	400	10,000	Custom	101008314
16	Black	35	1.0	25	400	10,000	Custom	101025045
16	Black	35	1.0	30	400	10,000	Custom	101002355
16	Black	35	1.0	40	400	10,000	Custom	101008315
16	Black	35	1.0	50	400	10,000	Custom	101008316
16	Black	35	1.0	60	400	10,000	Custom	101008317
16	Black	35	1.0	75	400	10,000	Custom	101008391
16	Black	35	1.0	100	400	10,000	Custom	101008406
16	Black	35	1.0	125	400	10,000	Custom	101008461
16	Black	35	1.0	150	400	10,000	Custom	101008422
16	Black	35	1.6	20	400	10,000	Custom	101024785
16	Black	35	1.6	25	400	10,000	Custom	101024823
16	Black	35	1.6	30	400	10,000	Custom	101008318
16	Black	35	1.6	40	400	10,000	Custom	101008320
16	Black	35	1.6	50	400	10,000	Custom	101002356
16	Black	35	1.6	60	400	10,000	Custom	101008371
16	Black	35	1.6	75	400	10,000	Custom	101008372
16	Black	35	1.6	100	400	10,000	Custom	101008356
16	Black	35	1.6	125	400	10,000	Custom	101008462
16	Black	35	1.6	150	400	10,000	Custom	101008426

Note: Available in white and purple.

Hydrogol Drip Line - 16 mm / 35 mil

Diameter	Hose (color)	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
16	Black	35	2.0	25	400	10,000	Custom	101013316
16	Black	35	2.0	30	400	10,000	Custom	101008321
16	Black	35	2.0	40	400	10,000	Custom	101008322
16	Black	35	2.0	50	400	10,000	Custom	101008358
16	Black	35	2.0	60	400	10,000	Custom	101002358
16	Black	35	2.0	75	400	10,000	Custom	101008359
16	Black	35	2.0	100	400	10,000	Custom	101008353
16	Black	35	2.0	125	400	10,000	Custom	101008463
16	Black	35	2.0	150	400	10,000	Custom	101008429
16	Black	35	4.0	20	400	10,000	Custom	101024704
16	Black	35	4.0	30	400	10,000	Custom	101008323
16	Black	35	4.0	40	400	10,000	Custom	101008354
16	Black	35	4.0	50	400	10,000	Custom	101008361
16	Black	35	4.0	60	400	10,000	Custom	101008362
16	Black	35	4.0	75	400	10,000	Custom	101008352
16	Black	35	4.0	100	400	10,000	Custom	101008324
16	Black	35	4.0	125	400	10,000	Custom	101008464
16	Black	35	4.0	150	400	10,000	Custom	101008432

Note: Available in white and purple.

Hydrogol Drip Line - 16 mm / 40 mil								
Diameter	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
	(color)	(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	1.0	20	400	10,000	Custom	101008326
16	Black	40	1.0	30	400	10,000	Custom	101002384
16	Black	40	1.0	40	400	10,000	Custom	101002359
16	Black	40	1.0	50	400	10,000	Custom	101002360
16	Black	40	1.0	60	400	10,000	Custom	101002361
16	Black	40	1.0	75	400	10,000	Custom	101002446
16	Black	40	1.0	100	400	10,000	Custom	101002411
16	Black	40	1.0	125	400	10,000	Custom	101008466
16	Black	40	1.0	150	400	10,000	Custom	101008423
16	Black	40	1.6	20	400	10,000	Custom	101024633
16	Black	40	1.6	30	400	10,000	Custom	101002362
16	Black	40	1.6	40	400	10,000	Custom	101002390
16	Black	40	1.6	50	400	10,000	Custom	101002388
16	Black	40	1.6	60	400	10,000	Custom	101002392
16	Black	40	1.6	75	400	10,000	Custom	101002393
16	Black	40	1.6	100	400	10,000	Custom	101002363
16	Black	40	1.6	125	400	10,000	Custom	101008467
16	Black	40	1.6	150	400	10,000	Custom	101002430

Note: Available in white and purple.

Hydrogol Drip Line - 16 mm / 40 mil

Diameter	Hose (color)	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
16	Black	40	2.0	20	400	10,000	Custom	101002364
16	Black	40	2.0	25	400	10,000	Custom	101008327
16	Black	40	2.0	30	400	10,000	Custom	101002365
16	Black	40	2.0	40	400	10,000	Custom	101002366
16	Black	40	2.0	50	400	10,000	Custom	101002367
16	Black	40	2.0	60	400	10,000	Custom	101002368
16	Black	40	2.0	75	400	10,000	Custom	101002369
16	Black	40	2.0	100	400	10,000	Custom	101002371
16	Black	40	2.0	125	400	10,000	Custom	101008468
16	Black	40	2.0	150	400	10,000	Custom	101002432
16	Black	40	2.0	30	100	9,600	Custom	101012860
16	Black	40	4.0	20	400	10,000	Custom	101002412
16	Black	40	4.0	25	400	10,000	Custom	101002385
16	Black	40	4.0	30	400	10,000	Custom	101002372
16	Black	40	4.0	40	400	10,000	Custom	101002373
16	Black	40	4.0	50	400	10,000	Custom	101002374
16	Black	40	4.0	60	400	10,000	Custom	101002375
16	Black	40	4.0	75	400	10,000	Custom	101008299
16	Black	40	4.0	100	400	10,000	Custom	101002376
16	Black	40	4.0	125	400	10,000	Custom	101008374
16	Black	40	4.0	150	400	10,000	Custom	101002391
16	Black	40	4.0	30	100	9,600	Custom	101012775
16	Black	40	4.0	50	100	9,600	Custom	101023205

Note: Available in white, and purple.

Hydrogol Drip Line - 16 mm / 45 mil								
Diameter	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
	(color)	(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	45	1.0	20	400	10,000	Custom	101008331
16	Black	45	1.0	30	400	10,000	Custom	101008332
16	Black	45	1.0	50	400	10,000	Custom	101024808
16	Black	45	1.6	20	400	10,000	Custom	101024642
16	Black	45	1.6	30	400	10,000	Custom	101024644
16	Black	45	1.6	33	400	10,000	Custom	101008333
16	Black	45	1.6	50	400	10,000	Custom	101008380
16	Black	45	1.6	75	400	10,000	Custom	101008416
16	Black	45	1.6	125	400	10,000	Custom	101008894
16	Black	45	2.0	20	400	10,000	Custom	101023025
16	Black	45	2.0	25	400	10,000	Custom	101023195
16	Black	45	2.0	30	400	10,000	Custom	101024645
16	Black	45	2.0	33	400	10,000	Custom	101008334
16	Black	45	2.0	40	400	10,000	Custom	101008335
16	Black	45	2.0	50	400	10,000	Custom	101008336
16	Black	45	2.0	60	400	10,000	Custom	101008349
16	Black	45	2.0	75	400	10,000	Custom	101008337
16	Black	45	2.0	100	400	10,000	Custom	101018344
16	Black	45	2.0	150	400	10,000	Custom	101008430

Note: Available in white and purple.

Hydrogol Drip Line - 16 mm / 45 mil

Diameter	Hose (color)	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
16	Black	45	2.0	50	100	9,600	Custom	101042580
16	Black	45	2.0	33	100	4,800	Standard	101024680
16	Black	45	2.0	33	50	30,000	Custom	101024681
16	Black	45	2.0	33	25	30,000	Custom	101024682
16	Black	45	4.0	30	400	10,000	Custom	101008364
16	Black	45	4.0	33	400	10,000	Custom	101024711
16	Black	45	4.0	40	400	10,000	Custom	101023004
16	Black	45	4.0	50	400	10,000	Custom	101008338
16	Black	45	4.0	60	400	10,000	Custom	101008397
16	Black	45	4.0	75	400	10,000	Custom	101008375
16	Black	45	4.0	100	400	10,000	Custom	101008339
16	Black	45	4.0	125	400	10,000	Custom	101008702
16	Black	45	4.0	33	100	9,600	Custom	101012781
16	Black	45	4.0	50	100	9,600	Custom	101042581

Note: Available in white and purple.

Hydrogol Drip Line - 20 mm / 40 mil								
Diameter	Hose	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
	(color)	(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	40	1.2	30	300	10,200	Custom	101002436
20	Black	40	1.2	40	300	10,200	Standard	101002437
20	Black	40	1.2	50	300	10,200	Custom	101002438
20	Black	40	1.2	60	300	10,200	Custom	101002413
20	Black	40	1.2	75	300	10,200	Custom	101002439
20	Black	40	1.2	100	300	10,200	Custom	101008418
20	Black	40	1.2	125	300	10,200	Custom	101008470
20	Black	40	1.2	150	300	10,200	Custom	101008419
20	Black	40	2.0	30	300	10,200	Custom	101002440
20	Black	40	2.0	40	300	10,200	Custom	101002379
20	Black	40	2.0	50	300	10,200	Custom	101002394
20	Black	40	2.0	60	300	10,200	Custom	101002378
20	Black	40	2.0	75	300	10,200	Custom	101002395
20	Black	40	2.0	100	300	10,200	Custom	101002396
20	Black	40	2.0	125	300	10,200	Custom	101008471
20	Black	40	2.0	150	300	10,200	Custom	101008383
20	Black	40	4.0	30	300	10,200	Custom	101002422
20	Black	40	4.0	40	300	10,200	Custom	101002414
20	Black	40	4.0	50	300	10,200	Custom	101002386
20	Black	40	4.0	60	300	10,200	Custom	101002421
20	Black	40	4.0	75	300	10,200	Custom	101002389
20	Black	40	4.0	100	300	10,200	Custom	101002397
20	Black	40	4.0	125	300	10,200	Custom	101008472
20	Black	40	4.0	150	300	10,200	Custom	101002444

Note: Available in white and purple.

Hydrogol Drip Line - 20 mm / 45 mil

Diameter	Hose (color)	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
20	Black	45	1.2	30	300	10,200	Custom	101008367
20	Black	45	1.2	40	300	10,200	Custom	101008434
20	Black	45	1.2	50	300	10,200	Custom	101008386
20	Black	45	1.2	60	300	10,200	Custom	101008394
20	Black	45	1.2	75	300	10,200	Custom	101008435
20	Black	45	1.2	100	300	10,200	Custom	101008381
20	Black	45	1.2	125	300	10,200	Custom	101008473
20	Black	45	1.2	150	300	10,200	Custom	101008436
20	Black	45	2.0	20	300	10,200	Custom	101024656
20	Black	45	2.0	40	300	10,200	Custom	101008345
20	Black	45	2.0	50	300	10,200	Custom	101008342
20	Black	45	2.0	60	300	10,200	Custom	101008395
20	Black	45	2.0	75	300	10,200	Custom	101008346
20	Black	45	2.0	100	300	10,200	Custom	101008379
20	Black	45	2.0	125	300	10,200	Custom	101008474
20	Black	45	2.0	150	300	10,200	Custom	101008382
20	Black	45	4.0	30	300	10,200	Custom	101008385
20	Black	45	4.0	40	300	10,200	Custom	101008365
20	Black	45	4.0	50	300	10,200	Custom	101008343
20	Black	45	4.0	60	300	10,200	Custom	101008387
20	Black	45	4.0	75	300	10,200	Custom	101008398
20	Black	45	4.0	100	300	10,200	Custom	101008344
20	Black	45	4.0	125	300	10,200	Custom	101008475
20	Black	45	4.0	150	300	10,200	Custom	101008438

Note: Available in white and purple.

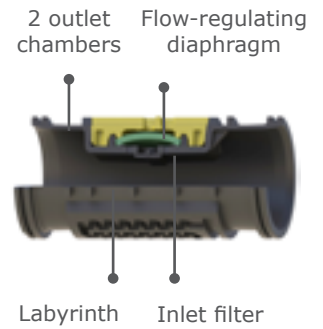
Hydro PC Flow Regulated Drip Line

Versatility - Irrigate crops in a wide range of field conditions

- Highly accurate floating diaphragm - maintains constant flow rate
- Ideal for sloping fields and long run lengths
- Large cross-sectional labyrinth and self-cleaning mechanism
- Two outlets per dripper



Diameter (mm)	+	Wall Thickness (mil)	Flow Rate		Spacing (cm)
			(mm)	(l/h)	
12		35	12	1.05	15
16		40	16	1.20 - 1.60 2.20-3.60	20
17		45	17	1.20 - 1.60 2.20-3.60	30
20		47	20	1.20 - 1.60 2.20-3.60	40
					50
					60
					75
					100
					125
					150



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

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

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

Nominal Diameter	ID	Wall Thickness	Nominal Flow Rate	Inlet Pressure	Spacing Between Drippers (cm)							
					15	20	30	40	50	60	75	100
(mm)	(mm)	(mil)	(lph)	(bar)	(m)							
12	10.4	35	1.05	1.0	28	36	52	65	78	90	107	132
				2.0	49	63	90	114	137	158	189	234
				3.0	55	70	101	129	154	178	212	264
16	13.8	40 45	1.60	1.0	-	46	65	82	99	113	131	166
				2.0	-	80	114	144	173	200	233	294
				3.0	-	98	139	177	213	245	288	363
			2.20	1.0	-	37	53	67	80	92	108	135
				2.0	-	65	92	117	141	163	192	240
				3.0	-	79	113	144	173	200	236	295
			3.60	1.0	-	27	38	49	58	67	79	98
				2.0	-	47	67	85	102	118	140	174
				3.0	-	57	82	104	126	145	172	215
20	17.6	45	1.60	1.0	-	75	105	132	157	179	206	259
				2.0	-	131	184	232	276	317	369	461
				3.0	-	161	226	285	340	391	456	569
			2.20	1.0	-	61	85	107	128	146	167	211
				2.0	-	107	150	189	225	258	300	376
				3.0	-	131	184	232	276	318	457	463
			3.60	1.0	-	44	62	78	93	106	122	154
				2.0	-	77	109	137	163	188	219	274
				3.0	-	95	133	168	201	231	270	337

Hydro PC Flow Regulated Drip Line - 12mm

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



Hydro PC 12

Hydro PC - 12 mm / 25 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
12	Black	25	1.05	30	600	10,200	Custom	101012931
12	Black	25	1.05	40	600	10,200	Custom	101012933
12	Black	25	1.05	50	600	10,200	Custom	101012934
12	Black	25	1.05	60	600	10,200	Custom	101012935
12	Black	25	1.05	75	600	10,200	Custom	101002720
12	Black	25	1.05	100	600	10,200	Custom	101012936
12	Black	25	1.05	150	600	10,200	Custom	101012940

Note: Available in brown, white, and purple.

Hydro PC Flow Regulated Drip Line

Hydro PC - 12 mm / 35 and 40 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
12	Black	35	1.05	20	600	10,200	Custom	101002721
12	Black	35	1.05	25	600	10,200	Custom	101012941
12	Black	35	1.05	30	600	10,200	Custom	101002722
12	Black	35	1.05	40	600	10,200	Custom	101002724
12	Black	35	1.05	50	600	10,200	Custom	101002725
12	Black	35	1.05	60	600	10,200	Custom	101002726
12	Black	35	1.05	75	600	10,200	Custom	101012937
12	Black	35	1.05	100	600	10,200	Custom	101012938
12	Black	40	1.05	20	600	10,200	Custom	101002727

Note: Available in brown, white, and purple.

Hydro PC Flow Regulated Drip Line - 16mm

Technical Data Hydro PC 16		
Operating pressure range:		0.75 - 3.5 bar
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1.20	100	150
>1.20	130	120
Purchasing Information Hydro PC 16		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	10



Hydro PC 16

Hydro PCND - 16 mm / 35 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Status	Item Number
16	Black	35	1.2	20	400	20,000	Custom	101025979
16	Black	35	1.2	25	400	20,000	Custom	101026254
16	Black	35	1.2	30	400	20,000	Custom	101025991
16	Black	35	1.2	40	400	20,000	Custom	101026031
16	Black	35	1.2	50	400	20,000	Custom	101026032
16	Black	35	1.2	60	400	20,000	Custom	101009054
16	Black	35	1.2	75	400	20,000	Custom	101002641
16	Black	35	1.2	100	400	20,000	Custom	101025779
16	Black	35	1.6	20	400	20,000	Custom	101026035
16	Black	35	1.6	25	400	20,000	Custom	101025928
16	Black	35	1.6	30	400	20,000	Custom	101025996
16	Black	35	1.6	40	400	20,000	Custom	101025780
16	Black	35	1.6	50	400	20,000	Custom	101025922
16	Black	35	1.6	60	400	20,000	Custom	101026058
16	Black	35	1.6	75	400	20,000	Custom	101025901
16	Black	35	1.6	100	400	20,000	Custom	101025781
16	Black	35	2.2	20	400	20,000	Custom	101026038
16	Black	35	2.2	25	400	20,000	Custom	101026326
16	Black	35	2.2	30	400	20,000	Custom	101025929
16	Black	35	2.2	40	400	20,000	Custom	101025782
16	Black	35	2.2	50	400	20,000	Custom	101002605
16	Black	35	2.2	60	400	20,000	Custom	101002562
16	Black	35	2.2	75	400	20,000	Custom	101025913
16	Black	35	2.2	100	400	20,000	Custom	101025783

Note: Available in brown, white.

Hydro PC - 16 mm / 40 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	1.2	30	400	10,000	Custom	101002564
16	Black	40	1.2	40	400	10,000	Custom	101002565
16	Black	40	1.2	50	400	10,000	Custom	101002628
16	Black	40	1.2	60	400	10,000	Custom	101002566
16	Black	40	1.2	75	400	10,000	Custom	101002657
16	Black	40	1.2	100	400	10,000	Standard	101009071
16	Black	40	1.2	125	400	10,000	Custom	101009100
16	Black	40	1.2	150	400	10,000	Custom	101009083
16	Black	40	1.6	20	400	10,000	Custom	101002706
16	Black	40	1.6	25	400	10,000	Custom	101009087
16	Black	40	1.6	30	400	10,000	Custom	101002601
16	Black	40	1.6	40	400	10,000	Custom	101002567
16	Black	40	1.6	50	400	10,000	Standard	101002568
16	Black	40	1.6	60	400	10,000	Custom	101002569
16	Black	40	1.6	75	400	10,000	Custom	101002570
16	Black	40	1.6	100	400	10,000	Standard	101002630
16	Black	40	1.6	125	400	10,000	Custom	101009101
16	Black	40	1.6	150	400	10,000	Custom	101002700

Note: Available in white and purple.

Hydro PC Flow Regulated Drip Line



Hydro PC - 16 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	2.2	20	400	10,000	Custom	101002623
16	Black	40	2.2	25	400	10,000	Custom	101022471
16	Black	40	2.2	30	400	10,000	Custom	101002572
16	Black	40	2.2	33	400	10,000	Standard	101009034
16	Black	40	2.2	40	400	10,000	Custom	101002573
16	Black	40	2.2	50	400	10,000	Standard	101002610
16	Black	40	2.2	60	400	10,000	Standard	101002574
16	Black	40	2.2	75	400	10,000	Standard	101002575
16	Black	40	2.2	100	400	10,000	Standard	101002576
16	Black	40	2.2	125	400	10,000	Custom	101009102
16	Black	40	2.2	150	400	10,000	Custom	101008977
						10,000		
16	Black	40	3.6	20	400	10,000	Custom	101026048
16	Black	40	3.6	25	400	10,000	Custom	101026355
16	Black	40	3.6	30	400	10,000	Custom	101002701
16	Black	40	3.6	33	400	10,000	Custom	101009078
16	Black	40	3.6	40	400	10,000	Custom	101002702
16	Black	40	3.6	50	400	10,000	Custom	101002626
16	Black	40	3.6	60	400	10,000	Custom	101002703
16	Black	40	3.6	75	400	10,000	Standard	101002577
16	Black	40	3.6	100	400	10,000	Standard	101002578
16	Black	40	3.6	125	400	10,000	Custom	101009099
16	Black	40	3.6	150	400	10,000	Custom	101002704

Note: Available in white and purple.

Hydro PC Flow Regulated Drip Line

Hydro PC - 16 mm / 45 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	45	1.2	20	400	10,000	Custom	101008978
16	Black	45	1.2	30	400	10,000	Custom	101008979
16	Black	45	1.2	33	400	10,000	Custom	101008980
16	Black	45	1.2	40	400	10,000	Custom	101009063
16	Black	45	1.2	50	400	10,000	Custom	101009044
16	Black	45	1.2	60	400	10,000	Custom	101009072
16	Black	45	1.2	75	400	10,000	Custom	101009077
16	Black	45	1.2	100	400	10,000	Custom	101008981
16	Black	45	1.2	125	400	10,000	Custom	101009103
16	Black	45	1.2	150	400	10,000	Custom	101009084
16	Black	45	1.6	20	400	10,000	Custom	101008982
16	Black	45	1.6	30	400	10,000	Custom	101008983
16	Black	45	1.6	33	400	10,000	Custom	101008984
16	Black	45	1.6	40	400	10,000	Standard	101009040
16	Black	45	1.6	50	400	10,000	Standard	101008985
16	Black	45	1.6	60	400	10,000	Custom	101008986
16	Black	45	1.6	75	400	10,000	Custom	101008987
16	Black	45	1.6	100	400	10,000	Custom	101008988
16	Black	45	1.6	125	400	10,000	Custom	101009104
16	Black	45	1.6	150	400	10,000	Custom	101009088

Note: Available in white and purple.

Hydro PC Flow Regulated Drip Line



Hydro PC - 16 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	45	2.2	20	400	10,000	Custom	101008989
16	Black	45	2.2	30	400	10,000	Custom	101008990
16	Black	45	2.2	33	400	10,000	Custom	101002579
16	Black	45	2.2	40	400	10,000	Standard	101008991
16	Black	45	2.2	50	400	10,000	Standard	101008992
16	Black	45	2.2	60	400	10,000	Standard	101008993
16	Black	45	2.2	75	400	10,000	Standard	101008994
16	Black	45	2.2	100	400	10,000	Standard	101008995
16	Black	45	2.2	125	400	10,000	Custom	101009105
16	Black	45	2.2	150	400	10,000	Custom	101008997
16	Black	45	2.2	33	100	9,600	Custom	101012947
16	Black	45	2.2	50	100	9,600	Custom	101025856
16	Black	45	2.2	33	50	30,000	Custom	101012927
16	Black	45	2.2	33	25	30,000	Custom	101012949
16	Black	45	2.2	50	25	30,000	Custom	101012930
16	Black	45	3.6	30	400	10,000	Custom	101008998
16	Black	45	3.6	33	400	10,000	Custom	101009061
16	Black	45	3.6	40	400	10,000	Custom	101009052
16	Black	45	3.6	50	400	10,000	Standard	101008999
16	Black	45	3.6	60	400	10,000	Standard	101009000
16	Black	45	3.6	75	400	10,000	Standard	101009001
16	Black	45	3.6	100	400	10,000	Standard	101009002
16	Black	45	3.6	125	400	10,000	Custom	101009060
16	Black	45	3.6	150	400	10,000	Custom	101009058

Note: Available in white and purple.

Hydro PC Flow Regulated Drip Line - 17mm

Technical Data Hydro PC 17		
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
Purchasing Information Hydro PC 17		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	9



Hydro PC 17

Hydro PC - 17 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	35	1.2	20	350	35,000	Custom	101026061
17	Black	35	1.2	30	350	35,000	Custom	101026062
17	Black	35	1.2	40	350	35,000	Custom	101026063
17	Black	35	1.2	50	350	35,000	Custom	101026064
17	Black	35	1.2	60	350	35,000	Custom	101026065
17	Black	35	1.2	75	350	35,000	Custom	101026207
17	Black	35	1.2	100	350	35,000	Custom	101026068
17	Black	35	1.6	20	350	35,000	Custom	101018364
17	Black	35	1.6	30	350	35,000	Custom	101026083
17	Black	35	1.6	40	350	35,000	Custom	101026084
17	Black	35	1.6	50	350	35,000	Custom	101026085
17	Black	35	1.6	60	350	35,000	Custom	101025938
17	Black	35	1.6	75	350	35,000	Custom	101026212
17	Black	35	1.6	100	350	35,000	Custom	101025940
17	Black	35	2.2	20	350	35,000	Custom	101026098
17	Black	35	2.2	30	350	35,000	Custom	101026298
17	Black	35	2.2	40	350	35,000	Custom	101026099
17	Black	35	2.2	50	350	35,000	Custom	101026100
17	Black	35	2.2	60	350	35,000	Custom	101026101
17	Black	35	2.2	75	350	35,000	Custom	101002611
17	Black	35	2.2	100	350	35,000	Custom	101025943

Note: Available in white.

Hydro PC Flow Regulated Drip Line



Hydro PC - 17 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	BLACK	35	3.6	20	350	35,000	Custom	101026110
17	BLACK	35	3.6	30	350	35,000	Custom	101026111
17	BLACK	35	3.6	40	350	35,000	Custom	101026112
17	BLACK	35	3.6	50	350	35,000	Custom	101026113
17	BLACK	35	3.6	60	350	35,000	Custom	101026114
17	BLACK	35	3.6	75	350	35,000	Custom	101026220
17	BLACK	35	3.6	100	350	35,000	Custom	101025947
17	BLACK	35	3.6	30	350	35,000	Custom	101026111
17	BLACK	35	3.6	40	350	35,000	Custom	101026112
17	BLACK	35	3.6	50	350	35,000	Custom	101026113
17	BLACK	35	3.6	60	350	35,000	Custom	101026114
17	BLACK	35	3.6	75	350	35,000	Custom	101026220
17	BLACK	35	3.6	100	350	35,000	Custom	101025947
17	BLACK	40	1.2	20	350	35,000	Custom	101002716
17	BLACK	40	1.2	30	350	35,000	Custom	101002658
17	BLACK	40	1.2	40	350	35,000	Custom	101002659
17	BLACK	40	1.2	50	350	35,000	Custom	101002660
17	BLACK	40	1.2	60	350	35,000	Custom	101002580
17	BLACK	40	1.2	75	350	35,000	Custom	101002661
17	BLACK	40	1.2	100	350	35,000	Custom	101002663
17	BLACK	40	1.6	20	350	35,000	Custom	101026089
17	BLACK	40	1.6	30	350	35,000	Custom	101002647
17	BLACK	40	1.6	40	350	35,000	Custom	101002648
17	BLACK	40	1.6	50	350	35,000	Custom	101002603
17	BLACK	40	1.6	60	350	35,000	Custom	101002604
17	BLACK	40	1.6	75	350	35,000	Custom	101002650
17	BLACK	40	1.6	100	350	35,000	Custom	101002666
17	BLACK	40	2.2	20	350	35,000	Custom	101002717
17	BLACK	40	2.2	30	350	35,000	Custom	101002635
17	BLACK	40	2.2	40	350	35,000	Custom	101002612
17	BLACK	40	2.2	50	350	35,000	Custom	101002609
17	BLACK	40	2.2	60	350	35,000	Custom	101002602
17	BLACK	40	2.2	75	350	35,000	Custom	101002596
17	BLACK	40	2.2	100	350	35,000	Custom	101002597

Note: Available in brown, white.

Hydro PC Flow Regulated Drip Line

Hydro PC - 17 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	40	3.6	20	350	35,000	Custom	101002718
17	Black	40	3.6	30	350	35,000	Custom	101002669
17	Black	40	3.6	40	350	35,000	Custom	101002582
17	Black	40	3.6	50	350	35,000	Custom	101002613
17	Black	40	3.6	60	350	35,000	Custom	101002614
17	Black	40	3.6	75	350	35,000	Custom	101002607
17	Black	40	3.6	100	350	35,000	Custom	101002595
17	Black	45	1.2	20	350	35,000	Custom	101025970
17	Black	45	1.2	30	350	35,000	Custom	101025866
17	Black	45	1.2	40	350	35,000	Custom	101025988
17	Black	45	1.2	50	350	35,000	Custom	101012929
17	Black	45	1.2	60	350	35,000	Custom	101025891
17	Black	45	1.2	75	350	35,000	Custom	101026208
17	Black	45	1.2	100	350	35,000	Custom	101025997
17	Black	45	1.6	20	350	35,000	Custom	101002594
17	Black	45	1.6	30	350	35,000	Custom	101002583
17	Black	45	1.6	40	350	35,000	Custom	101025799
17	Black	45	1.6	50	350	35,000	Custom	101025800
17	Black	45	1.6	60	350	35,000	Custom	101008266
17	Black	45	1.6	75	350	35,000	Custom	101012939
17	Black	45	1.6	100	350	35,000	Custom	101025801
17	Black	45	2.2	20	350	35,000	Custom	101002584
17	Black	45	2.2	30	350	35,000	Custom	101002585
17	Black	45	2.2	40	350	35,000	Custom	101025804
17	Black	45	2.2	50	350	35,000	Custom	101002586
17	Black	45	2.2	60	350	35,000	Custom	101025805
17	Black	45	2.2	75	350	35,000	Custom	101012925
17	Black	45	2.2	100	350	35,000	Custom	101025806
17	Black	45	3.6	20	350	35,000	Custom	101026119
17	Black	45	3.6	30	350	35,000	Custom	101026120
17	Black	45	3.6	40	350	35,000	Custom	101025807
17	Black	45	3.6	50	350	35,000	Custom	101025808
17	Black	45	3.6	60	350	35,000	Custom	101026020
17	Black	45	3.6	75	350	35,000	Custom	101025809
17	BLACK	45	3.6	100	350	35,000	Custom	101025810

Note: Available in brown, white.

Hydro PC Flow Regulated Drip Line - 20mm

Technical Data Hydro PC 20		
Operating pressure range:		0.75 - 3.5 bar
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1.20	100	150
>1.20	130	120
Purchasing Information Hydro PC 20		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	9



Hydro PC 20

Hydro PC - 20 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	40	1.2	30	300	10,200	Custom	101002719
20	Black	40	1.2	40	300	10,200	Custom	101002673
20	Black	40	1.2	60	300	10,200	Custom	101002646
20	Black	40	1.6	40	300	10,200	Custom	101002681
20	Black	40	1.6	50	300	10,200	Custom	101002631
20	Black	40	1.6	60	300	10,200	Custom	101002632
20	Black	40	1.6	75	300	10,200	Custom	101002622
20	Black	40	1.6	100	300	10,200	Custom	101002683
20	Black	40	2.2	30	300	10,200	Custom	101002625
20	Black	40	2.2	40	300	10,200	Custom	101002686
20	Black	40	2.2	50	300	10,200	Custom	101002633
20	Black	40	2.2	60	300	10,200	Custom	101002636
20	Black	40	3.6	75	300	10,200	Custom	101002587
20	Black	40	3.6	50	300	10,200	Custom	101002606
20	Black	40	3.6	150	300	10,200	Custom	101002651

Note: Available in white and purple.

Hydro PC Flow Regulated Drip Line

Hydro PC - 20 mm / 45 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	45	1.2	30	300	10,200	Custom	101009046
20	Black	45	1.2	40	300	10,200	Custom	101009057
20	Black	45	1.2	50	300	10,200	Custom	101009010
20	Black	45	1.2	60	300	10,200	Custom	101009066
20	Black	45	1.2	75	300	10,200	Custom	101009080
20	Black	45	1.2	100	300	10,200	Custom	101009048
20	Black	45	1.2	125	300	10,200	Custom	101009106
20	Black	45	1.2	150	300	10,200	Custom	101009094
20	Black	45	1.6	30	300	10,200	Custom	101009055
20	Black	45	1.6	40	300	10,200	Custom	101009012
20	Black	45	1.6	50	300	10,200	Standard	101002588
20	Black	45	1.6	60	300	10,200	Custom	101009013
20	Black	45	1.6	75	300	10,200	Custom	101009014
20	Black	45	1.6	100	300	10,200	Custom	101009015
20	Black	45	1.6	150	300	10,200	Custom	101009095
20	Black	45	2.2	30	300	10,200	Custom	101009039
20	Black	45	2.2	40	300	10,200	Custom	101009017
20	Black	45	2.2	50	300	10,200	Standard	101009018
20	Black	45	2.2	60	300	10,200	Standard	101002589
20	Black	45	2.2	75	300	10,200	Standard	101009019
20	Black	45	2.2	100	300	10,200	Standard	101009020
20	Black	45	2.2	125	300	10,200	Custom	101009108
20	Black	45	2.2	150	300	10,200	Custom	101009086
20	Black	45	3.6	30	300	10,200	Custom	101009068
20	Black	45	3.6	40	300	10,200	Custom	101009050
20	Black	45	3.6	50	300	10,200	Custom	101009021
20	Black	45	3.6	60	300	10,200	Standard	101009042
20	Black	45	3.6	75	300	10,200	Standard	101009022
20	Black	45	3.6	100	300	10,200	Custom	101009024
20	Black	45	3.6	125	300	10,200	Custom	101009109
20	Black	45	3.6	150	300	10,200	Custom	101009098

Note: Available in white and purple.

Hydro PC Flow Regulated Drip Line



Hydro PC - 20 mm / 47 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	47	1.6	20	300	10,200	Custom	101025890
20	Black	47	1.6	40	300	10,200	Custom	101025827
20	Black	47	1.6	50	300	10,200	Custom	101022949
20	Black	47	1.6	60	300	10,200	Custom	101025903
20	Black	47	2.2	40	300	10,200	Custom	101025869
20	Black	47	2.2	50	300	10,200	Custom	101025832
20	Black	47	2.2	60	300	10,200	Custom	101026178
20	Black	47	2.2	75	300	10,200	Custom	101026056
20	Black	47	2.2	100	300	10,200	Custom	101025833
20	Black	47	3.6	40	300	10,200	Custom	101025870
20	Black	47	3.6	50	300	10,200	Custom	101025834
20	Black	47	3.6	60	300	10,200	Custom	101025835
20	Black	47	3.6	75	300	10,200	Custom	101025836
20	Black	47	3.6	100	300	10,200	Custom	101025838

Note: Available in white and purple.

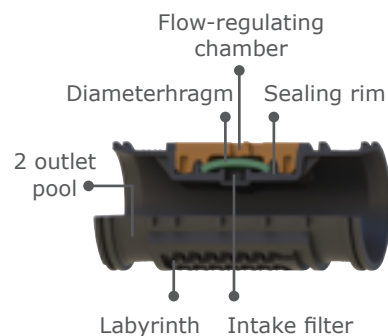
Hydro PCND Flow Regulated Drip Line

No-Drain Feature

- Highly accurate floating diaphragm - maintains constant flow rate at variable inlet pressures
- No-Drain feature reduces the ingestion of soil particles on system shut down and is ideal for subsurface applications
- Ideal for pulse irrigation
- Self-cleaning mechanism



Diameter	+	Wall Thickness	+	Flow Rate		+	Spacing
				(mm)	(l/h)		
12		35		12	1,05		15
16		40		16	1.35-1.75-2.35-3.75		20
17		45		17	1.35-1.60-2.35-3.75		25
20		47		20	1.35-1.75-2.35-3.60		30
							40
							50
							60
							75
							100
							125
							150



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

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

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

Nominal Diameter	ID	Wall Thickness	Nominal Flow Rate	Inlet Pressure	Spacing Between Drippers (cm)							
					15	20	30	40	50	60	75	100
(mm)	(mm)	(mil)	(lph)	(bar)	(m)							
12	10.4	35 40	1.05	1.0	28	36	52	65	78	90	107	132
				2.0	49	63	90	114	137	158	189	234
				3.0	55	77	110	140	169	195	232	289
16	13.8	40 45	1.75	1.0	-	43	62	78	93	107	176	157
				2.0	-	76	107	136	163	188	275	278
				3.0	-	92	131	167	201	232	332	342
			2.35	1.0	-	36	51	64	77	88	125	130
				2.0	-	62	89	112	135	156	223	230
				3.0	-	76	108	138	166	191	274	283
			3.75	1.0	-	26	37	47	57	65	93	96
				2.0	-	46	65	83	100	115	167	170
				3.0	-	56	80	102	122	142	205	209
17	15.3	40	1.35	1.0	-	75	105	133	158	181	214	264
				2.0	-	116	163	206	246	283	335	412
				3.0	-	139	197	248	297	341	407	499
			3.75	1.0	-	30	43	54	64	73	93	107
				2.0	-	56	79	100	120	138	181	202
				3.0	-	69	98	124	149	171	205	251
20	17.6	45	1.75	1.0	-	71	99	124	148	169	197	245
				2.0	-	124	174	219	261	299	351	435
				3.0	-	152	213	269	321	368	433	537
			2.35	1.0	-	54	76	95	113	129	163	187
				2.0	-	101	141	178	212	244	290	355
				3.0	-	124	175	220	263	302	358	440
			3.60	1.0	-	44	62	78	93	106	124	154
				2.0	-	77	109	137	163	188	221	274
				3.0	-	95	133	168	201	231	272	337

Hydro PCND Flow Regulated Drip Line - 12mm

Technical Data Hydro PCND 12		
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
Purchasing Information Hydro PCND 16		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	10



Hydro PCND 12

Hydro PCND - 12 mm / 35 mil and 40 mil

Diameter	Hose Color	Wall (mil)	Flow Rate (l/h)	Spacing (cm)	Roll Length (m)	Minimum Order Qty (m)	Order Status	Item Number
12	Black	35	1.05	15	600	10,200	Custom	101022886
12	Black	35	1.05	20	600	10,200	Custom	101013000
12	Black	35	1.05	25	600	10,200	Custom	101003077
12	Black	35	1.05	30	600	10,200	Custom	101022975
12	Black	35	1.05	40	600	10,200	Custom	101003066
12	Black	35	1.05	50	600	10,200	Custom	101018376
12	Black	35	1.05	60	600	10,200	Custom	101003070
12	Black	35	1.05	75	600	10,200	Custom	101003071
12	Black	35	1.05	100	600	10,200	Custom	101018377
12	Black	40	1.05	20	600	10,200	Custom	101003078
12	Black	40	1.05	30	600	10,200	Custom	101027569
12	Black	40	1.05	40	600	10,200	Custom	101003079
12	Black	40	1.05	50	600	10,200	Custom	101027570
12	Black	40	1.05	60	600	10,200	Custom	101027806
12	Black	40	1.05	75	600	10,200	Custom	101027809
12	Black	40	1.05	100	600	10,200	Custom	101027814

Note: Available in brown, white.

Hydro PCND Flow Regulated Drip Line - 16mm

Technical Data Hydro PCND 16		
Operating pressure range:		0.75 - 3.5 bar
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1.20	100	150
>1.20	130	120
Purchasing Information Hydro PCND 16		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	10



Hydro PC 16

Hydro PCND - 16 mm / 35 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	35	1.35	15	400	10,000	Custom	101027307
16	Black	35	1.35	20	400	10,000	Standard	101027265
16	Black	35	1.35	25	400	10,000	Custom	101027272
16	Black	35	1.35	30	400	10,000	Custom	101027278
16	Black	35	1.35	40	400	10,000	Custom	101027820
16	Black	35	1.35	50	400	10,000	Custom	101027266
16	Black	35	1.35	60	400	10,000	Custom	101027825
16	Black	35	1.35	75	400	10,000	Custom	101027827
16	Black	35	1.35	100	400	10,000	Custom	101027308
16	Black	35	1.75	20	400	10,000	Standard	101027242
16	Black	35	1.75	30	400	10,000	Custom	101027870
16	Black	35	1.75	40	400	10,000	Custom	101027237
16	Black	35	1.75	50	400	10,000	Standard	101027276
16	Black	35	1.75	60	400	10,000	Custom	101003033
16	Black	35	1.75	100	400	10,000	Custom	101027847
16	Black	35	2.35	20	400	10,000	Custom	101027269
16	Black	35	2.35	25	400	10,000	Custom	101047677
16	Black	35	2.35	30	400	10,000	Custom	101027285
16	Black	35	2.35	40	400	10,000	Custom	101027262
16	Black	35	2.35	50	400	10,000	Custom	101027856
16	Black	35	2.35	60	400	10,000	Custom	101027858
16	Black	35	2.35	75	400	10,000	Custom	101027861
16	Black	35	2.35	100	400	10,000	Custom	101027315

Note: Available in brown, white.

Hydro PCND Flow Regulated Drip Line



Hydro PCND - 16 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	40	1.35	15	400	10,000	Standard	101003042
16	Black	40	1.35	20	400	10,000	Custom	101002882
16	Black	40	1.35	25	400	10,000	Standard	101009399
16	Black	40	1.35	30	400	10,000	Standard	101002976
16	Black	40	1.35	40	400	10,000	Standard	101002977
16	Black	40	1.35	50	400	10,000	Custom	101002945
16	Black	40	1.35	60	400	10,000	Custom	101002952
16	Black	40	1.35	75	400	10,000	Custom	101002978
16	Black	40	1.35	100	400	10,000	Standard	101002980
16	Black	40	1.35	125	400	10,000	Custom	101009415
16	Black	40	1.35	150	400	10,000	Custom	101002981
16	Black	40	1.75	20	400	10,000	Custom	101003046
16	Black	40	1.75	25	400	10,000	Custom	101009393
16	Black	40	1.75	30	400	10,000	Standard	101002970
16	Black	40	1.75	40	400	10,000	Standard	101002971
16	Black	40	1.75	50	400	10,000	Standard	101002956
16	Black	40	1.75	60	400	10,000	Standard	101002972
16	Black	40	1.75	75	400	10,000	Standard	101002954
16	Black	40	1.75	100	400	10,000	Standard	101002885
16	Black	40	1.75	125	400	10,000	Custom	101009416
16	Black	40	1.75	150	400	10,000	Custom	101002975
16	Black	40	2.35	20	400	10,000	Custom	101002877
16	Black	40	2.35	25	400	10,000	Custom	101009397
16	Black	40	2.35	30	400	10,000	Standard	101003043
16	Black	40	2.35	40	400	10,000	Standard	101002869
16	Black	40	2.35	50	400	10,000	Standard	101003044
16	Black	40	2.35	60	400	10,000	Standard	101002893
16	Black	40	2.35	75	400	10,000	Standard	101003036
16	Black	40	2.35	100	400	10,000	Standard	101002858
16	Black	40	2.35	125	400	10,000	Custom	101009417
16	Black	40	2.35	150	400	10,000	Custom	101002934
16	Black	40	3.75	20	400	10,000	Custom	101027320
16	Black	40	3.75	30	400	10,000	Standard	101002982
16	Black	40	3.75	40	400	10,000	Custom	101002983
16	Black	40	3.75	50	400	10,000	Standard	101002984
16	Black	40	3.75	60	400	10,000	Custom	101002985
16	Black	40	3.75	75	400	10,000	Standard	101002986
16	Black	40	3.75	100	400	10,000	Standard	101002988
16	Black	40	3.75	125	400	10,000	Custom	101009418
16	Black	40	3.75	150	400	10,000	Custom	101002989

Hydro PCND Flow Regulated Drip Line



Hydro PCND - 16 mm / 45 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	45	1.35	20	400	10,000	Custom	101027193
16	Black	45	1.35	25	400	10,000	Custom	101018371
16	Black	45	1.35	30	400	10,000	Standard	101009373
16	Black	45	1.35	40	400	10,000	Custom	101002955
16	Black	45	1.35	50	400	10,000	Standard	101002850
16	Black	45	1.35	60	400	10,000	Custom	101002886
16	Black	45	1.35	75	400	10,000	Custom	101009401
16	Black	45	1.35	100	400	10,000	Standard	101009385
16	Black	45	1.35	125	400	10,000	Custom	101009419
16	Black	45	1.35	150	400	10,000	Custom	101009407
16	Black	45	1.75	25	400	10,000	Standard	101027212
16	Black	45	1.75	20	400	10,000	Standard	101002811
16	Black	45	1.75	30	400	10,000	Standard	101009374
16	Black	45	1.75	40	400	10,000	Standard	101002849
16	Black	45	1.75	50	400	10,000	Standard	101009375
16	Black	45	1.75	60	400	10,000	Standard	101009388
16	Black	45	1.75	75	400	10,000	Standard	101009402
16	Black	45	1.75	100	400	10,000	Standard	101009386
16	Black	45	1.75	125	400	10,000	Custom	101009420

Note: Available in white.

Hydro PCND - 16 mm / 45 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Black	45	2.35	20	400	10,000	Standard	101009376
16	Black	45	2.35	25	400	10,000	Standard	101027195
16	Black	45	2.35	30	400	10,000	Standard	101002812
16	Black	45	2.35	40	400	10,000	Standard	101002813
16	Black	45	2.35	50	400	10,000	Standard	101002814
16	Black	45	2.35	60	400	10,000	Custom	101002815
16	Black	45	2.35	75	400	10,000	Standard	101002857
16	Black	45	2.35	100	400	10,000	Standard	101002816
16	Black	45	2.35	150	400	10,000	Standard	101002817
16	Black	45	3.75	20	400	10,000	Custom	101027324
16	Black	45	3.75	30	400	10,000	Standard	101002818
16	Black	45	3.75	40	400	10,000	Custom	101002819
16	Black	45	3.75	50	400	10,000	Standard	101002820
16	Black	45	3.75	60	400	10,000	Custom	101002861
16	Black	45	3.75	75	400	10,000	Standard	101002863
16	Black	45	3.75	100	400	10,000	Standard	101002821
16	Black	45	3.75	125	400	10,000	Custom	101009421
16	Black	45	3.75	150	400	10,000	Standard	101002898

Note: Available in white.

Hydro PCND Flow Regulated Drip Line - 17mm

Technical Data Hydro PCND 17		
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
Purchasing Information Hydro PCND 17		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	9



Hydro PC 17

Hydro PCND - 17 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	40	1.35	20	350	35,000	Custom	101003037
17	Black	40	1.35	30	350	35,000	Custom	101002875
17	Black	40	1.35	40	350	35,000	Custom	101002965
17	Black	40	1.35	50	350	35,000	Custom	101002935
17	Black	40	1.35	60	350	35,000	Custom	101002966
17	Black	40	1.35	75	350	35,000	Custom	101002967
17	Black	40	1.35	100	350	35,000	Custom	101003039
17	Black	40	1.6	20	350	35,000	Custom	101002936
17	Black	40	1.6	30	350	35,000	Custom	101002960
17	Black	40	1.6	40	350	35,000	Custom	101002961
17	Black	40	1.6	50	350	35,000	Custom	101002892
17	Black	40	1.6	60	350	35,000	Custom	101002947
17	Black	40	1.6	75	350	35,000	Custom	101002951
17	Black	40	1.6	100	350	35,000	Custom	101002963
17	Black	40	2.35	20	350	35,000	Custom	101003057
17	Black	40	2.35	30	350	35,000	Custom	101002946
17	Black	40	2.35	40	350	35,000	Custom	101002957
17	Black	40	2.35	50	350	35,000	Custom	101002937
17	Black	40	2.35	60	350	35,000	Custom	101002938
17	Black	40	2.35	75	350	35,000	Custom	101002939
17	Black	40	2.35	100	350	35,000	Custom	101002940

Note: Available in brown, white.

Hydro PCND Flow Regulated Drip Line



Hydro PCND - 17 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
17	Black	40	3.75	20	350	35,000	Custom	101003059
17	Black	40	3.75	30	350	35,000	Custom	101002997
17	Black	40	3.75	40	350	35,000	Custom	101002998
17	Black	40	3.75	50	350	35,000	Custom	101002953
17	Black	40	3.75	60	350	35,000	Custom	101002999
17	Black	40	3.75	75	350	35,000	Custom	101003000
17	Black	40	3.75	100	350	35,000	Custom	101003002
17	Black	45	1.35	20	350	35,000	Custom	101002822
17	Black	45	1.35	30	350	35,000	Custom	101002878
17	Black	45	1.35	40	350	35,000	Custom	101002823
17	Black	45	1.35	50	350	35,000	Custom	101002824
17	Black	45	1.35	60	350	35,000	Custom	101002825
17	Black	45	1.35	75	350	35,000	Custom	101002900
17	Black	45	1.35	100	350	35,000	Custom	101002902
17	Black	45	1.6	20	350	35,000	Custom	101002826
17	Black	45	1.6	30	350	35,000	Custom	101002827
17	Black	45	1.6	40	350	35,000	Custom	101002828
17	Black	45	1.6	50	350	35,000	Custom	101002853
17	Black	45	1.6	60	350	35,000	Custom	101002867
17	Black	45	1.6	75	350	35,000	Custom	101002880
17	Black	45	1.6	100	350	35,000	Custom	101002864
17	Black	45	2.35	20	350	35,000	Custom	101027268
17	Black	45	2.35	30	350	35,000	Custom	101002854
17	Black	45	2.35	40	350	35,000	Custom	101002855
17	Black	45	2.35	50	350	35,000	Custom	101002829
17	Black	45	2.35	60	350	35,000	Custom	101002830
17	Black	45	2.35	75	350	35,000	Custom	101002831
17	Black	45	2.35	100	350	35,000	Custom	101002832
17	Black	45	3.75	20	350	35,000	Custom	101027360
17	Black	45	3.75	30	350	35,000	Custom	101002907
17	Black	45	3.75	40	350	35,000	Custom	101002908
17	Black	45	3.75	50	350	35,000	Custom	101002889
17	Black	45	3.75	60	350	35,000	Custom	101002909
17	Black	45	3.75	75	350	35,000	Custom	101002833
17	Black	45	3.75	100	350	35,000	Custom	101002834

Note: Available in brown, white.

Hydro PCND Flow Regulated Drip Line - 20mm

Technical Data Hydro PCND 20		
Operating pressure range:		0.75 - 3.5 bar
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1.20	100	150
>1.20	130	120
Purchasing Information Hydro PCND 20		
In loose pack and can be packaged by pallets upon request with additional fees	Rolls per pallet:	9



Hydro PC 20

Hydro PCND - 20 mm / 40 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	40	1.35	20	300	10,200	Custom	101027369
20	Black	40	1.35	30	300	10,200	Custom	101003004
20	Black	40	1.35	40	300	10,200	Custom	101003005
20	Black	40	1.35	60	300	10,200	Custom	101003006
20	Black	40	1.35	75	300	10,200	Custom	101003007
20	Black	40	1.35	100	300	10,200	Custom	101003009
20	Black	40	1.75	20	300	10,200	Custom	101027382
20	Black	40	1.75	30	300	10,200	Custom	101003017
20	Black	40	1.75	40	300	10,200	Custom	101003018
20	Black	40	1.75	50	300	10,200	Custom	101003019
20	Black	40	1.75	60	300	10,200	Custom	101002941
20	Black	40	1.75	75	300	10,200	Custom	101003020
20	Black	40	1.75	100	300	10,200	Custom	101003022

Note: Available in white.

Hydro PCND - 20 mm / 40 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	40	2.35	20	300	10,200	Custom	101027392
20	Black	40	2.35	30	300	10,200	Custom	101003011
20	Black	40	2.35	40	300	10,200	Custom	101003012
20	Black	40	2.35	50	300	10,200	Custom	101002942
20	Black	40	2.35	60	300	10,200	Custom	101002943
20	Black	40	2.35	75	300	10,200	Custom	101003013
20	Black	40	2.35	100	300	10,200	Custom	101003015
20	Black	40	3.60	20	300	10,200	Custom	101027402
20	Black	40	3.60	30	300	10,200	Custom	101002990
20	Black	40	3.60	40	300	10,200	Custom	101002944
20	Black	40	3.60	50	300	10,200	Custom	101002991
20	Black	40	3.60	75	300	10,200	Custom	101002993
20	Black	40	3.60	100	300	10,200	Custom	101002995

Note: Available in brown, white.

Hydro PCND Flow Regulated Drip Line



Hydro PCND - 20 mm / 45 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	45	1.35	15	300	10,200	Custom	101027372
20	Black	45	1.35	20	300	10,200	Custom	101027204
20	Black	45	1.35	30	300	10,200	Custom	101002913
20	Black	45	1.35	40	300	10,200	Custom	101002862
20	Black	45	1.35	50	300	10,200	Custom	101002851
20	Black	45	1.35	60	300	10,200	Custom	101002914
20	Black	45	1.35	75	300	10,200	Custom	101002915
20	Black	45	1.35	100	300	10,200	Custom	101002917
20	Black	45	1.35	125	300	10,200	Custom	101009422
20	Black	45	1.35	150	300	10,200	Custom	101002918
20	Black	45	1.75	20	300	10,200	Custom	101009378
20	Black	45	1.75	30	300	10,200	Custom	101009379
20	Black	45	1.75	40	300	10,200	Standard	101009395
20	Black	45	1.75	50	300	10,200	Custom	101002835
20	Black	45	1.75	60	300	10,200	Custom	101002836
20	Black	45	1.75	75	300	10,200	Custom	101002920
20	Black	45	1.75	100	300	10,200	Custom	101002837
20	Black	45	1.75	125	300	10,200	Custom	101009423
20	Black	45	1.75	150	300	10,200	Custom	101002922
20	Black	45	2.35	20	300	10,200	Custom	101027205
20	Black	45	2.35	30	300	10,200	Custom	101002838
20	Black	45	2.35	40	300	10,200	Custom	101002839
20	Black	45	2.35	50	300	10,200	Custom	101002840
20	Black	45	2.35	60	300	10,200	Custom	101002841
20	Black	45	2.35	75	300	10,200	Custom	101002866
20	Black	45	2.35	100	300	10,200	Standard	101002842
20	Black	45	2.35	125	300	10,200	Custom	101009424
20	Black	45	2.35	150	300	10,200	Custom	101002925

Note: Available in white.

Hydro PCND - 20 mm / 45 mil

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	45	3.60	20	300	10,200	Custom	101027405
20	Black	45	3.60	30	300	10,200	Custom	101002927
20	Black	45	3.60	40	300	10,200	Custom	101002843
20	Black	45	3.60	50	300	10,200	Custom	101002844
20	Black	45	3.60	60	300	10,200	Custom	101002928
20	Black	45	3.60	75	300	10,200	Custom	101002845
20	Black	45	3.60	100	300	10,200	Custom	101002846
20	Black	45	3.60	125	300	10,200	Custom	101009425
20	Black	45	3.60	150	300	10,200	Custom	101002930

Note: Available in white.

Hydro PCND Flow Regulated Drip Line



Hydro PCND - 20 mm / 47 mil								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
20	Black	47	1.35	20	300	10,200	Custom	101027225
20	Black	47	1.35	30	300	10,200	Custom	101027213
20	Black	47	1.35	40	300	10,200	Custom	101027375
20	Black	47	1.35	50	300	10,200	Custom	101027206
20	Black	47	1.35	60	300	10,200	Custom	101027376
20	Black	47	1.35	75	300	10,200	Custom	101027430
20	Black	47	1.35	100	300	10,200	Custom	101027380
20	Black	47	1.75	20	300	10,200	Custom	101027386
20	Black	47	1.75	30	300	10,200	Custom	101027217
20	Black	47	1.75	40	300	10,200	Custom	101027241
20	Black	47	1.75	50	300	10,200	Custom	101027218
20	Black	47	1.75	60	300	10,200	Custom	101027387
20	Black	47	1.75	75	300	10,200	Custom	101027257
20	Black	47	1.75	100	300	10,200	Custom	101027249
20	Black	47	2.35	20	300	10,200	Custom	101027397
20	Black	47	2.35	30	300	10,200	Custom	101027215
20	Black	47	2.35	40	300	10,200	Custom	101027398
20	Black	47	2.35	50	300	10,200	Custom	101027207
20	Black	47	2.35	60	300	10,200	Custom	101027208
20	Black	47	2.35	75	300	10,200	Custom	101027221
20	Black	47	2.35	100	300	10,200	Custom	101027251
20	Black	47	3.6	20	300	10,200	Custom	101027407
20	Black	47	3.6	30	300	10,200	Custom	101027408
20	Black	47	3.6	40	300	10,200	Custom	101027409
20	Black	47	3.6	50	300	10,200	Custom	101027239
20	Black	47	3.6	60	300	10,200	Custom	101027209
20	Black	47	3.6	75	300	10,200	Custom	101027210
20	Black	47	3.6	100	300	10,200	Custom	101027235

Note: Available in white.

HydroBloom PC Drip Line

Technical Data HydroBloom PC		
Operating pressure range:		0.75 - 3.5 bar
Filtration requirements: (Based on l/h/dripper)		
l/h	Micron	Mesh
≤ 1.20	100	150
>1.20	130	120
Purchasing Information HydroBloom		
In loose pack and can be packaged by pallets upon request with additional fees		



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

HydroBloom PC Drip line - Hydro PC Drippers

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Brown	40	1.6	30	400	30,000	Custom	101009128
16	Brown	40	1.6	40	400	30,000	Custom	101002740
16	Brown	40	1.6	50	400	30,000	Custom	101009129
16	Brown	40	1.6	60	400	30,000	Custom	101009130
16	Brown	40	1.6	75	400	30,000	Custom	101010216
16	Brown	40	1.6	100	400	30,000	Custom	101009131
16	Brown	40	2.2	30	400	30,000	Custom	101009133
16	Brown	40	2.2	33	400	30,000	Custom	101010024
16	Brown	40	2.2	40	400	30,000	Custom	101009134
16	Brown	40	2.2	50	400	30,000	Custom	101009081
16	Brown	40	2.2	60	400	30,000	Custom	101009135
16	Brown	40	2.2	75	400	30,000	Custom	101010218
16	Brown	40	2.2	100	400	30,000	Custom	101009136
16	Brown	40	2.2	150	400	30,000	Custom	101009137
16	Brown	40	2.2	33	100	30,000	Custom	101010051
16	Brown	40	2.2	50	100	28,800	Custom	101009244

HydroBloom PC Drip line - Hydro PC Drippers								
Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
16	Brown	45	1.6	30	400	30,000	Custom	101009150
16	Brown	45	1.6	40	400	30,000	Custom	101009082
16	Brown	45	1.6	50	400	30,000	Custom	101009064
16	Brown	45	1.6	60	400	30,000	Custom	101009151
16	Brown	45	1.6	75	400	30,000	Custom	101010224
16	Brown	45	1.6	100	400	30,000	Custom	101009152
16	Brown	45	1.6	150	400	30,000	Custom	101009153
16	Brown	45	2.2	30	400	30,000	Custom	101009003
16	Brown	45	2.2	33	400	30,000	Custom	101010017
16	Brown	45	2.2	40	400	30,000	Custom	101009004
16	Brown	45	2.2	50	400	30,000	Custom	101009005
16	Brown	45	2.2	60	400	30,000	Custom	101009006
16	Brown	45	2.2	75	400	30,000	Custom	101010208
16	Brown	45	2.2	100	400	30,000	Custom	101009007
16	Brown	45	2.2	150	400	30,000	Custom	101009008
16	Brown	45	2.2	33	100	4,800	Standard	101010044
16	Brown	45	2.2	40	100	28,800	Custom	101009783
16	Brown	45	2.2	33	50	2,000	Standard	101010018
16	Brown	45	2.2	40	50	30,000	Custom	101009028
16	Brown	45	2.2	50	50	30,000	Custom	101009029
16	Brown	45	2.2	33	25	30,000	Custom	101010019
16	Brown	45	2.2	50	25	30,000	Custom	101009030

HydroBloom Drip Line

Technical Data HydroBloom	
Operating pressure range:	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
Purchasing Information HydroBloom	
In loose pack and can be packaged by pallets upon request with additional fees	



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

HydroBloom Drip line- Hydrogel Drippers

Diameter	Hose Color	Wall	Flow Rate	Spacing	Roll Length	Minimum Order Qty	Order Status	Item Number
		(mil)	(l/h)	(cm)	(m)	(m)		
8	Brown	32	1.2	15	1,000	30,000	Custom	101002532
8	Brown	32	1.2	20	1,000	30,000	Custom	101025519
8	Brown	32	1.2	30	1,000	30,000	Custom	101002472
8	Brown	32	1.2	15	25	30,000	Custom	101025594
8	Brown	32	1.2	20	25	30,000	Custom	101025521
8	Brown	32	1.2	30	25	30,000	Custom	101025522
16	Brown	45	2.0	30	100	28,800	Custom	101024661
16	Brown	45	2.0	33	100	28,800	Custom	101025445
16	Brown	45	2.0	50	100	28,800	Custom	101024665
16	Brown	45	2.0	30	50	30,000	Custom	101024662
16	Brown	45	2.0	33	50	30,000	Custom	101025635
16	Brown	45	2.0	50	50	30,000	Custom	101024666
16	Brown	45	2.0	33	25	30,000	Custom	101025634

Note: Available in brown and green.












Drip Line Fittings

Reliable Connections

Rivulis Irrigation 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			
Start Connectors 	Couplings 	8 mm Fittings 	Barbed X Male Threaded Tee 
Barb x Male Thread 	Barb x Barb Elbow 	Barb x Male Thread Elbow 	Barb x Barb Tee 
Hydroclip 	Line End Clamps 	Drop Stopper 	

Packaging information		BOX
Item Number	Description	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
101030610	Barbed Tee 8X8x8 Brown	

Packaging information		BOX	
Item Number	Description	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					
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number
			(bag)		
	12,16,17,20 Start Connector Grommet	100	100	Standard	101001886
	Barbed Start Connector Black 12 mm - Multi barb	500	500	Standard	101001883
	Barbed Start Connector Green 16 mm S - Multi barb	500	500	Standard	101001885
	Barbed Purple Start Connector 16 mm	500	500	Custom	101030542
	Barbed Start Connector Green 17 mm - Multi barb	500	500	Standard	101003837
	Barbed Start Connector Black 20 mm - Multi barb	500	500	Standard	101001884


Drip Line Fittings - Couplings, Reducing Couplings					
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number
			(bag)		
	Barbed Coupling Connector Brown 16X16 mm S	100	100	Custom	101010386
	Barbed Coupling Connector Purple 16X16 mm - Multi Barb	500	500	Custom	101030569
	Barbed Coupling Connector Green 17X17 mm - Multi Barb	500	500	Standard	101001965
	Barbed Coupling Connector Black 20X20 mm - Multi Barb	500	500	Standard	101001888
	Barbed Coupling Connector Black 25X25 mm - Multi Barb	100	100	Custom	101003865
	Barbed Reducing Coupling Green 16X12 - Multi Barb	500	500	Standard	101003908
	Barbed Reducing Coupling Green 17X16 - Multi Barb	500	500	Standard	101001970
	Barbed Reducing Coupling Green 20X16 - Multi Barb	500	500	Standard	101003888
	Barbed Reducing Coupling Green 20X17 - Multi Barb	500	500	Standard	101003895





Drip Line Fittings - 8 mm Fittings



Image	Description	Minimum Order Qty	Qty (bag)	Order Status	Item Number
	8 mm Insert Coupling - Green	500	500	Custom	101003880
	8 mm Insert Coupling - Brown	500	500	Standard	101030574
	8 mm Insert Elbow - Brown	500	500	Custom	101030604
	8 mm Insert Elbow - Green	100	100	Custom	101003938
	8 mm Insert Tee - Green	100	100	Custom	101003973
	8 mm Insert Tee - Brown	500	500	Custom	101030610
	8 mm X 3/8" THM Adapter - Brown	500	500	Custom	101030602
	8 mm x 1/2" THM Adapter - Brown	500	500	Custom	101030600

Drip Line Fittings - Barb x Male Thread




Image	Description	Minimum Order Qty	Order Status	Item Number
	Adapter Barbed 12 X 1/2" Male Threaded Black	100	Custom	101003912
	Adapter Barbed 12 X 3/4" Male Threaded Black	1,100	Custom	101003913
	Adapter Barbed 16 X 1/2" Male Threaded Black	1,200	Custom	101003914
	Adapter Barbed 12 X 3/4" Male Threaded Black	900	Custom	101003915
	Adapter Barbed 17 X 3/4" Male Threaded Brown	100	Custom	101003916
	Adapter Barbed 20 X 1/2" Male Threaded Black	100	Custom	101003917
	Adapter Barbed 25 X 3/4" Male Threaded Black	100	Custom	101003919

Drip Line Fittings - Barb x Female Thread				
Image	Description	Minimum Order Qty	Order Status	Item Number
	Adapter Barbed 20X3/4" Female Threaded Black	100	Custom	101003920

Drip Line Fittings - Barb x Barb Elbows				
Image	Description	Minimum Order Qty	Order Status	Item Number
	Barbed Elbow Black 12 - MultiBarb	500	Custom	101003927
	Barbed Elbow Black 16 - MultiBarb	1,800	Standard	101003928
	Barbed Elbow Black 17 - MultiBarb	100	Custom	101003929
	Barbed Elbow Black 20 - MultiBarb	900	Custom	101003930



Drip Line Fittings - Barb x Male Thread Elbow				
Image	Description	Minimum Order Qty	Order Status	Item Number
	Elbow Barbed 16X3/4" THM Black	1,300	Custom	101003950
	Elbow Barbed 20x3/4" THM Black	700	Custom	101003953





Drip Line Fittings - Barb x Male Threaded X Barb Tee

Image	Description	Minimum Order Qty	Order Status	Item Number
	Barbed X Male Threaded Tee 16X3/4"X16- MultiBarb	850	Custom	101003993
	Barbed X Male Threaded Tee 17X3/4"X17- MultiBarb	850	Custom	101003995
	Barbed X Male Threaded Tee 20X3/4"X20- MultiBarb	550	Custom	101003997


Drip Line Fittings - Barb x Barb Tee, Reducing Barb x Barb Tee

Image	Description	Minimum Order Qty	Order Status	Item Number
	Barbed Tee Black 12X12X12- MultiBarb	500	Custom	101003960
	Barbed Tee Black 16X16X16- MultiBarb	1,000	Standard	101003961
	Barbed Tee Brown 17X17X17- MultiBarb	1,000	Custom	101003962
	Barbed Tee Black 20X20X20- MultiBarb	650	Custom	101003963
	Barbed Tee Black 25X25X25- MultiBarb	550	Custom	101003964
	Barbed Reducing Tee 12X16X12- MultiBarb	1,800	Custom	101003974
	Barbed Reducing Tee 16X20X16- MultiBarb	900	Custom	101003976

Drip Line Fittings - Hydroclip						
Image	Description	Minimum Order Qty	Qty	Qty	Order Status	Item Number
			(bag)	(box)		
	Hydroclip (Blue) - works with 16 mm Hydrogol, Hydro PC /PCND drip lines	500	5,000	20,000	Standard	101003164
	Hydroclip (Red) - works with 17 mm/20 mm Hydrogol, Hydro PC /PCND drip lines	500	5,000	20,000	Standard	101003163

Drip Line Fittings - Bloompeg						
Image	Description	Minimum Order Qty	Qty	Qty	Order Status	Item Number
			(bag)	(box)		
	Bloompeg 8 mm Green	50	50	50	Custom	101028196
	Bloompeg 8 mm Brown	50	50	50	Custom	101028195
	Bloompeg 12 mm Green	50	50	50	Custom	101028197
	Bloompeg 12 mm Brown	50	50	50	Custom	101028198

Drip Line Fittings - Line End Clamps				
Image	Description	Minimum Order Qty	Qty	Order Status
			(bag)	
	Line End Clamp 12 mm	500	500	Standard
	Line End Clamp 16 mm	500	500	Standard
	Line End Clamp 17 mm	500	500	Custom
	Line End Clamp 20 mm	500	500	Custom

Drip Line Fittings -Drop stopper hanging					
Image	Description	Minimum Order Qty	Qty	Order Status	Item Number
			(box)		
	Drop stopper mining 16mm violet		10,000	Custom	101046410
	Drop stopper hanging 16mm black		5,000	Custom	101046770

Layflat Fitting Spanner						
Description	Size	Product weight	Qty.	Order Status	Min. Qty.	Item number
	(inch)	(Kg)	(bag)		(Ea)	
Layflat Fitting Spanner	32-50 mm (2")	0.14	4	Custom	4	WT15164
Layflat Fitting Spanner	63-110 mm (2.5"-4")	0.39	1	Standard	1	WT15165

Blind Pipe									
Diameter	Class/mil	Hose Color	OD	Max. Pressure	Nominal Wall thickness	Roll Length	Minimum Order Qty	Order Status	Item Number
			(mm)	(bar)	(mm)	(m)	(m)		
8	32	Brown	8.0	2.0	0.81	1000	30000	Custom	WT11921
8	32	Brown	8.0	2.0	0.81	25	30000	Custom	101023742
12	40	Black	12.3-12.5	3.5	1.02	600	30000	Custom	101023701
12	4	Black	12.0-12.3	4	1.15	600	30000	Custom	101002196
16	35	Black	15.5-15.7	3.0	0.89	400	20000	Custom	101023699
16	40	Black	15.7-15.9	3.5	1.02	400	20000	Custom	101002238
16	45	Black	15.9-16.1	3.5	1.14	400	20000	Custom	101008309
16	2.5	Black	16.0-16.3	2.5	1.30	100	20000	Custom	101002191
16	2.5	Black	16.0-16.3	2.5	1.30	400	20000	Custom	101002192
16	4	Black	16.0-16.3	4.0	1.47	100	20000	Custom	101002218
16	4	Black	16.0-16.3	4.0	1.47	400	20000	Custom	101018191
16	6	Black	16.0-16.3	6.0		100	20000	Custom	101002229
16	6	Black	16.0-16.3	6.0		400	20000	Custom	101023657
16	40	Brown	15.7-15.9	3.5	1.02	100	20000	Custom	101042056
16	45	Brown	15.9-16.1	3.5	1.14	100	20000	Custom	101023718
16	45	Brown	15.9-16.1	3.5	1.14	400	20000	Custom	101018197
16	2.5	Brown	16.0-16.3	2.5	1.30	100	20000	Custom	101023637
16	4	Brown	16.0-16.3	4.0	1.47	100	20000	Custom	101023666
16	4	Purple	16.0-16.3	4.0	1.47	100	20000	Custom	101023677
16	45	White	15.9-16.1	3.5	1.14	400	20000	Custom	101023715
16	4	White	16.0-16.3	4.0	1.47	100	20000	Custom	101023663
16	4	White	16.0-16.3	4.0	1.47	400	20000	Custom	101023662
17	47	Black	17.5-17.7	3.5	1.19	350	19950	Custom	101018198
20	40	Black	19.4-19.6	3.5	1.02	300	19800	Custom	101002241
20	45	Black	19.7-19.9	3.5	1.14	300	19800	Custom	101023702
20	2.5	Black	20.0-20.3	2.5		100	19800	Custom	101023667
20	2.5	Black	20.0-20.3	2.5		300	19800	Custom	101002193
20	4	Black	20.0-20.3	4.0		100	19800	Custom	101002217
20	4	Black	20.0-20.3	4.0		300	19800	Custom	101002199
20	6	Black	20.0-20.3	6.0		100	19800	Custom	101023664
20	47	Brown	19.8-20.0	3.5	1.19	100	19800	Custom	101023731
20	4	Brown	20.0-20.3	4.0		100	19800	Custom	101023660
20	4	Brown	20.0-20.3	4.0		300	19800	Custom	101023656
20	6	Purple	20.0-20.3	6.0		100	19800	Custom	WT11872
20	47	White	19.8-20.0	3.5	1.19	300	19800	Custom	101018196
20	2.5	White	20.0-20.3	2.5		300	19800	Custom	101023665
20	4	White	20.0-20.3	4.0		300	19800	Custom	101023676

Blind Pipe

Diameter	Class/mil	Hose Color	OD	Max. Pressure	Nominal Wall thickness	Roll Length	Minimum Order Qty	Order Status	Item Number
			(mm)	(bar)	(mm)	(m)	(m)		
25	2.5	Black	25.0-25.3	2.5		100	10000	Custom	WT11544
25	4	Black	25.0-25.3	4.0		50	10000	Custom	101002202
25	4	Black	25.0-25.3	4.0		100	10000	Custom	101002201
25	6	Black	25.0-25.3	6.0		50	10000	Custom	101023650
25	6	Black	25.0-25.3	6.0		100	10000	Custom	101018194
25	6	Purple	25.0-25.3	6.0		100	10000	Custom	WT11871
25	2.5	White	25.0-25.3	2.5	1.5	200	10000	Custom	101002237
25	4	White	25.0-25.3	4.0		100	10000	Custom	101023672
32	4	Black	32.0-32.3	4.0		50	5000	Custom	101018193
32	4	Black	32.0-32.3	4.0		100	5000	Custom	101002203

Layflat - Standard (Red)

Image	Nominal Diameter		I.D.	Max. Operating Pressure	Wall Thickness	Roll Length	Min. Qty.	Order Status	Item Number
	(inch)	(mm)							
	2	50	52.5	10.3	2.05	100	1	Custom	101001069
3	3	75	78.5	8.8	2.25	100	1	Custom	101001072
	4	100	104	8.8	2.55	100	1	Standard	101001074
	6	150	155	6.8	2.95	100	1	Custom	101001077

Drip Tapes



Drip Tape Quick Reference Guide

	T-Tape	Rodrip	Hydrodrip
Dripper Type	Integrated emitter	Integrated emitter	Molded
Turbulent Flow	✓	✓	✓
Flow Rates (lph)	0.25 - 1.35		0.8 / 1.2 / 1.6 / 2.3
Drip Tape Diameter (mm)	16, 22, 29	16, 22	16, 22
Drip Tape Wall Thickness	5-15 mil	5-10 mil	10-25 mil

Where to use:

If you've got a roof over your crops (hydroponics, greenhouse) or if your plants are in a pot, this is the section you have been looking for

How to use:

For drippers, in some cases you will just insert drippers without tubing, but generally drippers have a tube and peg allowing them to irrigate directly into the pots

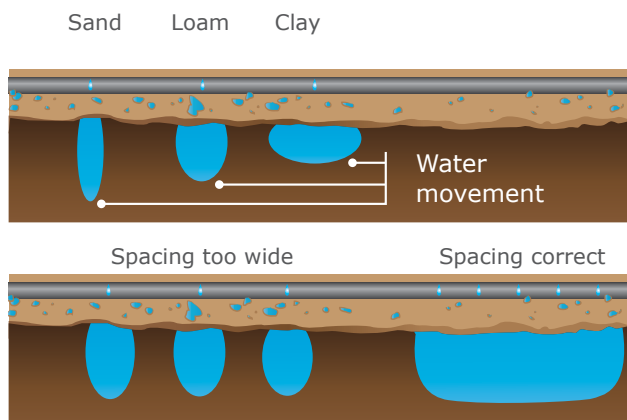
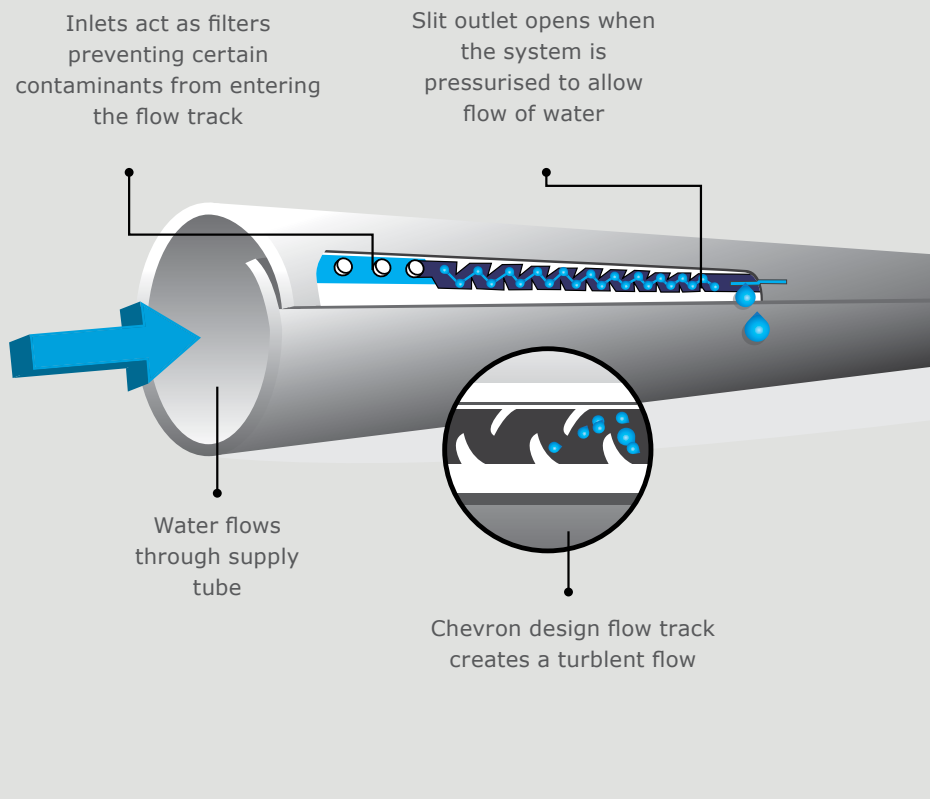
Use with:

There are multiple hose and peg configurations available for your drippers. Save the time and have Rivulis make them for you. Check out our full range of accessories in the Sprays & Sprinklers section

T-Tape Drip Tape

Industry leading drip tape

- One of the most recognized and trusted drip tape brands in the world
- Surface, under colored plastic, and subsurface applications
- White stripe is easy to see
- Strong material



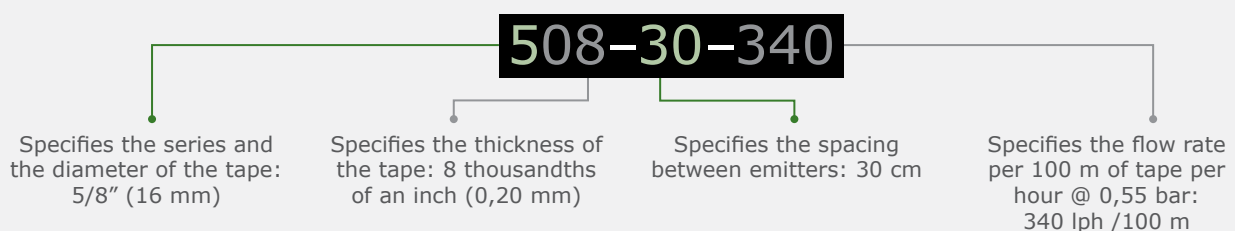
T-Tape Drip Tape

5, 6, 7, 8, 10, 12 or 15 mil wall thickness... How to choose the correct one?

What is mil wall thickness?

A mil is an old-school term that means one thousandth of an inch. So 6 mil wall thickness means the tape is 6 thousandth of an inch thick. 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.

Easy Product Identification



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		

T-Tape Model 505

Short season crops in medium tilled soils that contain slight residue from a previous crop. Beneficial for crops such as strawberries, melons and onions.

T-Tape Model 506

Minimum tilled soils, double cropping, medium textured soils or where rocks or previous crop residue is a factor. Commonly used in tomatoes, peppers, melons and strawberries.

T-Tape Model 508/708

Minimum tilled soils, double cropping, heavier tilled soils, or where more resistance to abrasion and insect damage is desired. Used in peppers, tomatoes, melons and vegetable crops.

T-Tape Model 510/710

Heavy or rocky soil, where insects are a problem, where it is to be moved or reused for multiple seasons.

T-Tape Model 515/715

Heavier soil or soils presenting rougher terrain where insects are a stronger threat, even small animals. Used in sugarcane, asparagus and SDI applications.

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

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

Truck Quantities			
Diameter (mil)	Tautliner		
All	800		

Roll Sizes and Weights		
Diameter/wall (mil)	Length (m)	Av. 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
22/7	1972	29
22/8	1695	29
22/15	915	29

* T-Tape Drip Tape has no inventory in Gvat site.

T-Tape Drip Tape



Technical Data T-Tape 16 mm		
Diameter:	16 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	80	200
0.65 - 1.2	100	150
> 1.2	130	120
Purchasing Information T-Tape 16 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	

T-Tape Drip Tape - 16 mm (5/8" I.D.)						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h/100m)	(m)	(roll)		
5	20	380	3,658	160	Custom	101001473
5	20	500	3,658	20	Standard	101001474
5	30	170	3,658	160	Custom	101001475
5	30	250	3,658	160	Custom	101001476
5	30	340	3,658	160	Custom	101001477
6	10	1,350	3,050	20	Standard	101045761
6	15	500	3,050	160	Custom	101001679
6	15	1,000	3,050	160	Custom	WT13088
6	20	125	3,050	20	Standard	101001478
6	20	250	3,050	20	Standard	101001479
6	20	380	3,050	20	Standard	101001480
6	20	500	3,050	20	Standard	101001481
6	20	500	675	64	Custom	101014489
6	30	170	3,050	20	Standard	101001482
6	30	250	3,050	20	Standard	101001485
6	30	340	3,050	20	Standard	101001488
6	40	250	3,050	160	Custom	101001691

T-Tape Drip Tape - 16 mm (5/8" I.D.)

Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h/100m)	(m)	(roll)		
7	10	1,350	2,800	160	Custom	WT13085
7	15	1,000	2,800	20	Standard	WT14982
7	20	500	2,800	20	Standard	101014490
7	30	250	2,800	160	Custom	101022864
7	30	340	2800	160	Custom	101014491
7	40	190	2,800	160	Custom	WT15158
8	10	750	2,300	160	Custom	101001490
8	10	1,350	2,300	20	Standard	101045762
8	10	1,350	1,150	210	Custom	WT10222
8	15	1,000	1,150	210	Custom	101038231
8	15	1,000	2,300	20	Standard	101001491
8	20	250	2,300	20	Standard	101001492
8	20	380	2,300	20	Standard	101001869
8	20	500	500	64	Custom	101014492
8	20	500	2,300	20	Standard	101001494
8	30	170	2,300	20	Standard	101001497
8	30	250	2,300	20	Standard	101001499
8	30	340	2,300	20	Standard	101001500
8	40	190	2,300	160	Custom	101001710
8	40	250	2,300	160	Custom	101001712
10	15	1,000	1,830	160	Custom	101001508
10	20	500	1,830	20	Standard	101001511
10	20	500	375	64	Custom	101014494
10	30	250	1,830	160	Custom	101001514
10	30	340	1,830	20	Standard	101001515
10	40	250	1,830	160	Custom	101001727
12	20	500	1,554	160	Custom	101001737
12	30	340	1,554	160	Custom	101001738
15	20	500	1,250	20	Standard	101001745
15	30	340	1,250	20	Standard	101001748
15	50	380	1,250	160	Custom	101001754

T-Tape Drip Tape



Technical Data T-Tape 22 mm		
Diameter:	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	80	200
0.65 - 1.2	100	150
> 1.2	130	120
Purchasing Information T-Tape 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	

T-Tape Drip Tape - 22 mm (7/8")						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h/100m)	(m)	(roll)		
6	20	500	2,250	160	Custom	101001522
7	20	250	1,972	160	Custom	101046745
7	20	380	1,972	160	Custom	101046746
7	20	500	1,972	20	Standard	101014495
7	30	250	1,972	20	Standard	101014496
7	30	340	1,972	20	Standard	101014497
7	40	190	1,972	160	Custom	WT15159
8	20	250	1,695	160	Custom	101001534
8	20	380	1,695	160	Custom	101001871
8	20	500	1,695	160	Custom	101001535
8	30	250	1,695	20	Standard	101001542
8	30	340	1,695	20	Standard	101001543
8	40	190	1,695	160	Custom	101014482
10	20	500	1,340	160	Custom	101001545
10	30	250	1,340	160	Custom	101001553
10	30	340	1,340	20	Standard	101001554
12	20	500	1,135	160	Custom	101002084
12	30	340	1,135	160	Custom	101002090
15	30	340	915	20	Standard	101001815
15	40	250	915	160	Custom	101001818

T-Tape Drip Tape



Technical Data T-Tape 29 mm		
Diameter:	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	80	200
0.65 - 1.2	100	150
> 1.2	130	120
Purchasing Information T-Tape 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	

T-Tape Drip Tape - 29 mm

Wall (mil)	Spacing (cm)	Flow Rate (l/h/100m)	Roll Length (m)	Minimum Order Qty (roll)	Order Status	Item Number
8	30	250	1,700	160	Custom	101002124
8	30	340	1,700	160	Custom	101002125

RO-Drip Drip Tape

Two independent anti-plugging systems

- Cost-effective solution
- Above ground or subsurface applications
- Good plug resistance
- Vortex flow action and expanding flow channel



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		



Roll Sizes and Weights		
Diameter/wall (mil)	Length (m)	Av. Weight (kg)
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			
Diameter	20'	40'	40' HC
All	320	608	608

Truck Quantities	
Diameter	Tautliner (13.6 x 2.4 m x 2.4 m)
All	768

Suggested Use of Ro-Drip

5 mil - Used where rocks and pests are at a minimum and where cost is an important factor. Can be used on the surface or in subsurface applications with mulch.

6 mil - Used where rocks and pests are at a minimum and where cost is an important factor. This tape is more resilient than 5 mil and more cost effective than 8 mil.

8 mil - Recommended for new drip tape users seeking a thin walled yet durable tape and for growers who double crop or use their tape for long season crops.

10 mil - Added thickness makes this tape more resistant to mechanical damage from rocky soils and insects than its thinner walled counterparts. This product is well suited for multi-season use in surface or subsurface applications.

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

* RO-Drip Drip Tape has no inventory in Gvat site.

Ro-Drip Drip Tape



Technical Data Ro-Drip 16 mm		
Diameter:	16 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	80	200
0.65 - 1.2	100	150
> 1.2	130	120
Purchasing Information Ro-Drip 16 mm		
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	

Ro-Drip Drip Tape - 16 mm (5/8")						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h/100m)	(m)	(roll)		
5	10	500	3,810	160	Custom	101001195
5	20	340	3,810	160	Custom	101001199
5	20	500	3,810	160	Custom	101001200
5	30	185	3,810	160	Custom	101001201
5	30	300	3,810	160	Custom	101001202
6	10	500	3,048	160	Custom	101001203
6	10	750	3,048	16	Standard	101001204
6	10	1,050	3,048	160	Custom	101001206
6	20	250	3,048	160	Custom	101001209
6	20	340	3,048	160	Custom	101001210
6	20	500	3,048	16	Standard	101001211
6	30	185	3,048	160	Custom	101001213
6	30	300	3,048	160	Custom	101001214

Ro-Drip Drip Tape - 16 mm (5/8")

Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h/100m)	(m)	(roll)		
8	10	500	2,286	160	Custom	101001218
8	10	750	488	63	Custom	101001219
8	10	750	1,000	160	Custom	101038526
8	10	750	2,286	16	Standard	101001220
8	10	1,050	2,286	160	Custom	101001852
8	15	250	2,286	160	Custom	101001221
8	20	250	2,286	160	Custom	101001223
8	20	500	488	63	Custom	101001225
8	20	500	2,286	16	Standard	101001228
8	30	185	2,286	160	Custom	101001229
8	30	300	2,286	16	Standard	101001232
8	20	340	2,286	160	Custom	101001224
8	30	300	488	63	Custom	101001230
8	40	250	2,286	160	Custom	101001234
10	20	500	1,828	160	Custom	101001235
10	30	300	1,828	160	Custom	101001237

Ro-Drip Drip Tape



Technical Data Ro-Drip 22 mm		
Diameter:	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	80	200
0.65 - 1.2	100	150
> 1.2	130	120
Purchasing Information Ro-Drip 22 mm		
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	

Ro-Drip Drip Tape - 22 mm (7/8")						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h/100m)	(m)	(roll)		
8	20	500	1,737	160	Custom	101001263
8	30	185	1,737	160	Custom	101001264
8	30	300	1,737	16	Standard	101001265
10	30	185	1,524	160	Custom	101001267
10	30	300	1,524	160	Custom	101001268

Hydrodrip Drip Tape

The Hydrodrip Drip Tape is made with an injection molded dripper which produces excellent uniformity. Because the Hydrodrip Dripper is flat, it is a good choice for manual or mechanized layout and retrieval. The Hydrodrip Drip Tape is available in several diameters, wall thicknesses, dripper spacings and flow rates to meet the needs of your crop.

The Hydrodrip Drip Tape is suitable for SDI applications.

Outlet types: 10–15 mil: Flap or Hole

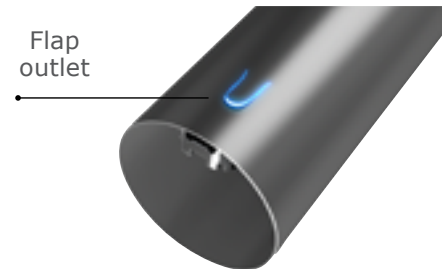
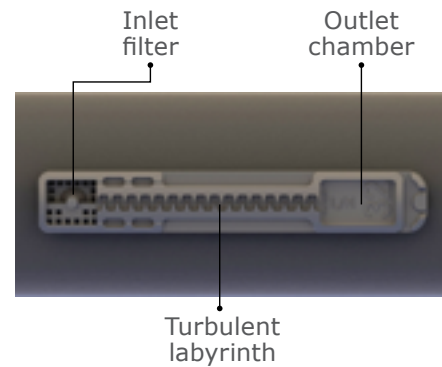
18–25: Hole



Diameter	+	Wall Thickness	+	Flow Rate**	+	Spacing
(mm)		(mil)		(l/h)		(cm)
16		10		0.8		20
22		12		1.20		25
		15		1.65		30
		18*		2.10		40
		25				50
						60
						75
						100

*16 mm only

** @ 1.0 bar



Roll Information			
Diameter	(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

Hydrodrip – Maximum Drip Tape 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	40	50
0.8	16/10-16/15	16.4	168	225	275	321
	16/18	15.2	154	207	252	294
	22/10 - 22/18	22.2	135	181	221	258
1.2	16/10-16/15	16.4	135	181	221	258
	16/18	15.2	123	164	201	234
	16/25	15.2	117	156	191	223
	22/10	22.2	238	316	385	448
	22/15	22.2	240	319	389	452
1.65	16/10-16/15	16.4	113	151	185	216
	16/18	15.2	99	132	162	189
	16/25	15.2	98	132	161	188
	22/10	22.2	199	265	322	375
	22/15	22.2	201	268	326	379
2.1	16/10-16/15	16.4	84	112	137	160
	16/18	15.2	84	112	137	160
	16/25	15.2	83	111	136	158
	22/10	22.2	153	208	256	300
	22/15	22.2	166	221	270	314

Container Quantities					
Diameter/wall	Tautliner (13.7 m)	20'	40'	40' HC	Package
16/10, 16/12, 16/15, 22/10, 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

Hydrodrip Drip Tape

Technical Data Hydrodrip 16 mm	
Diameter:	16 mm
Operating pressure:	1.0 bar
Pressure (for flow rate calculation):	1.0 bar
Filtration requirements: (Based on l/h/dripper)	
l/h	Micron
0.65 - 1.2	100
> 1.2	130
Purchasing Information Hydrodrip 16 mm	
Rolls Per Pallet:	
16/10, 16/15, 22/10, 22/15	16
16/18, 16/25, 22/25	20



Hydrodrip Drip Tape - 16 mm (5/8") - 10 mil

Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
10	15	0.8	2,200	96	Custom	101046631
10	20	0.8	2,200	96	Custom	WT14309
10	20	1.20	2,200	96	Custom	101022508
10	25	1.20	2,200	96	Custom	101024567
10	30	1.20	2,200	64	Standard	101022510
10	40	1.20	2,200	96	Custom	101024568
10	50	1.20	2,200	96	Custom	101024569
10	20	1.60	2,200	96	Custom	101022509
10	25	1.60	2,200	96	Custom	101024570
10	30	1.60	2,200	64	Standard	101022511
10	40	1.60	2,200	96	Custom	101024571
10	50	1.60	2,200	96	Custom	101024572
10	20	2.10	2,200	96	Custom	101024617
10	30	2.10	2,200	96	Custom	101024610
10	40	2.10	2,200	64	Custom	101045333

Hydrodrip Drip Tape - 16 mm (5/8") - 15 mil						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
15	15	0.80	1,300	160	Custom	101046247
15	20	0.80	1,300	160	Custom	101047800
15	20	1.20	1,300	160	Custom	101022512
15	25	1.20	1,300	160	Custom	101024583
15	30	1.20	1,300	160	Custom	101022513
15	40	1.20	1,300	160	Custom	101024584
15	50	1.20	1,300	160	Custom	101024585
15	60	1.20	1,300	160	Custom	WT13926
15	20	1.60	1,300	160	Custom	101022516
15	25	1.60	1,300	160	Custom	101024586
15	30	1.60	1,300	160	Custom	101022514
15	40	1.60	1,300	160	Custom	101024587
15	50	1.60	1,300	160	Custom	101024588
15	20	2.10	1,300	160	Custom	101024611
15	30	2.10	1,300	160	Custom	101024612

Hydrodrip Drip Tape - 16 mm (5/8") - 12 mil						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
12	20	1.20	1,600	160	Custom	101024573
12	25	1.20	1,600	160	Custom	101024574
12	30	1.20	1,600	160	Custom	101024624
12	40	1.20	1,600	160	Custom	101024576
12	50	1.20	1,600	160	Custom	101024577
12	60	1.20	1,600	160	Custom	101024621
12	20	1.60	1,600	160	Custom	101024578
12	25	1.60	1,600	160	Custom	101024579
12	30	1.60	1,600	160	Custom	101024622
12	40	1.60	1,600	160	Custom	101024581
12	50	1.60	1,600	160	Custom	101024582
12	20	2.10	1,600	160	Custom	101042160
12	30	2.10	1,600	160	Custom	101024623

Hydrodrip Drip Tape - 16 mm (5/8") - 18 mil						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
18	20	1.20	1,500	120	Custom	101002314
18	30	1.20	1,500	120	Custom	101002312
18	40	1.20	1,500	120	Custom	101002313
18	50	1.20	1,500	120	Custom	101002317
18	60	1.20	1,500	120	Custom	101002326
18	75	1.20	1,500	120	Custom	101024430
18	100	1.20	1,500	120	Custom	101024415
18	20	1.65	1,500	120	Custom	101002315
18	30	1.65	1,500	120	Custom	101002316
18	40	1.65	1,500	120	Custom	101002319
18	50	1.65	1,500	120	Custom	101002324
18	60	1.65	1,500	120	Custom	101002327
18	75	1.65	1,500	120	Custom	101024442
18	100	1.65	1,500	120	Custom	101024412
18	20	2.10	1,500	120	Custom	101002338
18	30	2.10	1,500	120	Custom	101022517
18	40	2.10	1,500	120	Custom	101022503
18	50	2.10	1,500	120	Custom	101022502
18	60	2.10	1,500	120	Custom	101022504
18	75	2.10	1,500	120	Custom	101024453
18	100	2.10	1,500	120	Custom	101024455

Hydrodrip Drip Tape - 16 mm (5/8") - 25 mil						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
25	20	1.30	800	240	Custom	101022484
25	25	1.30	800	240	Custom	101024433
25	30	1.30	800	240	Custom	101022485
25	40	1.30	800	240	Custom	101022519
25	50	1.30	800	240	Custom	101022483
25	60	1.30	800	240	Custom	101024418
25	75	1.30	800	240	Custom	101024437
25	100	1.30	800	240	Custom	101024422
25	20	1.70	800	240	Custom	101022488
25	25	1.70	800	240	Custom	101024447
25	30	1.70	800	240	Custom	101022487
25	40	1.70	800	240	Custom	101022506
25	50	1.70	800	240	Custom	101024409
25	60	1.70	800	240	Custom	101002325
25	75	1.70	800	240	Custom	101024446
25	100	1.70	800	240	Custom	101024426
25	20	2.20	800	240	Custom	101024456
25	30	2.20	800	240	Custom	101022489
25	40	2.20	800	240	Custom	101024458
25	50	2.20	800	240	Custom	101022507
25	60	2.20	800	240	Custom	101024459
25	75	2.20	800	240	Custom	101024461
25	100	2.20	800	240	Custom	101024463

Hydrodrip Drip Tape

Technical Data Hydrodrip 22 mm		
Diameter:		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 - 1.2	100	150
> 1.2	130	120
Purchasing Information Hydrodrip 22 mm		
Rolls Per Pallet:		
16/10, 16/15, 22/10, 22/12, 22/15,		16
16/18, 16/25, 22/25		20



Hydrodrip Drip Tape - 22 mm (7/8") - 12 mil						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
12	20	1.20	1,200	160	Custom	101024594
12	25	1.20	1,200	160	Custom	101024595
12	30	1.20	1,200	160	Custom	101024596
12	40	1.20	1,200	160	Custom	101024597
12	50	1.20	1,200	160	Custom	101024598
12	20	1.60	1,200	160	Custom	101024599
12	25	1.60	1,200	160	Custom	101024600
12	30	1.60	1,200	128	Standard	101024601
12	40	1.60	1,200	160	Custom	101024602
12	50	1.60	1,200	160	Custom	101024603

Hydrodrip Drip Tape

Technical Data Hydrodrip 22 mm		
Diameter:	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 - 1.2	100	150
> 1.2	130	120
Purchasing Information Hydrodrip 22 mm		
Rolls Per Pallet:		
16/10, 16/15, 22/10, 22/1 2, 22/15,	16	
16/18, 16/25, 22/25	20	



Hydrodrip Drip Tape - 22 mm (7/8") - 10 mil						
Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
10	20	1.20	1,500	128	Custom	101022490
10	25	1.20	1,500	128	Custom	101024589
10	30	1.20	1,500	96	Standard	101022492
10	40	1.20	1,500	128	Custom	101024590
10	50	1.20	1,500	128	Custom	101022494
10	20	1.60	1,500	128	Custom	101022491
10	25	1.60	1,500	128	Custom	101024591
10	30	1.60	1,500	96	Standard	101022493
10	40	1.60	1,500	128	Custom	101024592
10	50	1.60	1,500	128	Custom	101024593
10	20	2.10	1,500	128	Custom	101024613
10	30	2.10	1,500	128	Custom	101024614
10	40	2.10	1,500	128	Custom	101045334

Hydrodrip Drip Tape - 22 mm (7/8") - 15 mil

Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
15	20	1.20	1,000	192	Custom	101022495
15	25	1.20	1,000	192	Custom	101024604
15	30	1.20	1,000	192	Custom	101022497
15	40	1.20	1,000	192	Custom	101024605
15	50	1.20	1,000	192	Custom	101024606
15	60	1.20	1,000	192	Custom	101045448
15	20	1.60	1,000	192	Custom	101022496
15	25	1.60	1,000	192	Custom	101024607
15	30	1.60	1,000	192	Custom	101022498
15	40	1.60	1,000	192	Custom	101024608
15	50	1.60	1,000	192	Custom	101024609
15	20	2.10	1,000	192	Custom	101024615
15	30	2.10	1,000	192	Custom	101024616

Hydrodrip Drip Tape - 22 mm (7/8") - 25 mil

Wall	Spacing	Flow Rate	Roll Length	Minimum Order Qty	Order Status	Item Number
(mil)	(cm)	(l/h)	(m)	(roll)		
25	20	1.30	700	280	Custom	101022968
25	30	1.30	700	280	Custom	101022969
25	40	1.30	700	280	Custom	101022970
25	50	1.30	700	280	Custom	101022971

Drip Tape Fittings








Working with growers, Rivulis Irrigation has developed a tape fitting line that delivers on both improved performance and ease-of-use over other fittings in the industry today. The Drip Tape Fitting line has the most popular fittings, including tape couplings, take-offs and transition bars. Drip Tape Fittings work exceptionally well with all major brands of drip tape.

The Drip Tape Fittings contain many features that make them stand out above the rest. Features such as smooth wings on the body, allowing users to install many fittings with less stress on their hands. Large ridges on the nuts make them easier to tighten, and an advanced sealing interface provides for a positive seal. Additionally, the long tape barb helps guide the drip tape into the right position, and ensures a better seal by allowing more drip tape past the seal point. The bright green nut color makes them more visible in the field and during tape retrieval.



Drip Tape Fittings deliver high performance at a great value. As a member of the Rivulis Irrigation family of products, you can be sure Fittings reflect the tradition, integrity and innovation that have made Rivulis Irrigation a world leader in cost-effective, precision water delivery systems.




Drip Tape Fittings Categories

<p>Tape x Barb</p> 	<p>Tape x Thread</p> 	<p>Couplings</p> 	
<p>Tape x Layflat</p> 	<p>Test Fittings</p> 	<p>Tape Tees</p> 	<p>Valved Fittings</p> 



Pro-Grip - Coupling

Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Coupling	800	800	Standard	101001157
	22 mm (7/8") Coupling	400	400	Standard	101001180

Pro-Grip - Tape x Socket









Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	22 mm (7/8") x 1/2" Socket	500	500	Custom	101001179




Pro-Grip - Tape Ends

Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	Pro Grip 16 mm (5/8") Tape X Flush valve, 0.07 bar	500	500	Standard	101001153
	Pro Grip 16 mm (5/8") Tape x 3/4" End Cap	100	100	Custom	101001148





Pro-Grip - Grommets

Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	Pro-Grip Take Off Grommet, 15 mm, T Style 5/8"	500	7,000	Standard	101001104
	Take Off Grommet, 15 mm, H Style 5/8"	1,000	1,000	Custom	101001102
	Take Off Grommet, 17 mm, T Style 11/16"	250	5,000	Standard	101001105
	Take Off Grommet, 19 mm, T Style	2,500	2,500	Custom	101001106

PRO-GRIP - Tape x Barb					
Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Tape x 250 Barb (6,4 mm)	1,300	1,300	Custom	101001143
	16 mm (5/8") Tape x 400 Barb (10 mm)	1,300	1,300	Standard	101001144
	16 mm (5/8") Tape x 450 Barb (11,5 mm)	1,300	1,300	Standard	101041880
	16 mm (5/8") Tape x 520 Barb (13 mm)	1,100	1,300	Standard	101001145
	16 mm (5/8") Tape x 540 Barb (14 mm)	1,100	1,300	Standard	101041881
	16 mm (5/8") Tape x 700 Barb (18 mm)	1,100	1,300	Custom	101001146
	22 mm (7/8") Tape x 520 Barb (13 mm)	700	700	Custom	101001173
	22 mm (7/8") Tape x 700 Barb (18 mm)	600	600	Custom	101001174

PRO-GRIP - Tape x Thread					
Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Tape x 1/2" MPT	1,000	1,000	Custom	101001156
	22 mm (7/8") Tape x 3/4" MPT	500	500	Standard	101001178
	16 mm (5/8") Tape x 3/4" FPT w/ Washer	800	800	Custom	101001152


PRO-GRIP - Testing Fittings

Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Tape Coupling Test	100	100	Custom	101001147
	16 mm (5/8") Tape End Test	1,000	1,000	Custom	101001149
	22 mm (7/8") Tape End Test	100	100	Custom	101001176
	22 mm (7/8") Tape Coupling Test	100	100	Custom	101001175





PRO-GRIP - Tees

Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Tape Coupling x 520 Barb (13 mm)	500	500	Standard	101001158
	16 mm (5/8") Tape Coupling x 3/4" MPT	400	400	Custom	101001160
	16 mm (5/8") Tape Coupling Tee	400	400	Standard	101001162
	16 mm (5/8") Tape Coupling x 1/2" Socket	400	400	Custom	101001161

PRO-GRIP - Tape x Layflat

Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Tape x Layflat	800	800	Standard	101001154

PRO-GRIP - Valved Fittings					
Image	Description	Minimum Qty. (Ea)	Qty. (box)	Order Status	Item Number
	16 mm (5/8") Tape x 400 Barb (10 mm) w/ Valve	600	600	Custom	101008189
	16 mm (5/8") Tape x 500 Barb (12,5 mm) w/ Valve	600	600	Standard	101001847
	16 mm (5/8") Tape x 425 Barb (10,6 mm) w/ Valve	500	500	Standard	101001846
	16 mm (5/8") Tape x 520 (13 mm) Barb w/ Valve	500	500	Standard	101001848
	16 mm (5/8") Tape x 3/4" MPT w/ Valve	400	400	Standard	101001850
	16 mm (5/8") Tape x 5/8" Tape w/ Valve	400	400	Standard	101001851
	520 (13 mm) Barb x 520 Barb w/ Valve	400	400	Custom	101001094

Drip Line Fittings - Hydrofits - Connectors for Hydrodrip 16/18					
Image	Description	Minimum Order Qty	Qty (bag)	Order Status	Item Number
	Line End Hydrofit 16/18	1,000	1,000	Standard	101004030
	Hydrofit Start Connector 16/18	1,000	1,000	Standard	101010552
	Hydrofit Barbed Coupling-1 Ring 16X16/18	1,000	1,000	Custom	101010553
	Hydrofit Coupling 16/18	1,000	1,000	Custom	101003881

Layflat adaptors				
Image	Description	Qty	Order Status	Item Number
		(bag)		
	Layflat coupling 2" (50mm) ring	6	Custom	Wt15107
	Layflat coupling 2 1/2" (65mm) ring	5	Custom	Wt15108
	Layflat coupling 3" (75mm) ring	2	Custom	Wt15109
	Layflat coupling 4" (100mm) ring	2	Custom	Wt15110
	Layflat tee 2" (50mm) ring	4	Custom	Wt15111
	Layflat tee 2 1/2" (65mm) ring	3	Custom	Wt15112
	Layflat tee 3" (75mm) ring	1	Custom	Wt15113
	Layflat tee 4" (100mm) ring	1	Custom	Wt15114
	Layflat elbow 2" (50mm) ring	4	Custom	Wt15115
	Layflat elbow 2 1/2" (65mm) ring	4	Custom	Wt15116
	Layflat elbow 3" (75mm) ring	2	Custom	Wt15117
	Layflat elbow 4" (100mm) ring	1	Custom	Wt15118
	Layflat plug 2" (50mm) ring	12	Custom	Wt15119
	Layflat plug 2 1/2" (65mm) ring	6	Custom	Wt15120
	Layflat plug 3" (75mm) ring	4	Custom	Wt15121
	Layflat plug 4" (100mm) ring	4	Custom	Wt15122
	Layflat adaptor 2" ring (50mm) x male threaded 2" bsp (50mm)	10	Custom	Wt15123
	Layflat adaptor 2 1/2" ring (65mm) x male threaded 2" bsp (50mm)	6	Custom	Wt15124
	Layflat adaptor 2 1/2" ring (65mm) x male threaded 2 1/2" bsp (65mm)	6	Custom	Wt15125
	Layflat adaptor 3" ring (75mm) x male threaded 3" bsp (75mm)	4	Custom	Wt15126
	Layflat adaptor 4" ring (100mm) x male threaded 3" bsp (75mm)	4	Custom	Wt15127
	Layflat adaptor 4" ring (100mm) x male threaded 4" bsp (100mm)	4	Custom	Wt15128
	Layflat reducer 2 1/2" x 2" (65x50mm) ring	6	Custom	Wt15129
	Layflat reducer 3" x 2 1/2" (75x65mm) ring	2	Custom	Wt15130
	Layflat reducer 4" x 3" (100x75mm) ring	2	Custom	Wt15131

Jet Spray



Tornado Ray Jet Spray

Jet+ Jet Sprays

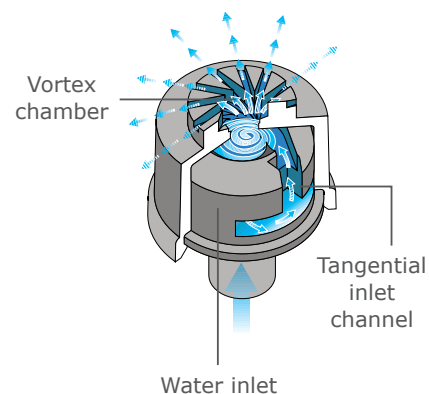
JFR Jet Sprays



Tornado Ray Jet Spray

No moving parts to break, jam, or wear out

- Unique Vortex chamber.
- Best clogging resistance and reliability.
- Years of proven experience in many different crops worldwide.
- Robust structure with compact dimensions.
- No moving parts to break, jam or wear out.
- No bridge - robust structure.
- 2 installation options - Upright or inverted position.
- 3 Wetting Patterns – 180°, 300°, 360° (300° for stem protection).



Tornado Ray Jet Spray

Technical Data Tornado Ray Jet	
Operating pressure range:	1.3 to 3.0 bar
Pressure (for flow rate calculation):	1.5 bar
Filtration requirements:	
l/h	Micron
≤ 40	130
> 40-70	200
> 70	250
Mesh	
	120
	80
	60
Purchasing Information Tornado Ray Jet	
Box	38.5 X 38 X 27 cm
Box Quantity	5,000



1. Tornado Ray Jet - 5 mm Thread



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



3. Tornado Ray Jet - Male Conic

Maximum No. of Sprays on Irrigation Laterals (±5% Flow Variation, 0% slope*)

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

Tornado Ray Jet - 12 Streams, Full Circle

Image	Streams	Outlet Type	Pattern	Flow Rate	Nozzle Color	Minimum Qty.	Order Status	Item Number
				(l/h)				
	12	5 mm Thread	360°	25	Black	500	Standard	201000079
	12	5 mm Thread	360°	34	Blue	500	Standard	201000080
	12	5 mm Thread	360°	55	Green	500	Standard	201000081
3	12	5 mm Thread	360°	70	Red	500	Standard	201000082
	12	Male Conic	360°	25	Black	500	Standard	201000077
	12	Male Conic	360°	34	Blue	500	Standard	101003355
	12	Male Conic	360°	55	Green	500	Standard	201000078
	12	Male Conic	360°	70	Red	500	Standard	101003356

Tornado Ray Jet - 10 Streams, 300°

Image	Streams	Outlet Type	Pattern	Flow Rate	Nozzle Color	Minimum Qty.	Order Status	Item Number
				(l/h)				
	10	5 mm Thread	300°	25	Black	500	Custom	101003361
	10	5 mm Thread	300°	34	Blue	500	Custom	201000083
	10	5 mm Thread	300°	55	Green	500	Custom	201000084
1	10	5 mm Thread	300°	70	Red	500	Custom	201000088
	10	Male Conic	300°	25	Black	500	Custom	101018423
	10	Male Conic	300°	34	Blue	500	Custom	101009616
	10	Male Conic	300°	55	Green	500	Custom	101018424
	10	Male Conic	300°	70	Red	500	Custom	101028566

Tornado Ray Jet - 8 Streams, 180°

Image	Streams	Outlet Type	Pattern	Flow Rate	Nozzle Color	Minimum Qty.	Order Status	Item Number
				(l/h)				
	8	5 mm Thread	180°	25	Black	500	Custom	201000085
	8	5 mm Thread	180°	34	Blue	500	Custom	201000086
	8	5 mm Thread	180°	55	Green	500	Custom	101003363
2	8	5 mm Thread	180°	70	Red	500	Custom	201000087
	8	Male Conic	180°	25	Black	500	Custom	201003431
	8	Male Conic	180°	34	Blue	500	Custom	201003432
	8	Male Conic	180°	55	Green	500	Custom	201003433
	8	Male Conic	180°	70	Red	500	Custom	101003363

Tornado Ray Jet Spray Assemblies

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 jet streams/300° and 12 jet streams/360°

Image	Streams	Pattern	Flow Rate (l/h)	Nozzle Color	Tube (cm)	Stake	Minimum Qty.	Order Status	Item Number
1	10	300°	25	Black	60	Clip Hammer*	500	Custom	101003376
	10	300°	34	Blue	60	Clip Hammer	250	Custom	101028601
	12	360°	25	Black	60	Clip Hammer	200	Custom	101028590
	12	360°	34	Blue	60	Clip Hammer	200	Custom	101028591
	12	360°	55	Green	60	Clip Hammer	200	Custom	101028592
	12	360°	70	Red	60	Clip Hammer	200	Custom	101028593

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

* (CANTAD)

Jet+ Jet Stream Spray

Built-in Anti-Insect Device

- Retracting splash plate
- Motionless operation
- Half, partial, and full circle patterns
- Compatible with range limiters
- Flow Regulation (JFR)



Jet+ – Maximum Recommended No. of Sprays Per Lateral - 0% slope*)

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

Jet+ Jet Stream Spray

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
Purchasing Information Jet+ Stream Spray		
Box	38.5 X 38 X 27 cm	
Box Quantity	5,000	



Jet+ Stream Spray
5 mm thread

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

Jet+ Jet Stream Spray Assemblies



1. Jet+ Jet Spray Assembly with Stake

Jet+ Jet Stream Spray Assemblies

Image	Fitting	Pattern	Color head	Flow Rate (l/h)	Nozzle Color	Tube (cm)	Stake	Min. Qty.	Order Status	Item Number
1	5 mm Thread	360°	Black	39	Black	60	Cantal	250	Custom	101003621
	5 mm Thread	360°	Black	64	D. Blue	60	Cantal	250	Custom	101003623
	5 mm Thread	360°	Black	75	Green	60	Cantal	250	Custom	101003624
	5 mm Thread	360°	Black	102	Red	60	Cantal	250	Custom	101003625
	5 mm Thread	360°	Black	39	Black	60	w/o*	250	Custom	101029233
	5 mm Thread	360°	Black	51	Blue	60	w/o*	250	Custom	101029234
	5 mm Thread	360°	Black	64	D. Blue	60	w/o*	250	Custom	101029237
	5 mm Thread	360°	Black	75	Green	60	w/o*	250	Custom	101029235
	5 mm Thread	360°	Black	102	Red	60	w/o*	250	Custom	101029236

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

* w/o - without stake

JFR Flow Regulated Jet Spray

Built-in Anti-Insect Device

- Retracting splash plate
- Motionless operation
- Half, partial, and full circle patterns
- Compatible with range limiters
- Flow Regulation (JFR)



JFR – Maximum Recommended No. of Sprays Per Lateral

Nozzle Size	Nozzle Color	Flow Rate	Wetting Diameter	Emitter Spacing	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	1.6	2.0	3.0
(mm)		(lph)	(m)*	(m)	(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

JFR Flow Regulated Jet Spray

Technical Data JFR		
Operating pressure range:		1.5 to 3.0 bar
Filtration requirements:		
l/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	



2. JFR Flow Regulated Stream Spray



3. JFR Jet Spray Assembly with Stake

JFR Flow Regulated Jet Stream Spray

Image	Fitting	Pattern	Flow Rate (l/h)	Nozzle Color	Minimum Qty.	Order Status	Item Number
2	3/8" Thread	360°	23	Black	500	Standard	101003502
	3/8" Thread	360°	30	Blue	500	Standard	101003503
	3/8" Thread	360°	41	D. Blue	500	Standard	201000157
	3/8" Thread	360°	53	Green	500	Custom	201000156
	3/8" Thread	360°	70	Red	500	Custom	101003504
	3/8" Thread	360°	95	White	500	Custom	101003509

JFR Flow Regulated Jet Stream Spray Assemblies

Image	Fitting	Pattern	Flow Rate (l/h)	Nozzle Color	Tube (cm)	Stake	Minimum Qty.	Order Status	Item Number
3	3/8" Thread	360°	23	Black	60	Cantal	250	Custom	101003640
	3/8" Thread	360°	30	Blue	60	Cantal	250	Custom	101003637
	3/8" Thread	360°	41	D. Blue	60	Cantal	250	Custom	101003639
	3/8" Thread	360°	53	Green	60	Cantal	250	Custom	101003641
	3/8" Thread	360°	70	Red	60	Cantal	250	Custom	101003638
	3/8" Thread	360°	95	White	60	Cantal	250	Custom	101040507

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

Rondo Micro Sprinkler

Medium-Range Micro Sprinkler

- Retracting splash plate
- Orchards, greenhouses, and vegetable crops.
- Configurable features and flexible installation options
- Optional features: anti-insect cup.



Rondo Micro Sprinkler – Maximum No. of Sprinklers per Lateral (0% slope*)

Nominal Flow Rate	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)					
		ID	OD	3	4	5	6	7	8
(lph)		(mm)	(mm)	(Number of Sprinklers)					
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	8	8
		15.2	17.8	14	13	12	11	10	10
		17.4	20	18	17	15	14	13	13
102	Red	13.6	16	10	8	8	7	7	6
		15.2	17.8	12	10	10	9	8	8
		17.4	20	15	13	12	12	11	10
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

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
Purchasing Information Rondo Micro Sprinkler		
Box	49 X 35.5 X 35.5 cm	
Qty per box:	2,000	



1. Rondo
Ultra Conic Female
(Standard)



2. Rondo
3/8" Thread
(with Meteor only)

Rondo Micro Sprinkler - (inverted applications)

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Minimum Qty.	Order Status	Item Number
	Ultra Conic Female	51	Blue	Blue	500	Custom	101003433
	Ultra Conic Female	132	Blue	White	500	Custom	101003444
	Ultra Conic Female	51	Green	Blue	500	Custom	201005978
1	Ultra Conic Female	75	Green	Green	500	Custom	101003443
	Ultra Conic Female	102	Green	Red	500	Custom	201000277
	Ultra Conic Female	132	Green	White	500	Custom	101003399
2	3/8"Thread	51	Green	Blue	500	Standard	101011803
	3/8"Thread	64	Green	Dk. Blue	500	Custom	201003439
	3/8"Thread	75	Green	Green	500	Standard	201000126
	3/8"Thread	102	Green	Red	500	Standard	101011804
	3/8"Thread	132	Green	White	500	Standard	101011805
	3/8"Thread	174	Green	Violet	500	Standard	101003414
	3/8"Thread	205	Green	Yellow	500	Standard	101003415
	3/8"Thread	51	Blue	Blue	500	Standard	101011800
	3/8"Thread	64	Blue	Dk. Blue	500	Standard	101011807
	3/8"Thread	75	Blue	Green	500	Custom	201000123
	3/8"Thread	102	Blue	Red	500	Standard	101011801
	3/8"Thread	132	Blue	White	500	Standard	201000124
	3/8"Thread	174	Blue	Violet	500	Standard	101011802
	3/8"Thread	205	Blue	Yellow	500	Custom	201000125

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
Purchasing Information Rondo Micro Sprinkler		
Box	49 X 35.5 X 35.5 cm	
Qty per box:	2,000	



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



Rondo Micro Sprinkler Ultra threaded

* Optional: Detachable built-in range limiter provides a restricted wetting diameter.

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



2. Rondo Assembly
Cantal Stake

Rondo Assemblies - Cantal Stake, Meteor #44, 4x7 PE, 4X7 coupling

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Tube (cm)	Stake	Minimum Qty.	Order Status	Item Number
	3/8" Thread	39	Black	Black	60	Cantal	500	Custom	101028939
	3/8" Thread	51	Black	Blue	60	Cantal	500	Custom	101028940
2	3/8" Thread	64	Black	Dk. Blue	60	Cantal	500	Custom	101028941
	3/8" Thread	75	Black	Green	60	Cantal	500	Custom	101028942
	3/8" Thread	102	Black	Red	60	Cantal	500	Custom	101028943



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

Rondo Assemblies - Sup. Hammer Stake, Anti-Ant, 4x7 PE, 4X7 coupling

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Tube (cm)	Stake	Feature	Minimum Qty.	Order Status	Item Number
	3/8" Thread	39	Black	Black	60	Hammer	Anti-Ant	500	Custom	101003543
	3/8" Thread	51	Black	Blue	60	Hammer	Anti-Ant	500	Custom	101003527
3	3/8" Thread	75	Black	Green	60	Hammer	Anti-Ant	500	Custom	101003544



4. Rondo Assembly
Anti-Ant Cup, Cantal Stake

Rondo Assemblies - Cantal Stake, Anti-Ant Cup, 4x7 PE, 4X7 coupling

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Tube (cm)	Stake	Feature	Minimum Qty.	Order Status	Item Number
	5 mm Thread	39	Black	Black	60	Cantal	Anti-Ant	500	Custom	101028991
	5 mm Thread	51	Black	Blue	60	Cantal	Anti-Ant	500	Custom	101011815
4	5 mm Thread	75	Black	Green	60	Cantal	Anti-Ant	500	Custom	101028994
	5 mm Thread	102	Black	Red	60	Cantal	Anti-Ant	500	Custom	101011816



2. Rondo Inverted Assembly

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

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

RFR Flow Regulated Micro Sprinkler

Medium-Range Micro Sprinkler

- Retracting splash plate
- Orchards, greenhouses, and vegetable crops.
- Configurable features and flexible installation options
- Optional features: anti-insect cup.
- RFR - Rondo Micro Sprinkler with Flow Regulation



RFR Micro Sprinkler – Maximum No. of Sprinklers per Lateral

Nominal Flow Rate	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)					
		ID	OD	3	4	5	6	7	8
(lph)		(mm)	(mm)	(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	—	—

RFR Micro Sprinkler

Technical Data RFR Micro Sprinkler		
Operating pressure range:		1.5 to 3.5 bar
Filtration requirements:		
l/h	Micron	Mesh
≤ 40	130	120
> 40-70	200	80
> 70	250	60



1- RFR Flow Regulated Micro Sprinkler

* Optional: Detachable built-in range limiter provides a restricted wetting diameter.

RFR Flow Regulated Micro Sprinkler - (upright applications)

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Minimum Qty.	Order Status	Item Number
1	3/8" Thread	23	Grey	Black	500	Custom	201000141
	3/8" Thread	30	Grey	Blue	500	Custom	201000144
	3/8" Thread	41	Grey	D. Blue	500	Standard	201000143
	3/8" Thread	53	Grey	Green	500	Custom	201000146
	3/8" Thread	70	Grey	Red	500	Custom	201000148
	3/8" Thread	95	Grey	White	500	Custom	201000150

RFR Flow Regulated Micro Sprinkler - With Anti-Ant Cup (upright applications)

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Feature	Minimum Qty.	Order Status	Item Number
2	3/8" Thread	23	Grey	Black	Anti-Ant	500	Custom	201000142
	3/8" Thread	30	Grey	Blue	Anti-Ant	500	Custom	201000145
	3/8" Thread	41	Grey	D. Blue	Anti-Ant	500	Custom	101003445
	3/8" Thread	53	Grey	Green	Anti-Ant	500	Standard	201000147
	3/8" Thread	70	Grey	Red	Anti-Ant	500	Custom	201000149
	3/8" Thread	95	Grey	White	Anti-Ant	500	Custom	101003446



1. RFR Assembly
Cantal Stake

RFR Flow Regulated Assemblies - Cantal Stake, Meteor#44, 4x7 PE Tubing + Blue barb coupling

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Tube (cm)	Stake	Minimum Qty.	Order Status	Item Number
	3/8" Thread	23	Grey	Black	60	Cantal	250	Custom	101029197
1	3/8" Thread	30	Grey	Blue	60	Cantal	250	Custom	101029198
	3/8" Thread	41	Grey	D. Blue	60	Cantal	250	Custom	101029199
	3/8" Thread	53	Grey	Green	60	Cantal	250	Custom	101029200
	3/8" Thread	70	Grey	Red	60	Cantal	250	Custom	101029201
	3/8" Thread	95	Grey	White	60	Cantal	250	Custom	101029202



2. RFR Assembly
Anti-Ant, Cantal Stake

RFR Flow Regulated Assemblies - Cantal, Anti-Ant Cup, 4x7 PE Tubing

Image	Fitting	Flow Rate (l/h)	Spinner	Nozzle	Tube (cm)	Stake	Feature	Minimum Qty.	Order Status	Item Number
	3/8" Thread	23	Grey	Black	60	Cantal	Anti-Ant	250	Custom	101041691
2	3/8" Thread	30	Grey	Blue	60	Cantal	Anti-Ant	250	Custom	101018440
	3/8" Thread	41	Grey	D. Blue	60	Cantal	Anti-Ant	250	Custom	101041692
	3/8" Thread	53	Grey	Green	60	Cantal	Anti-Ant	250	Custom	101041693
	3/8" Thread	70	Grey	Red	60	Cantal	Anti-Ant	250	Custom	101029205
	3/8" Thread	95	Grey	White	60	Cantal	Anti-Ant	250	Custom	101029204

S2000 Micro Sprinkler

Standard/Flow Regulated

The Rivulis Irrigation S2000 Micro Sprinklers and S2000 Flow Regulated Micro Sprinklers are ideal choices for a wide range of applications including short-term crops such as vegetables and long-term crops such as orchards.

Built to last, the S2000 Micro Sprinkler lines incorporate solid bridges, built-in anti-insect protection, and a wear resistance design. In addition to the standard features, the S2000 Micro Sprinkler line can be configured with add-on features like the spinner with integral range limiter for a smaller wetting diameter around young trees. The S2000 Flow Regulated Micro Sprinkler has the added feature of flow regulation extending the use of the sprinklers in applications with sloping fields or long lateral runs.

The S2000 Micro Sprinkler can be installed in different ways including using a plastic stake, a metal stake, and hanging. The Rivulis Irrigation S2000 Micro Sprinkler is also simple to maintain because it can be easily disassembled, allowing for both field maintenance and replacement of individual parts. You can always count on the flexibility and reliability of the Rivulis Irrigation S2000 Micro Sprinkler to deliver the results you need.



S2000 Micro Sprinkler



S2000 Micro Sprinkler with Trunk Protector

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	Nozzle Color	Hose Size		Spacing Between Sprinklers (m)						
			ID	OD	3	4	5	6	7	8	
	(lph)	(mm)	(mm)	(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	

S2000 Micro Sprinkler

Technical Data S2000 Micro Sprinkler		
Operating pressure range:		1.5 - 2.5 bar
Nominal pressure:		2.0 bar
Filtration requirements:		
l/h	Micron	Mesh
29. 37	130	120
51-75	200	80
97 <	250	60
Purchasing Information S2000 Micro Sprinkler		
Quantities Bag:	250	
Quantities Box:	1,500	
Box dimensions:	L490 x W355 x H355	



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



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

S2000 Micro Sprinkler - 3/8" / Female Conic Fitting

Image	Spinner	Nozzle	Flow Rate (l/h)	Spray Diameter (m)	Feature	Minimum Qty.	Order Status	Item Number
1	Black	Lt. Blue	29	6.5		250	Custom	101042242
	Black	Black	37	6.0		250	Custom	101028804
	Black	Blue	51	6.5		250	Custom	101042198
	Black	D. Blue	61	7.0		250	Custom	101042199
	Black	Green	75	8.0		250	Custom	101028805
	Black	Red	97	9.0		250	Custom	101042200
	Black	White	125	10.0		250	Custom	101028806
2	Black	Lt. Blue	29	1.0	Range Limiter*	250	Custom	101042247
	Black	Black	37	1.0	Range Limiter	250	Custom	101028809
	Black	Blue	51	1.4	Range Limiter	250	Custom	101042249
	Black	D. Blue	61	1.4	Range Limiter	250	Custom	101042250
	Black	Green	75	1.4	Range Limiter	250	Custom	101028810
	Black	Red	97	1.4	Range Limiter	250	Custom	101042271
	Black	White	125	2.0	Range Limiter	250	Custom	101028811
	D. Blue	Purple	170	9.5		250	Custom	101028815
	D. Blue	Yellow	205	10.0		250	Custom	101028816
	D. Blue	Brown	260	10.0		250	Custom	101042213
	D. Blue	Orange	300	10.5		250	Custom	101028817

* Detachable built-in range limiter provides a restricted wetting diameter.



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

S2000 Micro Sprinkler Assemblies - 3/8" x Conic (Sprinkler, Meteor#44 adapter, Cantal stake, PE tubing, 4x7 coupling)

Image	Spinner	Nozzle	Flow Rate (l/h)	Adapter	Tube (cm)	Stake	Minimum Qty.	Order Status	Item Number
	Black	Lt. Blue	29	Meteor 44	60	Cantal	250	Custom	101042757
	Black	Black	37	Meteor 44	60	Cantal	250	Custom	101042758
	Black	Blue	51	Meteor 44	60	Cantal	250	Custom	101042759
	Black	D. Blue	61	Meteor 44	60	Cantal	250	Custom	101042760
3	Black	Green	75	Meteor 44	60	Cantal	250	Custom	101042761
	Black	Red	97	Meteor 44	60	Cantal	250	Custom	101042762
	Black	White	125	Meteor 44	60	Cantal	250	Custom	101042763

S2000 Flow Regulated Micro Sprinkler

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:		
l/h	Micron	Mesh
24-41	130	120
53-95	200	80
Purchasing Information S2000 Flow Regulated Micro Sprinkler		
Quantities Bag:	250	
Quantities Box:	1,500	
Box dimensions:	L490 x W355 x H355	



1. S2000 Flow Regulated Micro Sprinkler 3/8"

S2000 Flow Regulated Micro Sprinkler - 3/8"

Image	Spinner	Nozzle	Flow Rate (l/h)	Spray Diameter	Feature	Minimum Qty.	Order Status	Item Number
	Grey	Black	24	5.0	Flow Regulated	250	Custom	101028818
	Grey	Blue	31	5.0	Flow Regulated	250	Custom	101042220
	Grey	D.Blue	41	6.0	Flow Regulated	250	Custom	101042221
1	Grey	Green	53	6.0	Flow Regulated	250	Custom	101028819
	Grey	Red	70	7.0	Flow Regulated	250	Custom	101042222
	Grey	White	95	7.5	Flow Regulated	250	Custom	101028820
	Grey	Black	24	1.0-1.5	Flow Regulated, Range Limiter*	250	Custom	101028821
	Grey	Blue	31	1.0-1.5	Flow Regulated, Range Limiter	250	Custom	101042546
	Grey	D.Blue	41	1.0-1.5	Flow Regulated, Range Limiter	250	Custom	101042547
	Grey	Green	53	1.0-1.5	Flow Regulated, Range Limiter	250	Custom	101028822
	Grey	Red	70	1.0-1.5	Flow Regulated, Range Limiter	250	Custom	101042548
	Grey	White	95	1.0-1.5	Flow Regulated, Range Limiter	250	Custom	101028823

* Detachable built-in range limiter provides a restricted wetting diameter.

S2000 Flow Regulated 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"									
Image	Spinner	Nozzle	Flow Rate	Adapter	Tube	Stake	Minimum Qty.	Order Status	Item Number
			(l/h)		(cm)				
	Grey	Black	24	Meteor#44	60	Cantal	250	Custom	101042862
	Grey	D. Blue	41	Meteor#44	60	Cantal	250	Custom	101042863
	Grey	Grey	44	Meteor#44	60	Cantal	250	Custom	101042864
2	Grey	Green	53	Meteor#44	60	Cantal	250	Custom	101042865
	Grey	Red	70	Meteor#44	60	Cantal	250	Custom	101042866
	Grey	White	95	Meteor#44	60	Cantal	250	Custom	101042867

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


S2000 Micro Sprinkler Accessories

Image	Description	Minimum Qty.	Order Status	Item Number
	S2000 upper bearing	250	Standard	201012709
	S2000 bridge	250	Standard	201012708
	Black spinner for s2000	250	Standard	201000179
	Grey spinner for s2000 flow regulated	250	Standard	201000180
	Black spinner for s2000, limiter	250	Standard	201000184
	Grey spinner for s2000 flow regulated, limiter	250	Standard	201000252
	Dark blue spinner for s2000 for high flow	250	Standard	201012710

S2000 Micro Sprinkler Nozzles - 3/8" x Conic

Image	Description	Color	Flow Rate (l/h)	Minimum Qty.	Order Status	Item Number
	nozzle	LT. Blue	29	250	Custom	201013791
	nozzle	Black	37	250	Custom	101029244
	nozzle	Blue 51lph	51	250	Custom	201013792
	nozzle	D.Blue	61	250	Custom	201013793
	nozzle	Green	75	250	Custom	101029245
	nozzle	Red	97	250	Custom	201013794
	nozzle	White	125	250	Custom	101029246
	nozzle	Violet	170	250	Custom	101029247
	nozzle	Yellow	205	250	Custom	101029248
	nozzle	Brown	260	250	Custom	201013795
nozzle	Orange	300	250	Custom	101029249	
	Nozzle - Flow Regulated	Black	24	250	Custom	101038395
	Nozzle - Flow Regulated	Blue	31	251	Custom	101038395
	Nozzle - Flow Regulated	D.Blue	41	252	Custom	101038395
	Nozzle - Flow Regulated	Green	53	253	Custom	101038395
	Nozzle - Flow Regulated	Red	70	254	Custom	101038395
	Nozzle - Flow Regulated	White	95	255	Custom	101038395

S2000 Micro Sprinkler Nozzles - 5 mm

Image	Description	Color	Flow Rate (l/h)	Minimum Qty.	Order Status	Item Number
	nozzle	LT. Blue	29	250	Custom	201013807
	nozzle	Black	37	250	Custom	201013808
	nozzle	Blue	51	250	Custom	201013809
	nozzle	D.Blue	61	250	Custom	201013810
	nozzle	Green	75	250	Custom	201013811
	nozzle	Red	97	250	Custom	201013812
	nozzle	White	125	250	Custom	201013813
	nozzle	Violet	170	250	Custom	201013814
	nozzle	Yellow	205	250	Custom	201013815

S2000 Micro Sprinkler Nozzles - Conic female

Image	Description	Color	Flow Rate (l/h)	Minimum Qty.	Order Status	Item Number
	nozzle	LT. Blue	29	250	Custom	201013796
	nozzle	Black	37	250	Custom	201013797
	nozzle	Blue	51	250	Custom	201013798
	nozzle	D.Blue	61	250	Custom	201013799
	nozzle	Green	75	250	Custom	201013800
	nozzle	Red	97	250	Custom	201013801
	nozzle	White	125	250	Custom	201013802
	nozzle	Violet	170	250	Custom	201013803
	nozzle	Yellow	205	250	Custom	201013804
	nozzle	Brown	260	250	Custom	201013805
	nozzle	Orange	300	250	Custom	201013806

S2000 Micro Sprinkler Trunk Protector

Image	Description	Minimum Qty.	Order Status	Item Number
1	S2000 Trunk Protector	250	Custom	201013819

The flow regulated nozzle is 3/8" only

Super XL Sprinkler

Single, Continuous Stream

- Slow, rotating rotor sprinkler
- Continuous jet stream of water
- Uniform wetting pattern



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

Super XL Sprinkler – Maximum Recommended no. of Sprinklers on Laterals (0% slope) *

Nominal Flow Rate (lph)	Nozzle Color	Hose Size (mm)	Spacing Between Sprinklers (m)			
			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 - (0% slope) *

Nozzle Color & Size (mm)	Pres. (bar)	Flow Rate (lph)	Wetting Diameter*		Application Rate (mm/h)**														
			Brown Rotor		Spacing (mxm) – Rectangular Layout ***														
			Blue Cover	Green Cover	6x6	6x7	6x8	6x9	6x10	7x7	7x8	7x9	7x10	8x8	8x9	8x10	9x9	9x10	
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	
	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	
Yellow 2.0	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	
	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	
Brown 2.2	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	
	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	
Orange 2.4	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	
	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	

* 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

Super XL Sprinkler

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:		
l/h	Micron	Mesh
24-41	130	120
53-95	200	80
Purchasing Information Super XL Sprinkler		
Quantities Bag:	250	
Quantities Box:	1,500	
Box dimensions:	L490 x W355 x H355	



1. Super XL - 3/8" Thread Base 2. Super XL - 1/2" Thread Base



1. Meteor and tubing assembly (super xl and metal rod sold separately)

Super XL Sprinkler

Image	Fitting	Flow Rate (l/h)	Nozzle	Rotor	Minimum Qty.	Order Status	Item Number
1	3/8" Thread	191	Violet	Brown w/Blue Cover	250	Standard	101003649
	3/8" Thread	235	Yellow	Brown w/Blue Cover	250	Standard	101003653
	3/8" Thread	290	Brown	Brown w/ Green Cover	250	Standard	101003650
	3/8" Thread	341	Orange	Brown w/ Green Cover	250	Standard	101003651
2	1/2" Thread	191	Violet	Brown w/Blue Cover	250	Standard	101003655
	1/2" Thread	235	Yellow	Brown w/Blue Cover	250	Custom	101003656
	1/2" Thread	290	Brown	Brown w/ Green Cover	250	Standard	101003657
	1/2" Thread	341	Orange	Brown w/ Green Cover	250	Custom	101003658

Super XL Assemblies

Image	Description	Minimum Qty.	Order Status	Item Number
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
	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
	Super XL (1/2" Thread) Field Stand, 120 cm 9 x 13 PVC (Requires separate purchase of 8 mm rod and sprinkler)	500	Standard	101003720
	Metal Rod 8 mm - 1.20 m	1	Standard	101003758



S5000 Plastic Impact Sprinkler

Even Distribution of Water

The Rivulis Irrigation S5000 Plastic Impact Sprinklers are engineered to work in a variety of applications including fields using overhead, full-cover irrigation and orchards with under the canopy irrigation. The S5000 Plastic Impact Sprinkler is a well balanced sprinkler that provides an even distribution of water.

The S5000 impact sprinkler is designed with a non-corrosive body with a stainless steel spring for durability, a green cover for protection against sand and dirt, and bayonet nozzles for easy field maintenance or replacement of parts. The sprinklers are available with either one or two nozzles and outfitted with a 1/2" male threaded connection.

Applications: Low angle: Orchards (under tree irrigation) and shade houses. High angle: Open fields (overhead irrigation) and germination of vegetables, flowers, and nursery crop



S5000 Plastic Impact Sprinkler - High Angle/ 1/2" Thread Base



S5000 Plastic Impact Sprinkler - Low Angle/ 1/2" Thread Base

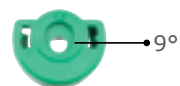


S5000 Plastic Impact Sprinkler High Angle/ 1/2" Thread Base - Partial circle

Nozzles

Low angle

High angle



S5000 Plastic Impact Sprinkler



S5000 Plastic Impact Sprinkler – Maximum Recommended No. of Sprinklers on Laterals (Maximum Flow Rate Variation – 10%, 0% slope) *

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

S5000 Plastic Impact Sprinkler

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:		
l/h	Micron	Mesh
All	200	80
Purchasing Information S5000 Plastic Impact Sprinkler		
Quantities Bag:	50	
Quantities Box:	200	



1. S5000 Plastic Impact Sprinkler Low Angle

S5000 Plastic Impact Sprinkler - Low Angle

Image	Nozzle			Flow Rate (l/h)	Wet. Diameter	Fitting	Minimum Qty.	Order Status	Item Number
	(type)	(degree)	(color)						
	Low Angle	9	Purple	375	17.0	1/2" BSP/NPT	200	Standard	101038303
	Low Angle	9	Orange	485	17.5	1/2" BSP/NPT	200	Standard	101038311
	Low Angle	9	Green	635	16.5	1/2" BSP/NPT	200	Standard	101038312
	Low Angle	12	Purple	408	17.0	1/2" BSP/NPT	200	Standard	101038314
1	Low Angle	12	Orange	507	18.0	1/2" BSP/NPT	200	Standard	101038315
	Low Angle	12	Green	637	17.5	1/2" BSP/NPT	200	Standard	101038316
	Low Angle	14	Purple	379	17.0	1/2" BSP/NPT	200	Standard	101038317
	Low Angle	14	Orange	488	17.5	1/2" BSP/NPT	200	Standard	101038318
	Low Angle	14	Green	629	18.5	1/2" BSP/NPT	200	Standard	101038319

Note: All S5000 Plastic Impact Sprinklers have male threads.

S5000 Plastic Impact Sprinkler

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:		
l/h	Micron	Mesh
All	200	80
Purchasing Information S5000 Plastic Impact Sprinkler		
Quantities Bag:	50	
Quantities Box:	200	



1. S5000 Plastic Impact Sprinkler
Two nozzle sprinklers, High Angle



2. S5000 Plastic Impact Sprinkler
One nozzle sprinklers, High Angle

S5000 Plastic Impact Sprinkler - High Angle (1/2" BSP/NPT)									
Image	Nozzle 1 (Fore)			Nozzle 2 (Rear)	Flow Rate (l/h)	Wet. Diameter	Minimum Qty.	Order Status	Item Number
	(type)	(degree)	(color)	(color)					
1	High Angle	24	Yellow	Plug	390	19.5	200	Standard	101038320
	High Angle	24	Orange	Plug	502	22.5	200	Standard	101038324
2	High Angle	24	Gray	Lt. Green	509	22.0	200	Standard	101042997
	High Angle	24	Yellow	Lt. Green	564	19.0	200	Standard	101038325
	High Angle	24	Orange	Lt. Green	676	21.5	200	Standard	101038329
	High Angle	24	Green	Lt. Green	806	22.5	200	Standard	101042998

Note: All S5000 Plastic Impact Sprinklers have male threads.



3. Impact Sprinkler Field Stand

S5000 Plastic Impact Sprinkler Field Assembly				
Image	Description	Min. Qty.	Order Status	Item Number
3	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	Standard	101029448
	Metal Rod 8mm - 1.20 m	1	Standard	101003758

S5000 Plastic Impact Sprinkler



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



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

S5000 Plastic Impact Sprinkler Nozzles/Accessories

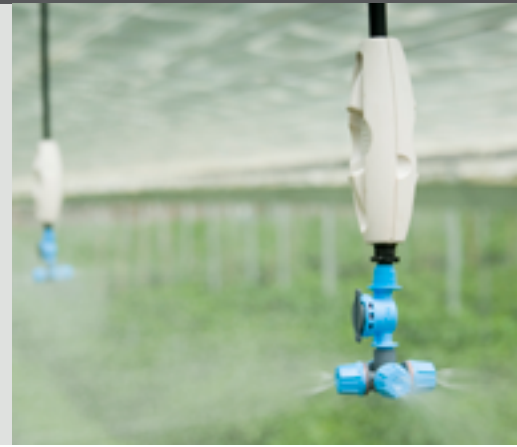
Image	Description	Angle (degree)	Color	Flow Rate (l/h)	Wet. Diameter (m)	Min. Qty.	Order Status	Item Number
4	S5000 Nozzle - Low Angle	9	Violet (2.5)	375	17.0	200	Standard	101038401
	S5000 Nozzle - Low Angle	9	Orange (2.9)	485	17.5	200	Standard	101038404
	S5000 Nozzle - Low Angle	9	Green (3.2)	635	16.5	200	Standard	101038405
	S5000 Nozzle - Low Angle	12	Violet (2.5)	408	17.0	200	Standard	101038410
	S5000 Nozzle - Low Angle	12	Orange (2.9)	507	18.0	200	Standard	101038411
	S5000 Nozzle - Low Angle	12	Green (3.2)	637	17.5	200	Standard	101038412
	S5000 Nozzle - Low Angle	14	Violet (2.5)	379	17.0	200	Standard	101038413
	S5000 Nozzle - Low Angle	14	Orange (2.9)	488	18.0	200	Standard	101038414
	S5000 Nozzle - Low Angle	14	Green (3.2)	629	17.5	200	Standard	101038415
	S5000 Nozzle - High Angle. Front	24	Gray (2.3) X Light green (1.8)	509	22.0	200	Standard	101042999
	S5000 Nozzle - High Angle. Front	24	Yellow (2.6) X Light green (1.8)	564	19.0	200	Standard	101038416
5	S5000 Nozzle - High Angle. Front	24	Orange (2.9) X Light green (1.8)	676	21.5	200	Standard	101038417
	S5000 Nozzle - High Angle. Rear	24	Green (3.2) X Light green (1.8)	806	22.5	200	Standard	101038418
	S5000 Nozzle - High Angle. Rear	24	Blue (3.5) X Yellow (2.5)	1,147	20.5	200	Standard	WT13824
	S5000 Plug - High Angle. Rear	24	Black (4.0) X Yellow (2.5)	1,286	23.5	200	Standard	101038419
	1/2" Female impact sprinkler carrier for field stand					200	Standard	101038634

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

FLF Mist Spray

Fogger Low Flow, Finest Droplets

- Control humidity and temperature in both greenhouses and high tunnels
- Part of a cooling system in animal husbandry
- Irrigation in both cutting propagation and seed germination
- Unique vortex flow
- The FLF produces an average droplet size of 70 microns



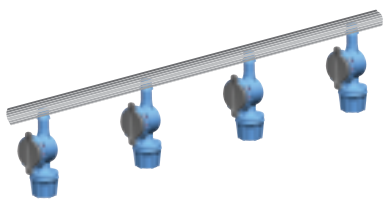
1. FLF Mist Sprayer - Single



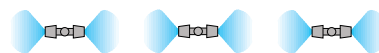
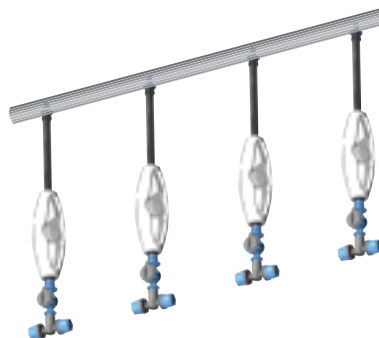
2. FLF - 2-Way



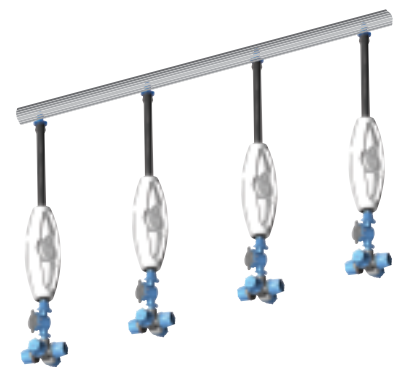
3. FLF - 4-Way



1. Group of single foggers mounted on PVC or PE laterals



2. Group of 2 output foggers mounted



3. Group of 4 output foggers mounted

FLF Mist Spray

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



FLF High Pressure Single, barb



FLF High Pressure Single, Male Conic

Complete FLF Set (ALH, 35cm, 4/7 Tube, weight, conector 4/7)

Image	Description	Flow Rate/outlet (l/h)	Color	Min. Qty.	Order Status	Item Number
	FLF single	5.40	Lt. Blue	500	Standard	201000197
	FLF 2 way	5.40	Dk. Blue	500	Standard	101003674
	FLF 2 way	5.40	Lt. Blue	500	Standard	101003679
	FLF 2 way	10.50	Dk. Blue	500	Standard	101003680
	FLF 4 way	10.50	Lt. Blue	500	Standard	101008234

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

Rondo Mist Spray

Ideal for irrigating during seed germination and cutting propagation.

- No moving parts
- Detachable bayonet nozzle
- Average droplet size: 150 micron
- Applications: Seed germination and cutting propagation in nurseries, cooling and increasing humidity in greenhouses



Maximum no. of Sprinklers on Laterals, 3 bar

Nominal Flow Rate (lph)	Nozzle Color & Diameter (mm)	Deflector Color	Hose Size		Spacing Between Sprinklers (m)					
			ID (mm)	OD (mm)	70	90	100	120	140	150
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)

Flow by Pressure (lph)

Product	Nominal Flow Rate (lph)	Outlet Color	Pressure 2.5 bar (lph)	Pressure 3 bar (lph)	Pressure 4 bar (lph)
Rondo Mist Spray	47	Black	43.1	47.4	55.0
	61	Blue	56.7	62.3	72.3

Rondo Mist Spray

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
≤ 40	130
> 40-70	200
> 70	300
Purchasing Information Rondo Mist Spray	
Box:	49 X 35.5 X 35.5 cm
Qty per box:	2,000
Weight:	12 Kg



1. Rondo Mist Spray
Blue Nozzle

Rondo Mist Spray (inverted applications)






Image	Fitting	Flow Rate (l/h)	Nozzle	Feature	Item Number	Order Status	Minimum Qty.
	Female Conic	47	Black	Mist Spray	201000281	Custom	500
1	Female Conic	61	Blue	Mist Spray	101022981	Custom	500













2. Rondo Hanging Assembly
(Inverted) Mist Spray

Rondo Assemblies Mist Spray (inverted applications)

Image	Fitting	Flow Rate (l/h)	Nozzle	Tube (cm)	Feature	Minimum Qty.	Order Status	Item Number
	Female Conic	47	Black	35	Anti-Leak Valve HP, Weight	250	Custom	101003611
2	Female Conic	61	Blue	35	Anti-Leak Valve HP, Weight	250	Custom	101029220
	Conic Female x conic Male	47	Black	35	Anti-Leak Valve, Weight	500	Custom	101029223
	Conic Female x Conic Male	61	Blue	35	Anti-Leak Valve, Weight	500	Custom	101049217

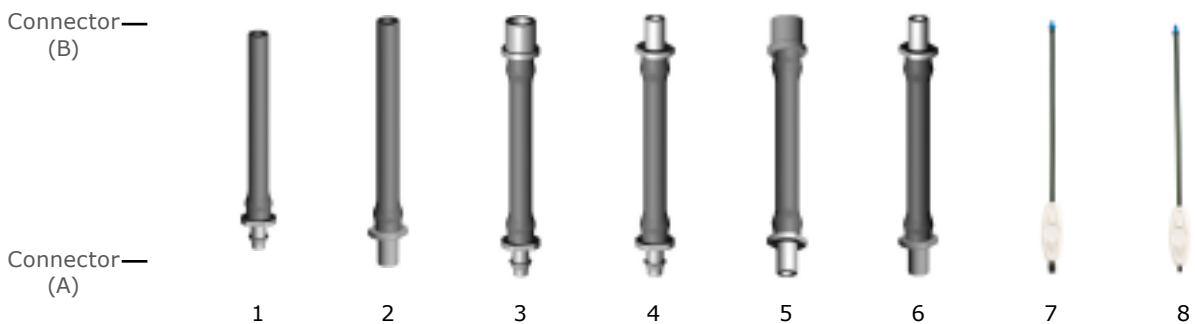
Sprinkler Accessories					
Image	Description	Qty	Minimum Qty.	Order Status	Item Number
		(box)			
	Cantal Stake 35 cm (For Ultra Nozzles and Meteors)	600	550	Standard	201000259
	Cantal Stake 45 cm (For Ultra Nozzles and Meteors)	230	220	Custom	201000851
	Cantal Stake 60 cm (For Ultra Nozzles and Meteors)	220	220	Standard	201000852
	Cantad clip Hammer Stake - Black (For Tornado Ray Jet, Micro Sprinkler, threaded Rondo, or Conic Rondo)	500	500	Standard	201000258
	Hammer Stake (Super) 4/7 - 3/8" F (For Rondo, RFR, Jet+, JFR)	350	500	Standard	201000207
	Metal Rod 8 mm - 1.20 m		1	Standard	101003758

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






Jet+ Jet Spray Parts					
Image	Description	Head Color	Minimum Qty.	Order Status	Item Number
	Jet+ Top 360°	Black	500	Standard	201000194
	Jet+ Top 300°	Orange	500	Custom	201000195
	Jet+ Top 180°	Red	500	Custom	201000787

Micro Sprinkler Tubing Assemblies - PE and PVC							
Image	Tube	Tube Length (cm)	Connector A	Connector B	Minimum Qty.	Order Status	Item Number
1	4x7 mm PE	60	Blue Start Connector		500	Standard	201000255
2	4x7 mm PE	60	Male Conic		500	Custom	101029288
3	4x7 mm PE	60	Blue Start Connector	Female Conic	100	Standard	101011442
4	4x7 mm PE	60	Blue Start Connector	Male Conic	500	Standard	201000256
5	4x7 mm PE	60	Male Conic	Female Conic	500	Custom	101029373
6	4x7 mm PE	60	Male Conic	Male Conic	100	Custom	101013020
1	5x8 mm PE	60	Blue Start Connector		500	Custom	101003692
2	5x8 mm PE	120	Male Conic		100	Custom	101010934
3	4x7 mm PVC	35	Blue Start Connector	Female Conic	500	Custom	101029341
4	4x7 mm PVC	35	Blue Start Connector	Male Conic	500	Custom	101029340
7	4x7 mm PVC w/ Weight	35	Blue Start Connector	Female Conic	500	Custom	101022996
8	4x7 mm PVC w/ Weight	35	Blue Start Connector	Male Conic	500	Standard	201000260

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



Anti-Leak Valves and Weights

Image	Description	Pressure Rating	Inlet	Outlet	Min. Qty.	Order Status	Item Number
	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
	Anti-Leak Valve - Low Pressure (For use with Tornado Mist without Feeder Tubing)	Low	3/8" Male Threads/ Female Conic	Barb	500	Standard	201000203
	Anti-Leak Valve - Standard (For use with Rondo Mist with out feeder Tubing)	Low	Barb	Male Conic	500	Standard	201000204
	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
	Anti-Leak Valve - High Pressure (For use with Tornado Mister and Without Feeder Tubing)	High	Barb	3/8" Male Threads/ Female Conic	500	Standard	201000831
	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
	Anti-Leak Valve - High Pressure (For Use With Tornado Mister and single outlet FLF)	High	Male Conic	3/8" Male Threads/ Female Conic	500	Standard	201000833
	Weight - White				400	Standard	101003723
	4x7 Start connector - grommet				500	Custom	101003862

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

Nozzles for Rondo and Jet+

Image	Description	Flow Rate (l/h)	Nozzle	Minimum Qty.	Order Status	Item Number
	Nozzle - 3/8" Male Thread/Female Conic	39	Black	500	Standard	201000158
	Nozzle - 3/8" Male Thread/Female Conic	51	Blue	500	Standard	201000159
	Nozzle - 3/8" Male Thread/Female Conic	64	D. Blue	500	Standard	201000770
1	Nozzle - 3/8" Male Thread/Female Conic	75	Green	500	Standard	201000160
	Nozzle - 3/8" Male Thread/Female Conic	102	Red	500	Standard	201000161
	Nozzle - 3/8" Male Thread/Female Conic	132	White	500	Standard	201000162
	Nozzle - 3/8" Male Thread/Female Conic	174	Purple	500	Standard	201000163
	Nozzle - 3/8" Male Thread/Female Conic	205	Yellow	500	Standard	201000164
	Nozzle - 3/8" Male Thread/Female Conic	254	Brown	500	Standard	201000771
	Nozzle - 3/8" Male Thread/Female Conic	298	Orange	500	Standard	201000165



1. Nozzle
(3/8" Thread)

Nozzles for RFR and JFR (Flow Regulated)

Image	Description	Flow Rate (l/h)	Nozzle	Minimum Qty.	Order Status	Item Number
	Nozzle (Flow Regulated) - 3/8" Male Thread	23	Black	500	Standard	201000785
	Nozzle (Flow Regulated) - 3/8" Male Thread	30	Blue	500	Standard	201000190
	Nozzle (Flow Regulated) - 3/8" Male Thread	41	D. Blue	500	Standard	201000786
2	Nozzle (Flow Regulated) - 3/8" Male Thread	53	Green	500	Standard	201000191
	Nozzle (Flow Regulated) - 3/8" Male Thread	70	Red	500	Standard	201000192
	Nozzle (Flow Regulated) - 3/8" Male Thread	95	White	500	Custom	201000193



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

Ultra Nozzles for Rondo and Jet+

Image	Description	Flow Rate (l/h)	Nozzle	Minimum Qty.	Order Status	Item Number	
1	Ultra Nozzle - Female Conic	39	Black	500	Standard	201000166	
	Ultra Nozzle - Female Conic	51	Blue	500	Standard	201000922	
	Ultra Nozzle - Female Conic	64	Dk. Blue	500	Standard	201000167	
	Ultra Nozzle - Female Conic	75	Green	500	Standard	201000168	
	Ultra Nozzle - Female Conic	102	Red	500	Standard	201000169	
	Ultra Nozzle - Female Conic	132	White	500	Standard	201000170	
	Ultra Nozzle - Female Conic	174	Violet	500	Standard	201000171	
	Ultra Nozzle - Female Conic	205	Yellow	500	Standard	201000172	
	Ultra Nozzle - Female Conic	254	Brown	500	Custom	201000890	
	Ultra Nozzle - Female Conic	298	Orange	500	Standard	201000173	
	2	Ultra Nozzle - 5 mm Thread	30	Lt. Blue	500	Custom	201000772
		Ultra Nozzle - 5 mm Thread	39	Black	500	Custom	201000174
		Ultra Nozzle - 5 mm Thread	51	Blue	500	Custom	201000175
Ultra Nozzle - 5 mm Thread		64	Dk. Blue	500	Custom	201000176	
Ultra Nozzle - 5 mm Thread		75	Green	500	Custom	201000177	
Ultra Nozzle - 5 mm Thread		102	Red	500	Custom	201000178	
Ultra Nozzle - 5 mm Thread		132	White	500	Custom	201000773	



1. Ultra Nozzle
(Female Conic)



2. Ultra Nozzle
(5 mm Thread)

Rondo Parts

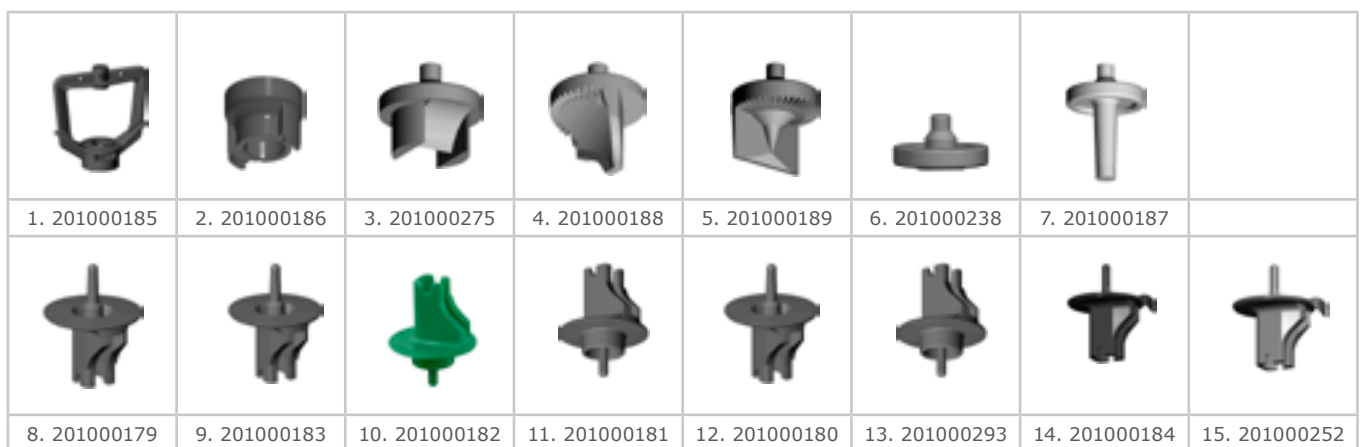
Image	Description	Minimum Qty.	Order Status	Item Number
1	Double Bridge - Rondo	500	Standard	201000185
2	Anti Insect Cap	500	Standard	201000186



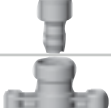

Deflectors for Rondo

Image	Description	Minimum Qty.	Order Status	Item Number
3	Deflector 2X30°, Blue	500	Custom	201000275
4	Deflector 90°, Black	500	Standard	201000188
5	Deflector 180°, Red	500	Standard	201000189
6	Deflector 360°, Green	500	Standard	201000238
7	Deflector - Mist 360°, Purple	500	Standard	201000187

Spinners for Rondo

Image	Description	Minimum Qty.	Order Status	Item Number
8	Spinner -Vertical, Convex Trajectory, Black	500	Standard	201000179
9	Spinner - Vertical, Flat Trajectory, Purple	500	Standard	201000183
10	Spinner -Inverted, Convex Trajectory, Green	500	Standard	201000182
11	Spinner -Inverted, Flat Trajectory, Blue	500	Standard	201000181
12	Spinner -Vertical, Convex Trajectory (RFR), Grey	500	Standard	201000180
13	Spinner -Inverted, Flat Trajectory (RFR), Red	500	Standard	201000293
14	Spinner -Vertical - Limiter, Black	500	Custom	201000184
15	Spinner -Vertical (RFR) - Limiter, Grey	500	Standard	201000252



Meteor Adapters										
Image	Description	Color	Mat.	Inlet Con.	Outlet Con.	Connects with:	Applications	Min. Qty.	Order Status	Item Number
	Meteor 44	Black	PP	Barb	3/8" THF	4x7 mm Tubing	Rondo 3/8", Jet+, RFR, JFR, Super XL	500	Standard	201000822
	Meteor 54	Brown	Acetal	Barb	3/8" THF	4x7 mm, 5x8 mm Tubing	Rondo 3/8", Jet+, RFR, JFR, Super XL	500	Custom	201000865
	Meteor 46	Black	PP	Barb	1/2" THM/ 3/8" THF	4x7 mm	Tornado Take-Apart	500	Standard	201000200
	Meteor 46 - 1.5 bar Regulation	Black	PP	Barb	1/2" THM/ 3/8" THF	4x7 mm	Tornado Take-Apart	500	Custom	201000828
	Meteor 47	Black	PP	Barb	3/8" THF	4x7 mm, 5x8 mm	Rondo 3/8", Jet+, RFR, JFR	500	Custom	201000866
	Meteor 67	Black	PP	1/2" Male	3/8" THF	1/2" Female Thread	Rondo, Jet+, Super XL	500	Custom	201012728
	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
	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
	Meteor 14	Black	PP	10 x 12 Barb	3/8" THF	PE 10x12 mm y PVC 9x13 mm	Rondo, Super XL	500	Standard	201000818
	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
	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
	Holder	Black						500	Custom	201000846
	MSA 20	Black	PP	5 mm threaded	3/8" Female threaded	4x7 mm Tubing	"Rondo 3/8", Jet+, RFR, JFR, Super XL"	500	Standard	201014896
	MSA 71	Black	Acetal	Conic female	Conic female	Conic male connector	Tornado & Anti Leak	500	Standard	201000201
	MSA 75	Black	Acetal	Conic female	3/8" Female threaded	Conic male connector	RFR, Rondo, JFR, Jet+	500	Standard	201000881

System Head and Distribution Network



Filtration

Durable line of filters for every need.

The Rivulis Irrigation 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 HydroCyclone Sand Separator	Centrifugal action		Continuous centrifugal forces	Standard	1.5 -8	40-200
F2000 Media Filter	Media		Backflush (automatic controller)	A. Individuals media tanks B. Complete media systems	16. 20. 24. 36. 48 Tank	
F3100 Metal Screen Filter (Manual)	Screen	Manual	Manual	Angle. In-Line	3-12	80-300
F3200 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	4 - 14	100-350
F3300 Metal Screen Filter with Electric Operation	Screen	Automatic - electric	Hydraulic suction nozzles	Parallel	3-20	50-500
F3400 Metal Screen Filter with Brushes and Internal Flushing Mechanism	Screen	Semi-automatic	Brushes	In-Line. parallel	3-8	80-200
F3400 Metal Screen Filter with Internal Flushing Mechanism	Screen	Semi-automatic	Hydraulic suction nozzles	Parallel	4- 8	100-200
F3400 Metal Screen Filter with Continuous Circulation	Screen		Continuous circulation	In-Line	3- 10	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				

Pre-Filtration Strainer

Ideal for irrigating during seed germination and cutting propagation.

The Pre-Filtration Strainer is designed to protect pumps, water gauges, valves, etc'. The filter prevents the penetration of stones and large particles into the water system, during operation. To get the best results, the filter must be correctly installed, properly operated and maintained. The Pre-Filtration Strainer prevents the penetration of stones and large particles into the water system during operation.



Product Information

Screen options: 3000 micron

Key Operating Guidelines

Head loss not to exceed: 0.25 bar

Maximum operating pressure:
8.0 bar

Maximum pressure: 10.0 bar

Pre-Filtration Strainer – Product Specifications/Options

Inlet/Outlet		Connections	Maximum Flow Rate (m ³ /h)	Screens (micron)
(inch)	(mm)			
3	80	BSTD, ISO-16	40	3000
4	100	BSTD, ISO-16	65	3000
6	150	BSTD, ISO-16	150	3000
8	200	BSTD, ISO-16	260	3000
10	250	BSTD, ISO-16	400	3000
12	300	BSTD, ISO-16	580	3000
14	350	BSTD, ISO-16	700	3000
16	400	BSTD, ISO-16	880	3000
18	450	BSTD, ISO-16	1150	3000
20	500	BSTD, ISO-16	1450	3000
24	600	BSTD, ISO-16	2000	3000

Pre-Filtration Strainer – Head Loss Chart (bar)

Filter Size		Flow Rate (m ³ /h)												
		40	60	80	100	125	150	175	200	250	300	400	500	700
(inch)	(mm)	Head Loss (bar)												
3	80	0.05	0.12	0.21	0.33	0.51	0.73	1.00	—	—	—	—	—	—
4	100	—	0.05	0.08	0.13	0.21	0.3	0.4	0.53	0.83	1.19	—	—	—
6	150	—	—	—	0.04	0.06	0.09	0.12	0.16	0.26	0.37	0.65	1.02	—
8	200	—	—	—	—	—	—	—	0.05	0.07	0.10	0.18	0.28	0.64

Pre-Filtration Strainer – Head Loss Chart (bar)

Filter Size		Flow Rate (m ³ /h)												
		300	500	750	1000	1250	1500	1750	2000	2500	3000	3500	4500	5500
(inch)	(mm)	Head Loss (bar)												
10	250	0.06	0.17	0.37	0.66	1.03	—	—	—	—	—	—	—	—
12	300	—	0.07	0.16	0.28	0.43	0.62	0.85	1.11	—	—	—	—	—
14	350	—	0.05	0.12	0.21	0.33	0.47	0.64	0.84	—	—	—	—	—
16	400	—	—	0.09	0.16	0.24	0.35	0.47	0.62	0.97	—	—	—	—
18	450	—	—	—	0.07	0.1	0.15	0.2	0.26	0.41	0.59	0.81	—	—
20	500	—	—	—	0.05	0.08	0.11	0.15	0.20	0.31	0.45	0.61	1.01	—
24	600	—	—	—	—	0.04	0.06	0.08	0.11	0.17	0.25	0.34	0.56	0.84

Pre-Filtration Strainer – Product Dimensions

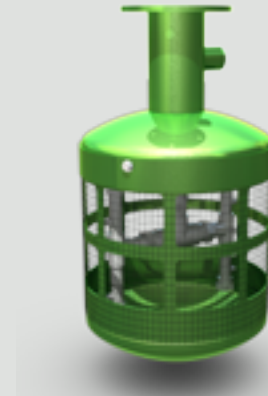
Inlet/Outlet		B	D	A	H	H1	Weight
(inch)	(mm)	(mm)	(inch)	(mm)	(mm)	(mm)	(kg)
3	80	80	6	330	560	292	40
4	100	100	6	330	580	292	45
6	150	150	8	420	610	292	65
8	200	200	10	515	665	294	95
10	250	250	12	565	715	334	120
12	300	300	14	655	795	336	170
14	350	350	16	710	825	378	220
16	400	400	18	760	870	400	275
18	450	450	20	810	890	392	350
20	500	500	24	980	950	417	575
24	600	600	28	1080	1115	503	670

Pre-Filtration Strainers (Stone Collectors)

Inlet/Outlet Size		Connection Type	Screen Rating	Minimum Qty.	Order Status	Item Number
(Inch)	(mm)					
3	80	BSTD	3,000	1	Custom	101043910
3	80	ISO-16	3,000	1	Custom	101043911
4	100	BSTD	3,000	1	Custom	101043913
4	100	ISO-16	3,000	1	Custom	101043914
6	150	BSTD	3,000	1	Custom	101043916
6	150	ISO-16	3,000	1	Custom	101043917
8	200	BSTD	3,000	1	Custom	101043919
8	200	ISO-16	3,000	1	Custom	101043920
10	250	BSTD	3,000	1	Custom	101043889
10	250	ISO-16	3,000	1	Custom	101043890
12	300	ISO-16	1,000	1	Custom	WT15000
12	300	ISO-16	1 500	1	Custom	WT15001
12	300	BSTD	3,000	1	Custom	101043892
12	300	ISO-16	3,000	1	Custom	101043893
14	350	BSTD	3,000	1	Custom	101043895
14	350	ISO-16	3,000	1	Custom	101043896
16	400	ISO-16	1,000	1	Custom	WT14984
16	400	BSTD	3,000	1	Custom	101043898
16	400	ISO-16	3,000	1	Custom	101043899
18	450	BSTD	3,000	1	Custom	101043901
18	450	ISO-16	3,000	1	Custom	101043902
20	500	BSTD	3,000	1	Custom	101043904
20	500	ISO-16	3,000	1	Custom	101043905
24	600	BSTD	3,000	1	Custom	101043907
24	600	ISO-16	3,000	1	Custom	101043908

Self-Cleaning Suction Strainer

This strainer has been designed and manufactured to achieve the highest standards of quality and finish. The strainer is used as a preliminary filter to a water pump inlet. Due to its self-cleaning operation, this strainer reduces the pump's maintenance and increases significantly its efficiency. The self-cleaning suction strainer is designed to protect the pump from clogging by debris and solid dirt. It is connected prior to the pump inlet and submerged in the water source (river, lake, reservoir etc.).



Product Information
Screen options: 1200, 2500 micron

Key Operating Guidelines
Minimum pressure for back flushing: 1.5 bar

Self-Cleaning Suction Strainer – Product Specifications/Options

Inlet/Outlet		Connections	Screen	Maximum Flow Rate	Flush Flow Rate	Weight		
(inch)	(mm)		(micron)	(m ³ /h)	(m ³ /h)	(kg)		
4	100	BSTD ISO-16	1200	80	5.0	24		
			2500	100				
6	150		1200	180		5.0	35	
			2500	230				
8	200		1200	300			6.5	40
			2500	380				
10	250		1200	420	6.5			57
			2500	550				
12	300		1200	600		6.5		62
			2500	750				
14	350		1200	800			6.5	71
			2500	1000				
16	400	1200	1000	6.5	81			
		2500	1200					

Self-Cleaning Suction Strainer – Product Dimensions

Size		B	D	C	H	Weight
(inch)	(mm)	(mm)	(inch)	(mm)	(mm)	(kg)
4	100	100	16	40	650	24
6	150	150	20	40	770	35
8	200	200	20	40	970	40
10	250	250	24	40	1040	57
12	300	300	24	40	1240	62
14	350	350	36	40	1340	71
16	400	400	36	40	1340	81

Self-Cleaning Suction Strainer



Self-Cleaning
Suction Strainer

Self-Cleaning Suction Strainers (Pre-Filtration)							
Description	Inlet/Outlet Size		Connection Type	Screen Rating	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)					
Self-Cleaning Suction Strainer	4	100	BSTD	1 200	1	Custom	101043947
Self-Cleaning Suction Strainer	4	100	BSTD	2 500	1	Custom	101043948
Self-Cleaning Suction Strainer	4	100	ISO-16	1 200	1	Custom	101043949
Self-Cleaning Suction Strainer	4	100	ISO-16	2 500	1	Standard	101043950
Self-Cleaning Suction Strainer	6	150	BSTD	1 200	1	Custom	101043953
Self-Cleaning Suction Strainer	6	150	BSTD	2 500	1	Custom	101043954
Self-Cleaning Suction Strainer	6	150	ISO-16	1 200	1	Custom	101043955
Self-Cleaning Suction Strainer	6	150	ISO-16	2 500	1	Standard	101043956
Self-Cleaning Suction Strainer	8	200	BSTD	1 200	1	Custom	101043959
Self-Cleaning Suction Strainer	8	200	BSTD	2 500	1	Custom	101043960
Self-Cleaning Suction Strainer	8	200	ISO-16	1 200	1	Custom	101043961
Self-Cleaning Suction Strainer	8	200	ISO-16	2 500	1	Standard	101043962
Self-Cleaning Suction Strainer	10	250	BSTD	1 200	1	Custom	101043923
Self-Cleaning Suction Strainer	10	250	BSTD	2 500	1	Custom	101043924
Self-Cleaning Suction Strainer	10	250	ISO-16	1 200	1	Custom	101043925
Self-Cleaning Suction Strainer	10	250	ISO-16	2 500	1	Custom	101043926

Self-Cleaning Suction Strainer



Self-Cleaning
Suction Strainer

Self-Cleaning Suction Strainers (Pre-Filtration)

Description	Inlet/Outlet Size		Connection Type	Screen Rating	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)					
Self-Cleaning Suction Strainer	12	300	BSTD	1 200	1	Custom	101043929
Self-Cleaning Suction Strainer	12	300	BSTD	2 500	1	Custom	101043930
Self-Cleaning Suction Strainer	12	300	ISO-16	1 200	1	Custom	101043931
Self-Cleaning Suction Strainer	12	300	ISO-16	2 500	1	Custom	101043932
Self-Cleaning Suction Strainer	14	350	BSTD	1 200	1	Custom	101043935
Self-Cleaning Suction Strainer	14	350	BSTD	2 500	1	Custom	101043936
Self-Cleaning Suction Strainer	14	350	ISO-16	1 200	1	Custom	101043937
Self-Cleaning Suction Strainer	14	350	ISO-16	2 500	1	Custom	101043938
Self-Cleaning Suction Strainer	16	400	BSTD	1 200	1	Custom	101043941
Self-Cleaning Suction Strainer	16	400	BSTD	2 500	1	Custom	101043942
Self-Cleaning Suction Strainer	16	400	ISO-16	1 200	1	Custom	101043943
Self-Cleaning Suction Strainer	16	400	ISO-16	2 500	1	Custom	101043944

F1000 Hydrocyclone Sand Separator

The Rivulis Irrigation 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. Rivulis Irrigation F1000 Hydrocyclone Sand Separators are available with several options including flow rates and tank collector sizes.



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

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

F1000 Hydrocyclone Sand Separator – Product Dimensions and Weights

Inlet/ Outlet – B		D	H	H1	H2	L	T	Weight
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(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



F1000 Hydrocyclone Sand Separator

Technical Data	
Recommended head loss:	0.2-0.5 bar
Working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F1000 Hydrocyclone Sand Separators

Inlet/Outlet Size		Connection Type	Underflow Chamber Volume (L)	Minimum Qty.	Order Status	Item Number
(inch)	(mm)					
1.5	40	BSP	10	1	Custom	101044524
1.5	40	VIC	10		Custom	101044526
2	50	BSP	10	1	Standard	101043043
2	50	VIC	10		Custom	101043045
3	80	ISO-16	10	1	Standard	101043048
3	80	VIC	10		Custom	101043049
4	100	ISO-16	120	1	Standard	101043052
4	100	VIC	120	1	Custom	101043053
4 x 3	100 x 80	ISO-16	60	1	Standard	101043056
4 x 3	100 x 80	VIC	60	1	Custom	101043057
6	150	BSTD	220	1	Custom	101043059
6	150	ISO-16	220	1	Standard	101043060
6	150	VIC	220	1	Custom	101043061
6 L	150	ISO-16	220	1	Standard	101043064
6 L	150	VIC	220	1	Custom	101043065
8	200	ISO-16	320	1	Standard	101043068
8	200	VIC	320	1	Custom	101043069

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

F2000 Media Filter

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. Filtration occurs when water passes through the open spaces and between sand particles, trapping the solid particles. The F2000 Media Filters 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.



F2000 Media Filter Array

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 – 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

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

F2000 Media Filter



F2000 Media Filter

Technical Data	
Pressure differential not exceed:	0.5 bar
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F2000 Media Filter - 2" & 3"

Description	Inlet/Outlet Size		Tank Size (inch)	Connection Type	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)					
F2000 Media Filter	2	50	16	BSP	1	Standard	101043070
F2000 Media Filter	2	50	20	BSP	1	Standard	101043073
F2000 Media Filter	2	50	24	BSP	1	Standard	101043080
F2000 Media Filter	2	50	16	VIC	1	Custom	101043072
F2000 Media Filter	2	50	20	VIC	1	Custom	101043075
F2000 Media Filter	2	50	24	VIC	1	Custom	101043082
F2000 Media Filter	3	80	24	ISO-16	1	Standard	101043085
F2000 Media Filter	3	80	24	BSP	1	Custom	101045563
F2000 Media Filter	3	80	24	VIC	1	Custom	101043086
F2000 Media Filter	3	80	20	ISO-16	1	Standard	101043078
F2000 Media Filter	3	80	20	VIC	1	Custom	101043079
F2000 Media Filter	3	80	30	ISO-16	1	Custom	101046358
F2000 Media Filter	3	80	30	VIC	1	Custom	101046359
F2000 Media Filter	3	80	30	ISO-16	1	Standard	101043089
F2000 Media Filter	3	80	30	VIC	1	Custom	101043090
F2000 Media Filter	3	80	36	ISO-16	1	Custom	101046363
F2000 Media Filter	3	80	36	VIC	1	Custom	101046364
F2000 Media Filter	3	80	20	BSP	1	Custom	101045562
F2000 Media Filter	3	80	36	ISO-16	1	Standard	101043093
F2000 Media Filter	3	80	36	VIC	1	Custom	101043094

F2000 Media Filter - 4"							
Description	Inlet/Outlet Size		Tank Size	Connection Type	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)	(inch)				
F2000 Media Filter	4	100	48	ISO-16	1	Standard	101043097
F2000 Media Filter A	4	100	A 48	ISO-16	1	Custom	101046368
F2000 Media Filter MODULAR	4	100	48	VIC	1	Custom	WT15237
F2000 Media Filter	4	100	48	VIC	1	Custom	101043098
F2000 Media Filter A	4	100	A 48	VIC	1	Custom	101046369
F2000 Media Filter	4	100	60	ISO-16	1	Custom	WT10269
F2000 Media Filter A 6	4	100	A 60	ISO-16	1	Custom	101046370
F2000 Media Filter A	4	100	A 60	VIC	1	Custom	101046371
F2000 Media Filter	4	100	60	VIC	1	Custom	101043099

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



F2000 Media Filter Array

Technical Data	
Pressure differential not exceed	0.5 bar
Maximum working pressure	8.0 bar
Maximum pressure	10.0 bar

F2000 Array											
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
		(inch)									
F2000 3X20"+ F3100 1X3"+ Controller	DC	20"	3	18	13	39	15	3"	ISO 16	Standard	101044812
F2000 2x24"+ F3100 1x3"+ Controller	DC	24"	2	28	20	40	25	3"	ISO 16	Custom	WT11575
F2000 3x24"+ F3100 1x4"+ Controller	DC	24"	3	28	20	60	25	4"	ISO 16	Standard	101044813
F2000 4x24"+ F3100 1x4"+ Controller	DC	24"	4	28	20	80	25	4"	ISO 16	Standard	101044814
F2000 5x24"+ F3100 1x4"+ Controller	DC	24"	5	28	20	100	25	4"	ISO 16	Custom	101044815
F2000 6X24"+ F3100 1X6"+ Controller	DC	24"	6	28	20	120	25	6"	ISO 16	Custom	101044816
F2000 2x30"+ F3100 1x4"+ Controller	AC	24"	2	35	30	60	38	4"	ISO 16	Custom	WT15105
F2000 3x30"+ F3100 1x4"+ Controller	DC	30"	3	35	30	90	38	4"	ISO 16	Custom	WT15102
F2000 4x30"+ F3100 1x6"+ Controller	AC	30"	4	35	30	120	38	6"	ISO 16	Custom	WT15106
F2000 6x30"+ F3100 1x6"+ Controller	AC	30"	6	35	30	180	38	6"	ISO 16	Custom	WT15103

F2000 Array											
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
		(inch)		(m3/h)	(m3/h)	(m3/h)	m3/h	(inch)			
F2000 2x36" + F3100 1X4"+ Controller	DC	36"	2	62	43	86	54	4"	ISO 16	Custom	WT13831
F2000 3x36" + F3100 1X6"+ Controller	DC	36"	3	62	43	129	54	6"	ISO 16	Standard	101044817
F2000 4x36" + F3100 1X6"+ Controller	DC	36"	4	62	43	172	54	6"	ISO 16	Custom	101044818
F2000 5x36" + F3100 1X6"+ Controller	DC	36"	5	62	43	215	54	6"	ISO 16	Custom	101044819
F2000 6x36" + F3100 1X6"+ Controller	DC	36"	6	62	43	258	54	6"	ISO 16	Custom	101044820
F2000 8x36" + F3100 1X6"+ Controller	DC	36"	8	120	65	520	95	8"	ISO 16	Custom	WT12873
F2000 2X48"+ F3100 1X6"+ Controller	DC	48"	2	120	65	130	95	6"	ISO 16	Custom	101048607
F2000 3X48"+ F3100 1X6"+ Controller	DC	48"	3	120	65	195	95	6"	ISO 16	Custom	101044821
F2000 4X48"+ F3100 1X8"+ Controller	DC	48"	4	120	65	260	95	8"	ISO 16	Custom	101044822
F2000 5X48"+ F3100 1X8"+ Controller	DC	48"	5	120	65	325	95	8"	ISO 16	Custom	101044823
F2000 6X48"+ F3100 1X10"+ Controller	DC	48"	6	120	65	390	95	10"	ISO 16	Custom	101044824
F2000 7X48"+ F3100 1X10"+ Controller	DC	48"	7	120	65	455	95	10"	ISO 16	Custom	101044825
F2000 8X48"+ F3100 2X8"+ Controller	DC	48"	8	120	65	520	95	2 X 8"	ISO 16	Custom	101044826
F2000 Media Filter Modular Array Unit - 1X48" - VIC	-	48"	1	120	65	65	95	4"	VIC	Custom	WT12855
F2000 Media Filter Modular Array Unit - 2X48" - VIC	-	48"	2	120	65	130	95	4"	VIC	Custom	WT12856



F2000 Media Filter Array

Technical Data	
Pressure differential not exceed	0.5 bar
Maximum working pressure	8.0 bar
Maximum pressure	10.0 bar

F2000 Array with Mobil Platform

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
		(inch)		(m ³ /h)	(m ³ /h)	(m ³ /h)	m ³ /h	(inch)			
F2000 1x16"+ F3100 1x2"+ Controller	DC	16"	1	11	8	8	10	2"	BSP	Custom	WT12601
F2000 2x16"+ F3100 1x2"+ Controller	DC	16"	2	11	8	16	10	2"	BSP	Custom	WT13175
F2000 1x20"+ F3100 1x2"+ Controller	DC	20"	1	18	13	12	15	2"	BSP	Custom	WT12602
F2000 2x20"+ F3100 1x3"+ Controller	DC	20"	2	18	12	24	15	3"	ISO 16	Custom	WT12587
F2000 3x20"+ F3100 1x3"+ Controller	DC	20"	3	18	12	36	15	3"	ISO 16	Custom	WT12588
F2000 1x24"+ F3100 1x2"+ Controller	DC	24"	1	28	20	20	25	2"	BSP	Custom	WT12600
F2000 2x24"+ F3100 1x3"+ Controller	DC	24"	2	28	20	40	25	3"	ISO 16	Custom	WT12589
F2000 3x24"+ F3100 1x3"+ Controller	DC	24"	3	28	20	60	25	3"	ISO 16	Custom	WT12590
F2000 4x24"+ F3100 1x4"+ Controller	DC	24"	4	28	20	80	25	4"	ISO 16	Custom	WT13176

F3100 Metal Screen Filter (Manual)

The Rivulis Irrigation F3100 Metal Screen Filters (Manual) are excellent filtration choices for removing hard particulates from water, such as sand. 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.

The F3100 Metal Screen Filters are used in conjunction with sand separators and media filter arrays 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.



F2000 Media Filter Array

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*	Screen	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

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

Filter (inch)	Flow Rate (m ³ /h)															
	25	50	100	150	200	250	300	350	400	450	500	600	700	800	900	1000
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

F3100 Metal Screen Filter – Product Dimensions and Weights

B		D	A	H	T	Weight (kg)
(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	
(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



F3100 Metal Screen Filter
In-Line (Manual)



F3100 Metal Screen Filter
Angle (Manual)

Technical Data	
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F3100 Metal Screen Filters (Manual)

Body Style	Inlet/Outlet Size		Connection Type	Screen Rating (micron)	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)					
Angle	3	80	ISO-16	130	1	Standard	101043168
Angle	3	80	BSP	130	1	Standard	101043128
Angle	3	80	BSP	200	1	Standard	101043129
Angle	3	80	ISO-16	200	1	Standard	101043169
Angle	4	100	ISO-16	130	1	Standard	101043170
Angle	4	100	ISO-16	200	1	Standard	101043171
Angle	6	150	ISO-16	130	1	Standard	101043172
Angle	6	150	ISO-16	200	1	Custom	101043173
Angle	8	200	ISO-16	130	1	Custom	101043174
Angle	8	200	ISO-16	200	1	Custom	101043175
Angle	10	250	ISO-16	130	1	Custom	101043176
Angle	10	250	ISO-16	200	1	Custom	101043177
Angle	12	300	ISO-16	130	1	Custom	101043178
Angle	12	300	ISO-16	200	1	Custom	101043179

F3200 Metal Screen Filter with Hydraulic Operation

F3200 Metal Screen Filter with Hydraulic Operation

F3200 Metal Screen Filters with Hydraulic Operation are the ideal choice for applications without AC electricity. The F3200 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. The entire screen is exposed to the flushing process because of the continuous linear movement of the collector assembly (only for parallel model).

The F3200 Metal Screen Filter with Hydraulic Operation, is 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. These filters are self-cleaning and continue to operate during the flushing cycle.



F3200 (Parallel) – Product Dimensions and Weights

Size (inch)	B (mm)	D (mm)	A (mm)	E (mm)	H (mm)	L (mm)	L1 (mm)	Weight (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
12L	300	450	1200	670	880	2340	4250	430
14	350	400	990	740	780	2030	3630	360
14L	350	450	1200	670	880	2340	4250	450
16L	400	450	1200	670	880	2340	4250	465
18L	450	600	1400	820	1160	2660	4750	635
20L	500	600	1400	820	1160	2660	4750	665



F3200 Metal Screen Filter with Hydraulic Operation Angle (compact)



F3200 Metal Screen Filter with Hydraulic Operation Parallel

Product Information

Body styles: angle (compact), parallel
 Screen options: 100, 130, 200 micron
 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

F3200 Metal Screen Filter with Hydraulic Operation – Summary

Inlet/outlet		Body	Connections	Maximum Flow Rate	Flush Flow Rate Range	Screen Area	Screens	Current Options
(inch)	(mm)			(m ³ /h)	(m ³ /h)	(cm ²)	(micron)	
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

F3200 Metal Screen Filter with Hydraulic Operation

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

F3200 (Angle) – Product Dimensions and Weights

Size	B	D	A	E	H	T	Weight
(inch)	(mm)	(inch)	(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

F3200 Metal Screen Filter with Hydraulic Operation



F3200 Metal Screen Filter with Hydraulic Operation (Angle)

Technical Data	
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar
Minimum flushing pressure:	2.0 bar

F3200 Metal Screen Filter with Hydraulic Operation								
Body Style	Inlet/Outlet Size		Con.	Screen Rating	Cont.	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)						
Angle	2	50	BSP	130	DC	1	Standard	WT12710
Angle	2	50	BSP	200	DC	1	Standard	WT12711
Angle	2	50	BSP	100	DC	1	Custom	WT12712
Angle	2	50	ISO16	130	DC	1	Standard	WT12722
Angle	2	50	ISO16	130	DC	1	Standard	WT12723
Angle	2	50	ISO16	200	DC	1	Custom	WT12724
Angle	3	80	ISO16	100	DC	1	Standard	WT12749
Angle	3	80	ISO16	130	DC	1	Standard	WT12750
Angle	3	80	ISO16	200	DC	1	Custom	WT12751
Angle	4	100	ISO16	100	DC	1	Standard	WT12769
Angle	4	100	ISO16	130	DC	1	Standard	WT12770
Angle	4	100	ISO16	200	DC	1	Custom	WT12771
Angle	6	150	ISO16	100	DC	1	Standard	WT12789
Angle	6	150	ISO16	130	DC	1	Standard	WT12790
Angle	6	150	ISO16	200	DC	1	Custom	WT12791
Angle	8	200	ISO16	100	DC	1	Standard	WT12809
Angle	8	200	ISO16	130	DC	1	Standard	WT12810
Angle	8	200	ISO16	200	DC	1	Custom	WT12811

F3200 Metal Screen Filter with Hydraulic Operation



F3200 Metal Screen Filter with Hydraulic Operation, Parallel

Technical Data	
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar
Minimum flushing pressure:	2.0 bar

F3200 Metal Screen Filter with Hydraulic Operation

Body Style	Inlet/Outlet Size		Con.	Screen Rating	Cont.	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)						
Parallel	3	80	ISO16	100	DC	1	Standard	101046464
Parallel	3	80	ISO16	130	DC	1	Standard	101046465
Parallel	3	80	ISO16	200	DC	1	Custom	101046466
Parallel	4" S	100	ISO16	100	DC	1	Standard	101046484
Parallel	4" S	100	ISO16	130	DC	1	Standard	101046485
Parallel	4" S	100	ISO16	200	DC	1	Custom	101046486
Parallel	4	100	ISO16	100	DC	1	Standard	101046504
Parallel	4	100	ISO16	130	DC	1	Standard	101046505
Parallel	4	100	ISO16	200	DC	1	Custom	101046506
Parallel	6	150	ISO16	100	DC	1	Standard	101046524
Parallel	6	150	ISO16	130	DC	1	Standard	101046525
Parallel	6	150	ISO16	200	DC	1	Custom	101046526
Parallel	8	200	ISO16	100	DC	1	Standard	101046564
Parallel	8	200	ISO16	130	DC	1	Standard	101046565
Parallel	8	200	ISO16	200	DC	1	Custom	101046566
Parallel	10	250	ISO16	100	DC	1	Custom	101046604
Parallel	10	250	ISO16	130	DC	1	Standard	101046605
Parallel	10	250	ISO16	200	DC	1	Custom	101046606

F3300 Metal Screen Filter with Electric Operation

F3300 Metal Screen Filter with Electric Operation

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 flushing cycle of the F3300 Metal Screen Filters are actuated at a predetermined pressure differential or on a schedule using the timer. The filters continue to operate during flushing and utilize a small amount of water during flushing, making the filters very efficient.

The F3300 Metal Screen Filters with Electric Operation are 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.



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

F3300 Metal Screen Filters with Electric Operation

F3300 (Parallel) – Product Dimensions and Weights

In/Out	B	D	A	E	H	L	L1	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(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	B	D	A	E	H	L	L1	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(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

F3300 Metal Screen Filters with Electric Operation

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
	Head Loss (bar)												
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
	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

Filter (inch)	Flow Rate (m ³ /hr)												
	400	500	600	700	800	900	1000	1200	1500	1800	2000	2300	2500
	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

Product Head Loss Chart (bar) – 450 – 500 mm Parallel Long

Filter (inch)	Flow Rate (m ³ /hr)												
	800	1000	1250	1500	1750	2000	2250	2500	2750	3000	3500	4000	4250
	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

F3300 Metal Screen Filters with Electric Operation



F3300 Metal Screen Filter with Electric Operation (Parallel)

Technical Data	
Minimum working pressure:	2.0 bar
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F3300 Metal Screen Filters with Electric Operation (Nozzle) Parallel - 2" - 4"

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Controller Type	Min. Qty.	Order Status	Item Number
		(inch)	(mm)						
F3300 Metal Screen Filter with Electric Operation	Parallel	3	80	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043753
F3300 Metal Screen Filter with Electric Operation	Parallel	3	80	ISO-16	130	AC 1x230V 50Hz	1	Custom	101043754
F3300 Metal Screen Filter with Electric Operation	Parallel	3	80	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043755
F3300 Metal Screen Filter with Electric Operation	Parallel	4	100	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043765
F3300 Metal Screen Filter with Electric Operation	Parallel	4	100	ISO-16	130	AC 1x230V 50Hz	1	Standard	101043766
F3300 Metal Screen Filter with Electric Operation	Parallel	4	100	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043767
F3300 Metal Screen Filter with Electric Operation		4" S	100	ISO-16	130	AC 1x220V 50Hz	1	Custom	WT11873
F3300 Metal Screen Filter with Electric Operation		4" S	100	ISO-16	100	AC 1x220V 50Hz	1	Custom	WT12407

F3300 Metal Screen Filters with Electric Operation



F3300 Metal Screen Filter with Electric Operation (Parallel)

Technical Data	
Minimum working pressure:	2.0 bar
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F3300 Metal Screen Filters with Electric Operation (Nozzle) Parallel - 6" - 8"

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating (micron)	Controller Type	Min. Qty.	Order Status	Item Number
		(inch)	(mm)						
F3300 Metal Screen Filter with Electric Operation	Parallel	6	150	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043777
F3300 Metal Screen Filter with Electric Operation	Parallel	6	150	ISO-16	130	AC 1x230V 50Hz	1	Standard	101043778
F3300 Metal Screen Filter with Electric Operation	Parallel	6	150	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043779
F3300 Metal Screen Filter with Electric Operation	Parallel	8	200	ISO-16	100	AC 1x230V 50Hz	1	Custom	101043789
F3300 Metal Screen Filter with Electric Operation	Parallel	8	200	ISO-16	130	AC 1x230V 50Hz	1	Standard	101043790
F3300 Metal Screen Filter with Electric Operation	Parallel	8	200	ISO-16	200	AC 1x230V 50Hz	1	Custom	101043791

F3400 Metal Screen Filter with Continuous Circulation

F3400 Metal Screen Filter with Continuous Circulation

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. The 3400 Metal Screen Filter with Continuous Circulation is used as a primary filter for water containing minimum quantity of suspended particles and from sources with accurate working pressure.



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

F3400 Metal Screen Filter with Continuous Circulation

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

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

F3400 Metal Screen Filter with Continuous Circulation



F3400 Metal Screen Filter with Continuous Circulation (In-Line)

Technical Data	
Minimum working pressure:	1.0 bar
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F3400 Metal Screen Filter - Continuous Circulation

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Minimum Qty.	Order Status	Item Number
		(inch)	(mm)					
F3400 Metal Screen Filter with Continuous Circulation	In-Line	3	80	ISO-16	130	1	Custom	101043860
F3400 Metal Screen Filter with Continuous Circulation	In-Line	4	100	ISO-16	130	1	Custom	101043862
F3400 Metal Screen Filter with Continuous Circulation	In-Line	6	150	ISO-16	130	1	Custom	101043864
F3400 Metal Screen Filter with Continuous Circulation	In-Line	3	80	ISO-16	200	1	Custom	101043861
F3400 Metal Screen Filter with Continuous Circulation	In-Line	4	100	ISO-16	200	1	Custom	101043863
F3400 Metal Screen Filter with Continuous Circulation	In-Line	6	150	ISO-16	200	1	Custom	101043865
F3400 Metal Screen Filter with Continuous Circulation	In-Line	8	200	ISO-16	130	1	Custom	101043866
F3400 Metal Screen Filter with Continuous Circulation	In-Line	8	200	ISO-16	200	1	Custom	101043867

F3400 Metal Screen Filter with Internal Flushing Mechanism

F3400 Metal Screen Filter with Internal Flushing Mechanism

The F3400 Metal Screen Filters with Internal flushing Mechanism (Semi-Automatic) are equipped with a manual cleaning mechanism. The filter is best suited for applications without a power supply. The F3400 Metal Screen Filter with Internal Flushing mechanism easy to operate and maintain. The filters come with a mechanical differential pressure indicator which indicates filter build up.



Product Information

Screen options: 130, 200 micron

Key Operating Guidelines

Minimum working pressure:	2.0 bar
Maximum pressure:	10.0 bar

F3400 Metal Screen Filter with Flushing Mechanism – Product Specifications/Options

Inlet/outlet		Body	Connections	Maximum Flow Rate	Screen Area	Screens
(inch)	(mm)					
3	80	In-Line / Angled	BSTD, ISO-16	50	1000	100, 130, 200
4	100	In-Line / Angled	BSTD, ISO-16	80	2150	100, 130, 200
4	100	Parallel	BSTD, ISO-16	80	2500	100, 130, 200
6	150	Parallel	BSTD, ISO-16	150	5000	100, 130, 200
8	200	Parallel	BSTD, ISO-16	250	5000	100, 130, 200

Head Loss Chart (bar)

Filter Size		Flow Rate (m ³ /h)												
		50	75	100	125	150	175	200	250	300	350	400	500	600
(inch)	(mm)	Head Loss (bar)												
4	100	0.05	0.11	0.20	0.31	0.45	0.61	0.80	1.25					
6	150			0.06	0.09	0.13	0.18	0.23	0.36	0.52	0.71	0.93		
8	200					0.05	0.07	0.09	0.15	0.21	0.29	0.38	0.59	0.85

F3400 (Flushing Mechanism) – Dimensions and Weights

Size	B	D	A	H	L	L1	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(kg)
4	100	12	400	570	890	1410	86
6	150	12	780	570	1380	2300	106
8	200	12	780	610	1380	2300	107

F3400 Metal Screen Filter with Internal Flushing Mechanism



F3400 Metal Screen Filter with Internal Flushing Mechanism (In-Line)

Technical Data	
Minimum working pressure:	2.0 bar
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar

F3400 Metal Screen Filters with Internal Flushing Mechanism, (Semi-Automatic) - 4" - 8" Parallel

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Minimum Qty.	Order Status	Item Number
		(inch)	(mm)					
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Parallel	4	100	ISO-16	130	1	Custom	101043826
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Parallel	4	100	ISO-16	200	1	Custom	101043827
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Parallel	6	150	ISO-16	130	1	Custom	101043832
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Parallel	6	150	ISO-16	200	1	Custom	101043833
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Parallel	8	200	ISO-16	130	1	Custom	101043838
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Parallel	8	200	ISO-16	200	1	Custom	101043839

F3400 Metal Screen Filter with Internal Flushing Mechanism

F3400 Metal Screen Filters with Internal Flushing Mechanism, (Semi-Automatic) - 4" - 8" Angle

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Min. Qty.	Order Status	Item Number
		(inch)	(mm)					
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Angle	3	80	ISO-16	100	1	Custom	WT15740
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Angle	3	80	ISO-16	130	1	Custom	WT15741
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Angle	3	80	ISO-16	200	1	Custom	WT15742
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Angle	4	100	ISO-16	100	1	Custom	WT15722
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Angle	4	100	ISO-16	130	1	Custom	WT15723
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	Angle	4	100	ISO-16	200	1	Custom	WT15724

F3400 Metal Screen Filters with Internal Flushing Mechanism, (Semi-Automatic) - 4" - 8" In Line

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Min. Qty.	Order Status	Item Number
		(inch)	(mm)					
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	In Line	3	80	ISO-16	100	1	Custom	WT15749
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	In Line	3	80	ISO-16	130	1	Standard	WT15750
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	In Line	3	80	ISO-16	200	1	Custom	WT15751
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	In Line	4	100	ISO-16	100	1	Custom	WT15731
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	In Line	4	100	ISO-16	130	1	Standard	WT15732
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic)	In Line	4	100	ISO-16	200	1	Custom	WT15733

F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes

F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes

The F3400 Metal Screen Filter with Brushes and Internal Flushing Mechanism is manually operated and an efficient solution for locations without power supply. These models of F3400 Metal Screen Filters are equipped with a pressure gauge and a 3-way valve for easy check of head-loss. This sintered screen filter contains a manually operated brush assembly for efficient cleaning of the screen and used for sites with low pressure.



Product Information	
Sintered screen	
Body style: In-line, parallel	

Key Operating Guidelines	
Minimum working pressure:	1.0 bar
Maximum working pressure:	8.0 bar
Maximum pressure:	10.0 bar



F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes (Semi-automatic) In-Line



F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes (Semi-automatic) Parallel

F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes

F3400 Metal Screen Filter with Internal Flushing mechanism and Brushes – Product Specifications/Options

Inlet/outlet		Body	Connections	Maximum Flow Rate	Screen Area	Screens
(inch)	(mm)					
3	80	In-Line	BSTD, ISO-16	50	1500	400 ,200
4	100	In-Line	BSTD, ISO-16	80	2200	400 ,200
4	100	Parallel	BSTD, ISO-16	80	3500	400 ,200
6	150	Parallel	BSTD, ISO-16	160	5000	400 ,200
8	200	Parallel	BSTD, ISO-16	300	6000	400 ,200

F3400 Metal Screen Filter Head Loss Chart (bar)

Inlet/Outlet		Flow Rate (m ³ /h)												
		50	75	100	125	150	175	200	250	300	350	400	500	600
(inch)	(mm)	Head Loss (bar)												
(In-Line)														
3	80	0.17	—	0.66	—	—	—	—	—	—	—	—	—	—
4	100	0.05	—	0.21	—	—	—	0.83	—	—	—	—	—	—
(Parallel)														
4	100	0.05	0.11	0.2	0.31	0.45	0.61	0.80	1.25	—	—	—	—	—
6	150	—	—	0.06	0.09	0.13	0.18	0.23	0.36	0.52	0.71	0.93	—	—
8"	200	—	—	—	—	0.05	0.07	0.09	0.15	0.21	0.29	0.38	0.59	0.85

F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes

F3400 (In-Line) Dimensions and Weights

Size	B	D	A	H	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(kg)
3	80	6	555	590	20
4	100	8	565	755	34

F3400 (Parallel) Dimensions and Weights

Size	B	D	A	H	L	L1	Weight
(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(kg)
4	100	12	600	650	1180	1650	95
6	150	12	600	655	1425	2145	114
8	200	12	780	690	1605	2455	128

F3400 Metal Screen Filter with Internal Flushing Mechanism and Brushes



F3400 Metal Screen Filter with Internal Flushing Mechanism, Brushes (In-Line)

Key Operating Guidelines	
Minimum working pressure	1.0 bar
Maximum working pressure	8.0 bar
Maximum pressure	10.0 bar

F3400 Metal Screen Filters with Internal Flushing Mechanism, Brush Cleaning Mechanism (Semi-Automatic) - 3" - 8"

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Minimum Qty.	Order Status	Item Number
		(inch)	(mm)					
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic), Brushes	In-Line	3	80	ISO-16	200	1	Custom	101043796
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic), Brushes	In-Line	4	100	ISO-16	200	1	Custom	101043802
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic), Brushes	Parallel	4	100	ISO-16	200	1	Custom	101043808
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic), Brushes	Parallel	6	150	ISO-16	200	1	Custom	101043814
F3400 Metal Screen Filter with Internal Flushing Mechanism (Semi-Automatic), Brushes	Parallel	8	200	ISO-16	200	1	Custom	101043820

F9000 Gravity Filter

F9000 Metal Gravity Filter is the ideal choice for low energy drip systems. F9000 Gravity Filters are continuous self-cleaning gravity filters and are specifically designed to deal with high load of suspended solids. The filtering method is based on gravity flow through a stainless steel screen. The filter is designed to continuously remove dirt from screen during filtration process without interruption to filtered water supply. The efficient self cleaning process combines rotating cleaning jets assembly which blows away the dirt from the screen and into raw water flow that sweeps the dirt from the screen surface to the dirt collection cell.



Product Information

Screen options: 100, 130, 200 micron

Key Operating Guidelines

Minimum pressured required for jet system: 1.0 bar

Minimum flow rate for water jet system: 1 m³/h

F9000 Gravity Filter – Product Specifications/Options

Size Connection		Body Diameter		Connections	Maximum Flow Rate	Screens	Current Options
(inch)	(mm)	(inch)	(mm)				
6	150	48	1220	BSTD, ISO-16	100	100, 130, 200	DC -12V
8	200	60	1524	BSTD, ISO-16	170	100, 130, 200	DC -12V

F9000 – Product Dimensions

Body (inch)	B (mm)	D (mm)	H1 (mm)	H2 (mm)	H (mm)	Weight (kg)
48	150	1200	645	1663	1950	450
60	200	1500	645	1663	1950	500



F9000 Gravity Filter

Technical Data	
Minimum pressured required for jet system:	1.0 bar
Minimum flow rate for water jet system:	1 m ³ /h

F9000 Gravity Filters - 48" - 60" Filters

Description	Body Style	Inlet/Outlet Size		Con.	Screen Rating (micron)	Minimum Qty.	Order Status	Item Number
		(inch)	(mm)					
F9000 Gravity Filter	48	6	150	ISO-16	100	1	Custom	101043876
F9000 Gravity Filter	48	6	150	ISO-16	130	1	Custom	101043877
F9000 Gravity Filter	48	6	150	ISO-16	200	1	Custom	101043878
F9000 Gravity Filter	60	8	200	ISO-16	100	1	Custom	101043885
F9000 Gravity Filter	60	8	200	ISO-16	130	1	Custom	101043886
F9000 Gravity Filter	60	8	200	ISO-16	200	1	Custom	101043887

Filtration Plastic Filters



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)

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

Where to use:

Generally as in-field back-up irrigation or as primary filtration in small systems.



F6100
Plastic Screen
filter



F6400
Plastic Screen
filter (Semi-
Automatic)



F7000
Plastic disc filter

F6100 Plastic Screen Filter

The F6100 Plastic Screen Filter features a large filtration screen that increases the flow rate capacity and extends the time between flushing. The F6100 Plastic Screen Filters are used as primary filters in small irrigation systems and as back-up filters in field zone applications. 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. Both the design and materials used in the F6100 allow for easy maintenance and years of high performance.

The line of F6100 Plastic Screen Filters are 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. 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. The filters can be ordered with threaded or grooved connections and with one or two inlets.



Rivulis Irrigation F6100 Plastic Screen Filter (3/4")

Product Information		
Screen Area:		
Size (inch)	Max. Operating Pressure (bar)	Filter Area (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 (micron)	Color	
100	Orange	
130	Grey	
200	Yellow	

F6100 Plastic Screen Filter – Product Specifications/Options

Inlet/outlet		Body	Connections	Maximum Flow Rate (m ³ /h)	Screen Area (Sq. cm)	Screens (micron)	Screen Type	Operating Pressure (bar)
(inch)	(mm)							
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

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.

Tell me more...

Not just a large screen, all plastic filters 2" and larger also feature a stainless steel weave-wire screen. Can be fitted with an optional clogging indicator.



F6100 - 3/4"



F6100 - 1"



F6100 - 1 1/2"



F6100 - 2"



F6100 - 2" L, 3"

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

Purchasing Information F6100 Plastic Screen Filter	
Units per Carton:	
3/4"	40
1"	20
1½"	12
2"- 3"	1



F6100 Plastic Screen Filter
In-Line/Angled, 2" Long



F6100 Plastic Screen Filter In-Line, 1½"

F6100 Plastic Screen Filter - 8 bar

Max. Pres. (bar)	Body Style	Inlet/Outlet Size		Con.	Screen Rating (micron)	Max Flow Rate (m ³ /h)	Minimum Qty	Order Statut	Item Number
(bar)		(inch)	(mm)		(micron)	(m ³ /h)			
8	In-Line/Angled	2	50	BSP	100	30	1	Standard	101045769
8	In-Line/Angled	2	50	BSP	130	30	1	Standard	101045770
8	In-Line/Angled	2	50	BSP	200	30	1	Standard	101045771
8	in-Line	2	50	VIC	100	30	1	Custom	101045775
8	in-Line	2	50	VIC	130	30	1	Custom	101045776
8	in-Line	2	50	VIC	200	30	1	Custom	101045777
8	In-Line/Angled	3	75	BSP	100	40	1	Standard	WT13197
8	In-Line/Angled	3	75	BSP	130	40	1	Standard	WT13198
8	In-Line/Angled	3	75	BSP	200	40	1	Custom	WT13199
8	in-Line	3	75	BSP	100	40	1	Custom	WT13203
8	in-Line	3	75	BSP	130	40	1	Custom	WT13204
8	in-Line	3	75	BSP	200	40	1	Custom	WT13205

F6100 Plastic Screen Filter - 10 bar									
Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Minimum Qty	Order Statut	Item Number
(bar)		(inch)	(mm)		(micron)	(m ³ /h)			
10	In-Line	3/4	19	BSP	100	5	1	Standard	101044244
10	In-Line	3/4	19	BSP	130	5	1	Standard	101044245
10	In-Line	3/4	19	BSP	200	5	1	Custom	101048710
10	In-Line	1	25	BSP	100	6	1	Standard	101044248
10	In-Line	1	25	BSP	130	6	1	Standard	101044249
10	In-Line	1	25	BSP	200	6	1	Standard	101044250
10	In-Line	1½	38	BSP	100	10	1	Standard	101044254
10	In-Line	1½	38	BSP	130	10	1	Standard	101044255
10	in-Line	1½	38	BSP	200	10	1	Standard	101044256
10	In-Line/Angled	2	50	BSP	100	40	1	Standard	101044260
10	In-Line/Angled	2	50	BSP	130	40	1	Standard	101044261
10	In-Line/Angled	2	50	BSP	200	40	1	Standard	101044262
10	in-Line	2	50	VIC	100	40	1	Custom	101044266
10	in-Line	2	50	VIC	130	40	1	Custom	101044267
10	in-Line	2	50	VIC	200	40	1	Custom	101044268
10	In-Line/Angled	2 L	50	BSP	100	48	1	Standard	101044269
10	In-Line/Angled	2L	50	BSP	130	48	1	Standard	101044270
10	In-Line/Angled	2L	50	BSP	200	48	1	Standard	101044271
10	in-Line	2L	50	VIC	100	48	1	Custom	101044275
10	in-Line	2L	50	VIC	130	48	1	Custom	101044276
10	in-Line	2L	50	VIC	200	48	1	Custom	101044277
10	In-Line/Angled	3	75	BSP	100	60	1	Standard	101044278
10	In-Line/Angled	3	75	BSP	130	60	1	Standard	101044279
10	In-Line/Angled	3	75	BSP	200	60	1	Standard	101044280
10	in-Line	3	75	VIC	100	60	1	Custom	101044284
10	in-Line	3	75	VIC	130	60	1	Custom	101044285
10	in-Line	3	75	VIC	200	60	1	Custom	101044286

F6400 Plastic Screen Filter

The F6400 Plastic Screen Filter is an ideal choice as a primary filter in a small irrigation system or as a back-up field zone filter. The F6400 Plastic Screen Filter has several key features including a large stainless steel screen, a pressure differential sensor (clogging indicator), a stainless steel clamp and 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.



Product Information		
Screen Area:		
Size	Max. Operating Pressure	Filter Area
(inch)	(bar)	(cm ²)
2"	10	554
3"	10	831
Screen Options/ Colors		
Rating (micron)	Color	
100	Yellow	
130	Red	
200	Grey	

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)

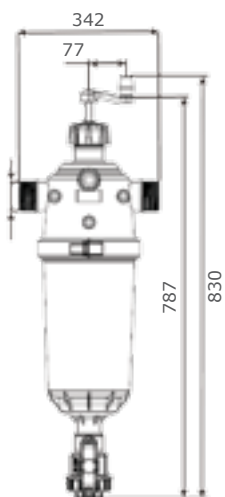
Head loss (bar)/Flow Rate (m³/h) - 2"

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

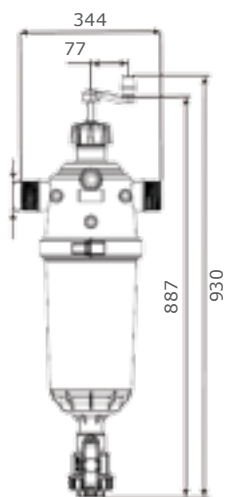
Head loss (bar)/Flow Rate (m³/h) - 3"

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



2" Filter



3" Filter

F6400 Plastic Screen Filter



F6400 Plastic Screen Filter

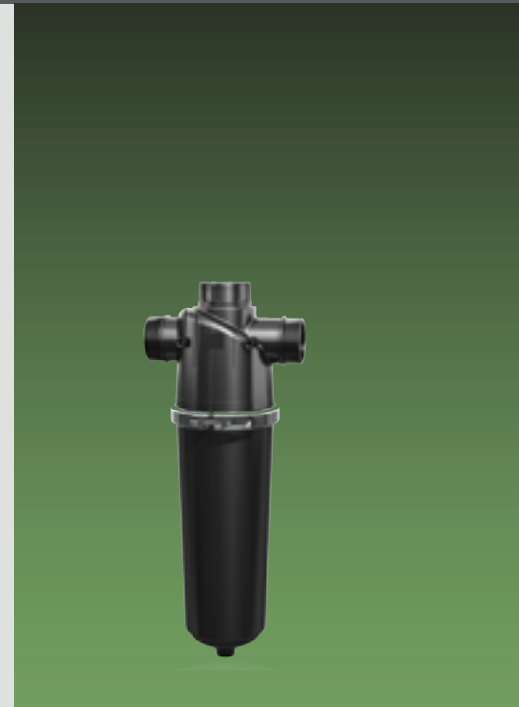
Purchasing Information	
Units per Carton:	
2"	1
3"	1

F6400 Plastic Screen Filter									
Max. Pres.	Body Style	Inlet/Outlet Size		Con.	Screen Rating	Max Flow Rate	Minimum Qty	Order Statut	Item Number
(bar)		(inch)	(mm)		(micron)	(m ² /h)			
10	In-Line	2"	50	BSP	100	25	1	Standard	101047720
10	In-Line	2"	50	BSP	130	25	1	Standard	101047722
10	In-Line	2"	50	BSP	200	25	1	Standard	101047723
10	In-Line	3"	75	BSP	100	40	1	Standard	101047727
10	In-Line	3"	75	BSP	130	40	1	Standard	101047728
10	In-Line	3"	75	BSP	200	40	1	Standard	101047729

F7000 plastic disc filter

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.

The F7000 Plastic Disc Filters have a nylon body, reinforced with fiberglass, and are equipped with filtration elements stacked with polypropylene discs. The F7000 Plastic Disc Filters are 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. And because the F7000 Plastic Disc Filters can be flushed without tools, the filters are easy to maintain and operate for years.



Product Information		
Screen Area:		
Size (inch)	Max. Operating Pressure (bar)	Filter Area (cm ²)
1"	10	204
1½"	8	281
2"	10	925
2"	10	1360
2"L, 3"	10	2090
Screen Options/ Colors		
Rating (micron)	Color	
100	Orange	
130	Grey	
200	Yellow	

F7000 Plastic Disc Filter – Product Specifications/Options

Diameter (inch)	Body	Connector	Maximum Flow Rate (m ³ /h)	Filtration Area (cm ²)	Disc (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

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.



Tell me more...

Bank filters together for greater flow capacity.



F7000 - 1"



F7000 - 1½"



F7000 - 2"



F7000 - 2" Long



F7000 - 3"

F7000 Plastic Disc Filter

Screen 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

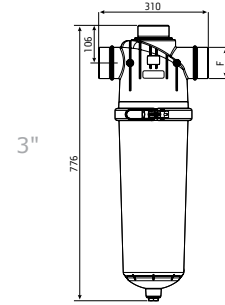
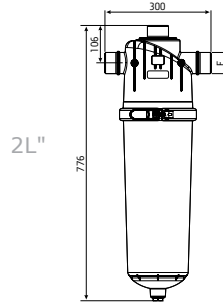
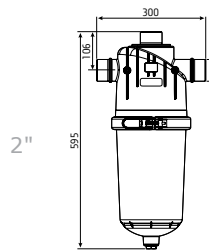
Screen Filter 2" L–130 micron

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

Screen 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 Plastic Disc Filter



F7000 Plastic Disc Filter -
In-Line/Angled, 2"

Purchasing Information	
Units per Carton:	
1"	20
1½"	12
2"-3"	1

F7000 Plastic Screen Filter

Max, Pres, (bar)	Body Style	Inlet/Outlet Size		Con,	Screen Rating (micron)	Max Flow Rate (m ² /h)	Min, Qty	Order Statut	Item Number
		(inch)	(mm)						
10	In-Line	1	25	BSP	130	5,5	1	Standard	101044299
10	In-Line/Angled	2	50	BSP	100	40	1	Standard	101044303
10	In-Line/Angled	2	50	BSP	130	40	1	Standard	101044304
10	In-Line/Angled	2	50	BSP	200	40	1	Standard	101044305
10	In-Line	2	50	VIC	100	40	1	Custom	101044309
10	In-Line/Angled	2	50	VIC	130	40	1	Custom	101044310
10	In-Line	2	50	VIC	200	40	1	Custom	101044311
10	In-Line/Angled	2L	50	BSP	100	48	1	Standard	101044312
10	In-Line/Angled	2 L	50	BSP	130	48	1	Standard	101044313
10	In-Line/Angled	2L	50	BSP	200	48	1	Standard	101044314
10	In-Line	2L	50	VIC	100	48	1	Custom	101044318
10	In-Line	2L	50	VIC	130	48	1	Custom	101044319
10	In-Line	2L	50	VIC	200	48	1	Custom	101044320
10	In-Line/Angled	3	75	BSP	100	60	1	Standard	101044321
10	In-Line/Angled	3	75	BSP	130	60	1	Standard	101044322
10	In-Line/Angled	3	75	BSP	200	60	1	Standard	101044323
10	In-Line	3	75	VIC	100	60	1	Custom	101044327
10	In-Line/Angled	3	75	VIC	130	60	1	Custom	101044328
10	In-Line	3	75	VIC	200	60	1	Custom	101044329

F7000 Plastic Disc Filter - 8 Bar									
Max. Pres. (bar)	Body Style	Inlet/Outlet Size		Con.	Screen Rating (micron)	Max Flow Rate (m ³ /h)	Min. Qty.	Order Status	Item Number
		(inch)	(mm)						
8	In-Line	1½	38	BSP	130	14	1	Standard	101044301
8	In-Line/Angled	2	50	BSP	100	30	1	Standard	101045778
8	In-Line/Angled	2	50	BSP	130	30	1	Standard	101045779
8	In-Line/Angled	2	50	BSP	200	30	1	Standard	101045780
8	In-Line/Angled	2	50	NPT	100	30	1	Custom	101045781
8	In-Line/Angled	2	50	NPT	130	30	1	Custom	101045782
8	In-Line/Angled	2	50	NPT	200	30	1	Custom	101045783
8	In-Line	2	50	VIC	100	30	1	Custom	101045784
8	In-Line	2	50	VIC	130	30	1	Custom	101045785
8	In-Line	2	50	VIC	200	30	1	Custom	101045786
8	In-Line/Angled	3	75	BSP	100	50	1	Standard	WT13206
8	In-Line/Angled	3	75	BSP	130	50	1	Standard	WT13207
8	In-Line/Angled	3	75	BSP	200	50	1	Standard	WT13208
8	In-Line	3	75	VIC	100	50	1	Custom	WT13212
8	In-Line	3	75	VIC	130	50	1	Custom	WT13213
8	In-Line	3	75	VIC	200	50	1	Custom	WT13214

Fertilizer Tanks

The fertilizer tanks has been designed and manufactured to achieve the highest standards of quality and finish. 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 Irrigation
Fertilizer Tank
Vertical



Rivulis Irrigation
Fertilizer Tank
Horizontal

Product Information

Description

Fertilizer Tanks equipped with inlet/outlet high pressure hose, quick connections, and air valve.

Fertilizer Tanks

Body Style	Inlet/Outlet Size		Tank Volume (l)	Minimum Qty.	Order Status	Item Number
	(inch)	(mm)				
Vertical	8	200	60	1	Standard	101043968
Vertical	8	200	90	1	Standard	101043969
Vertical	8	200	120	1	Standard	101043967
Horizontal	8	200	120	1	Standard	101043963
Horizontal	8	200	220	1	Standard	101043964
Horizontal	8	200	300	1	Custom	101043965
Horizontal	8	200	500	1	Custom	101043966

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

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

Venturi Injector

- Controlled/adjustable suction of fertilizers
- Delivers plant nutrients directly into the wetted zone (where root development is intensive)
- Can be used with a large variety of chemicals
- Uniform application of fertilizers
- Saves energy & manpower
- In-built check valve for protecting the injected liquid against back flow
- With Rotameter, one can measure/read accurate suction of fertilizer injection rate. Rotameter is available in all sizes.
- All Ventury are also available with full assembly



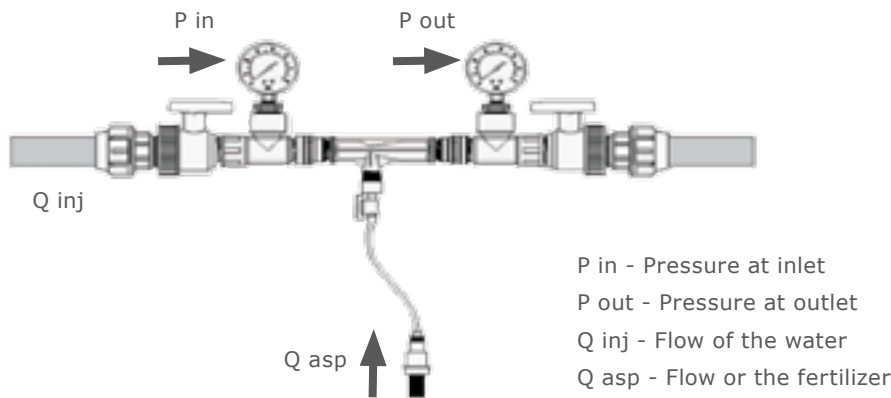
Available models
RV 112RS - 3/4", BSPT
RV 113RS - 1", BSPT
RV 114RS - 1 1/2", BSPT
RV 115RS - 2", BSPT

Venturi Injector - Product Selection Guide				
Model	Size in/out	Efficiency (P) required to Initiate suction	Motive flow through injector @2.5kg/cm ²	Injection Capacity
	(inch)	(%)	(l/h)	(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 - Performance Data

Pressure		3/4" Injector		1" Injector		1½" 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 ⁵)	(kg/cm ⁵)	(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



Ventury Injector					
Description	Diameter	Pump Type	Min. Qty.	Order Status	Item Number
	(inch)				
Ventury Injector 3/4" AQ-112 PP + Adaptor	3/4"	AQ-112	1	Custom	101048467
Ventury Injector 3/4" AQ-112R PP + Adaptor + Rotameter + Valve	3/4"	AQ-112R	1	Custom	101047930
Ventury Injector 1" AQ-113 PP + Adaptor	1"	AQ-113	1	Custom	101048469
Ventury Injector 1" AQ-113R PP + Adaptor + Rotameter + Valve	1"	AQ-113R	1	Custom	101048459
Ventury Injector 1 1/2" AQ-114 PP + Adaptor	1 1/2"	AQ-114	1	Custom	101048461
Ventury Injector 1 1/2" AQ-114R PP + Adaptor + Rotameter + Valve	1 1/2"	AQ-114R	1	Custom	101048460
Ventury Injector 2" AQ-115 PP + Adaptor	2"	AQ-115	1	Custom	101048462
Ventury Injector 2" AQ-115R PP + Adaptor + Rotameter + Valve	2"	AQ-115R	1	Custom	101047931

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)



1. Air & Vacuum Release 3/4" - 1"



2. Air & Vacuum Release 2"



3. Continuous Air Valve 3/4"



4. Combination Air Valve 1/2"

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	✓		



1. Air & Vacuum Release 3/4" - 1"



2. Air & Vacuum Release 2"



3. Continuous Air Valve 3/4"



4. Combination Air Valve 1/2"

Technical Data	
Minimum Pressure:	
Air & Vacuum Release Valve	0.20 bar
Continuous and Combination Valves	0.10 bar
Maximum Pressure:	
	10 bar

Air Valves							
Image	Description	Size	Connection Type		Minimum Qty.	Order Status	Item Number
	Air & Vacuum Release	3/4	BSP	Male	1	Standard	101045527
	Air & Vacuum Release	3/4	NPT	Male	1	Custom	101045528
1	Air & Vacuum Release	1	BSP	Male	1	Standard	101045529
	Air & Vacuum Release	1	NPT	Male	1	Custom	101045530
2	Air & Vacuum Release	2	BSP	Female	1	Standard	101045531
	Air & Vacuum Release	2	NPT	Female	1	Custom	101045532
	Air & Vacuum Release	3	BSPT	Female	1	Standard	101045533
	Air & Vacuum Release	3	NPT	Female	1	Custom	101045680
	Continuous Air Valve	1/2	BSPT	Male	1	Standard	WT12508
	Continuous Air Valve	1/2	NPT	Male	1	Custom	WT12509
3	Continuous Air Valve	3/4	BSPT	Male	1	Standard	WT12510
	Continuous Air Valve	3/4	NPT	Mâle	1	Custom	WT12511
3	Continuous Air Valve	1	BSPT	Male	1	Standard	WT12512
	Continuous Air Valve	1	NPT	Male	1	Custom	WT12513
4	Combination Air Valve	1/2	BSPT	Male	1	Standard	WT12514
	Combination Air Valve	1/2	NPT	Male	1	Custom	WT12515
	Combination Air Valve	3/4	BSPT	Male	1	Standard	WT12516
	Combination Air Valve	3/4	NPT	Male	1	Custom	WT12517
	Combination Air Valve	1	BSPT	Mâle	1	Standard	WT12518
	Combination Air Valve	1	NPT	Mâle	1	Custom	WT12519
	Combination Air Valve	2	BSPT	Female	1	Standard	WT12520
	Combination Air Valve	2	NPT	Female	1	Custom	WT12521

Hydraulic Control 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... irrigate directly into the pots

Use with:

Need a pilot, solenoid, bit of hose? Our Valve Accessories section has everything you need

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.

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

Hydraulic Control Valves quick reference guide

		
<p>V1000 Hydraulic Control Valve</p>	<p>V2000 Hydraulic Control Valve</p>	<p>V3000 Hydraulic Control Valve</p>
<p>Product Information</p>	<p>Product Information</p>	<p>Product Information</p>
<p>Glass-filled nylon construction, full bore seat.</p>	<p>Body, cover and piston assembly: Glass-filled nylon. Diameter/hragm: NR, Nylon fabric reinforced, Seals: NR"</p>	<p>Metal construction. Solid one-piece diaphragm piston assembly</p>
<p>Actuation: Manual / Electric</p>	<p>Actuation: Manual/ Electric / Hydraulic</p>	<p>Actuation: Manual/Electric / Hydraulic</p>
<p>Manual throttling</p>	<p>Spring: stainless steel</p>	
<p>Sizes: In-Line: 1"- 1½"- 2", Angled: 2"</p>	<p>Sizes: 2"L – 6" (In-Line)</p>	<p>Sizes: In-Line: 2" – 10", Angled: 2"(BSP), 3"(BSP), 4" (ISO-16)</p>
<p>Tubing and fittings: plastic</p>	<p>Tubing and fittings: plastic</p>	<p>Tubing and fittings: plastic (2"-8"), metal (6"-8")</p>
<p>Pre-set pressure: 3-way - 2.5 bar</p>	<p>Pre-set pressure: 2/3- Way - 0.8 bar, 3-way - 2.5 bar</p>	<p>Pre-set pressure: PR - 2.5 bar PR/PS - 4.0/2.0 bar, QR - 6.0 bar</p>
<p>2-Way Internal or 3-Way External Controls</p>	<p>Manual throttling in valves up to 3"</p>	
<p>End Connectors : Threaded (BSP)</p>	<p>End connections: Accessories</p>	<p>End connections: Threaded, grooved, flanged</p>
<p>Operating Guidelines</p>	<p>Operating Guidelines</p>	<p>Operating Guidelines</p>
<p>Maximum Pressure Rating: 10 bar</p>	<p>Maximum Pressure Rating: 10 bar</p>	<p>Maximum Pressure Rating: 10 bar *</p>
<p>Operating Pressure Range: 0.7-10 bar</p>	<p>Operating Pressure Range: 0.3-10 bar</p>	<p>Operating Pressure Range: 0.5-10 bar*</p>
		<p>*16 bar - 6" and larger</p>
<p>Applications</p>	<p>Applications</p>	<p>Applications</p>
<p>Control flow in small agricultural blocks</p>	<p>Controls medium to large agricultural blocks</p>	<p>Irrigation system head control</p>
<p>Greenhouse and tunnel irrigation systems</p>	<p>Control pressures for filters and pumps</p>	<p>Field valve application</p>
<p>Residential and commercial landscape</p>	<p>Quick relief valve for system protection</p>	<p>Quick relief valve for system protection</p>
		<p>High pressure, High flow rates</p>

V1000 Hydraulic Control Valves

The V1000 Control Valves are the economical choice for residential, commercial, and small agricultural irrigation systems. The V1000 Control Valve can be used to control blocks with flows up to 25 cubic meters per hour.

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.



V1000 Hydraulic Control Valve In-Line



V1000 Hydraulic Control Valve Angle

Product Information
Manual/Electric
Manual Throttling
Glass-filled Nylon Construction
Full bore seat
2-Way internal or 3-Way external

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 – 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



Angle



In-line

V1000 Hydraulic Control Valve - Body

Size	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
1	In-Line	3W		BSP	1	Standard	WT12191
1½	In-Line	3W		BSP	1	Standard	WT12195
2	Angle	3W		BSP	1	Standard	WT12197
2	In-Line	3W		BSP	1	Standard	WT12193

Manual Selector



V1000 - Manual, Angle



V1000 - Manual, In-Line

Manual override switch



V1000 - Electric, In-Line

V1000 Hydraulic Control Valves - Manual

Size	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
1	In-Line	3W	Manual Selector	BSP	1	Standard	WT12199
1½	In-Line	3W	Manual Selector	BSP	1	Standard	WT12203
2	Angle	3W	Manual Selector	BSP	1	Standard	WT12201
2	In-Line	3W	Manual Selector	BSP	1	Standard	WT12205

V1000 Hydraulic Control Valves - On/Off Electric

Description	Size	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
Electric	1	In-Line	2W	Solenoid - 24V AC	BSP	1	Standard	WT12206
Electric	1½	In-Line	2W	Solenoid - 24V AC	BSP	1	Standard	WT12208
Electric	2	Angle	2W	Solenoid - 24V AC	BSP	1	Standard	WT12212
Electric	2	In-Line	2W	Solenoid - 24V AC	BSP	1	Standard	WT12210
Electric, Latch	1	In-Line	2W	9VDC Latch- 2 Leads	BSP	1	Standard	WT12214
Electric, Latch	1½	In-Line	2W	9VDC Latch- 2 Leads	BSP	1	Standard	WT12216
Electric, Latch	2	Angle	2W	9VDC Latch- 2 Leads	BSP	1	Standard	WT12220
Electric, Latch	2	In-Line	2W	9VDC Latch- 2 Leads	BSP	1	Standard	WT12218

V1000 Hydraulic Control Valves - Pressure Reducing (Manual)

Size	Body	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
1½	In-Line	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT12223
2	Angle	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT12227
2	In-Line	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT12225

V1000 Hydraulic Control Valves - Pressure Reducing (RP-Electric)

Size	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
1½	In-Line	3W	Solenoid - 24V AC	BSP	1	Standard	WT12229
2	In-Line	3W	Solenoid - 24V AC	BSP	1	Standard	WT12231
2	Angle	3W	Solenoid - 24V AC	BSP	1	Standard	WT12233
1½	In-Line	3W	Solenoid - 12 V DC Lach	BSP	1	Standard	WT12235
2	In-Line	3W	Solenoid - 12 V DC Lach	BSP	1	Standard	WT12237
2	Angle	3W	Solenoid - 12 V DC Lach	BSP	1	Standard	WT12239

*Manual override switch included with electric valves
 Note: All Pilots are plastic and are normally closed.

V2000 Hydraulic Control Valves

The Rivulis Irrigation 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. 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 pressures. 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. Accessories and parts can be ordered to build customized valves.



Product Information
Manual/Electric
Manual Throttling
Glass-filled Nylon Construction
Full bore seat
2-Way internal or 3-Way external

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 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



V2000 Hydraulic Control Valve - Body

Description	Size	Body	Features	Con.	Minimum Qty.	Order Status	Item Number
Body	2 L	In-Line	Manual Throttling	BSP	1	Standard	WT12004
Body	2.5 L	In-Line		BSP	1	Custom	101048437
Body	3	In-Line	Manual Throttling	BSP	1	Standard	WT12007
Body	3 L	In-Line		BSP	1	Standard	WT12009
Body	3 L	In-Line		Flange	1	Standard	WT12919
Body	4	In-Line		Flange	1	Standard	WT12920
Body	6	In-Line		Flange	1	Standard	WT12010
Body	6	In-Line		Grooved	1	Custom	WT12011



V2000 Hydraulic Control Valves - Manual

Description	Size (inch)	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
Manual	2 L	In-Line		Manual Selector	BSP	1	Standard	WT12014
Manual	3	In-Line		Manual Selector	BSP	1	Standard	WT12017
Manual	3	In-Line		Manual Selector	Flange	1	Standard	WT14208
Manual	3	In-Line		Manual Selector	Grooved	1	Custom	WT14209
Manual	3 L	In-Line		Manual Selector	Flange	1	Standard	WT12921
Manual	3 L	In-Line		Manual Selector	BSP	1	Standard	WT12019
Manual	3 L	In-Line		Manual Selector	Grooved	1	Custom	WT14210
Manual	4	In-Line		Manual Selector	Grooved	1	Custom	WT14211
Manual	4 L	In-Line		Manual Selector	Flange	1	Standard	WT12922
Manual	6	In-Line		Manual Selector	Flange	1	Standard	WT12020
Manual	6	In-Line		Manual Selector	Grooved	1	Custom	WT12021



V2000 Hydraulic Control Valves - On/Off Electric NC

Description	Size (inch)	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
Electric, NC	2 L	In-Line	3W	24 V AC	BSP	1	Standard	WT12025
Electric, NC	3	In-Line	3W	24 V AC	BSP	1	Standard	WT12027
Electric, NC	3	In-Line	3W	24 V AC	Grooved	1	Custom	WT12029
Electric, NC	3 L	In-Line	3W	24 V AC	Flange	1	Standard	WT12032
Electric, NC	3 L	In-Line	3W	24 V AC	Grooved	1	Custom	WT12033
Electric, NC	4	In-Line	3W	24 V AC	Flange	1	Standard	WT12034
Electric, NC	4	In-Line	3W	24 V AC	Grooved	1	Custom	WT12035
Electric, NC	3	In-Line	3W	24 V AC	Flange	1	Standard	WT12028
Electric, NC	3 L	In-Line	3W	24 V AC	BSP	1	Standard	WT12031
Electric, NC	6	In-Line	3W	24 V AC	Flange	1	Standard	WT12036
Electric, NC	6	In-Line	3W	24 V AC	Grooved	1	Custom	WT12037
Electric	2 L	In-Line	3W	12 V DC	BSP	1	Standard	WT12041
Electric	3	In-Line	3W	12 V DC	BSP	1	Standard	WT12043
Electric	3	In-Line	3W	12 V DC	Flange	1	Standard	WT12044
Electric	3	In-Line	3W	12 V DC	Grooved	1	Custom	WT12045
Electric	3 L	In-Line	3W	12 V DC	BSP	1	Standard	WT12047
Electric	3 L	In-Line	3W	12 V DC	Flange	1	Standard	WT12048
Electric	3 L	In-Line	3W	12 V DC	Grooved	1	Custom	WT12049
Electric	4	In-Line	3W	12 V DC	Flange	1	Standard	WT12050
Electric	4	In-Line	3W	12 V DC	Grooved	1	Custom	WT12051
Electric	6	In-Line	3W	12 V DC	Flange	1	Standard	WT12052
Electric	6	In-Line	3W	12 V DC	Grooved	1	Custom	WT12053

V2000 Hydraulic Control Valves



V2000 Hydraulic Control Valves - Manual

Description	Size (inch)	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
Manual	2 L	In-Line		Manual Selector	BSP	1	Standard	WT12014
Manual	3	In-Line		Manual Selector	BSP	1	Standard	WT12017
Manual	3	In-Line		Manual Selector	Flange	1	Standard	WT14208
Manual	3	In-Line		Manual Selector	Grooved	1	Custom	WT14209
Manual	3 L	In-Line		Manual Selector	Flange	1	Standard	WT12921
Manual	3 L	In-Line		Manual Selector	BSP	1	Standard	WT12019
Manual	3 L	In-Line		Manual Selector	Grooved	1	Custom	WT14210
Manual	4	In-Line		Manual Selector	Grooved	1	Custom	WT14211
Manual	4 L	In-Line		Manual Selector	Flange	1	Standard	WT12922
Manual	6	In-Line		Manual Selector	Flange	1	Standard	WT12020
Manual	6	In-Line		Manual Selector	Grooved	1	Custom	WT12021

V2000 Hydraulic Control Valves



V2000 Hydraulic Control Valves - Pressure Reducing, Manual

Description	Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Min. Qty.	Order Status	Item Number
Low Pressure Spring									
Pressure Reducing, Manual	2 L	Plastic	2/3W	0.5-3.0	Manual Selector	BSP	1	Standard	WT12073
Pressure Reducing, Manual	3	Plastic	2/3W	0.5-3.0	Manual Selector	BSP	1	Standard	WT12075
Pressure Reducing, Manual	3	Plastic	2/3W	0.5-3.0	Manual Selector	Flange	1	Standard	WT12076
Pressure Reducing, Manual	3	Plastic	2/3W	0.5-3.0	Manual Selector	Grooved	1	Custom	WT12077
Pressure Reducing, Manual	3 L	Plastic	2/3W	0.5-3.0	Manual Selector	BSP	1	Standard	WT12079
Pressure Reducing, Manual	3 L	Plastic	2/3W	0.5-3.0	Manual Selector	Flange	1	Standard	WT12080
Pressure Reducing, Manual	3 L	Plastic	2/3W	0.5-3.0	Manual Selector	Grooved	1	Custom	WT12081
Pressure Reducing, Manual	4	Plastic	2/3W	0.5-3.0	Manual Selector	Flange	1	Standard	WT12082
Pressure Reducing, Manual	4	Plastic	2/3W	0.5-3.0	Manual Selector	Grooved	1	Custom	WT12083
Pressure Reducing, Manual	6	Plastic	2/3W	0.5-3.0	Manual Selector	Flange	1	Standard	WT12084
Pressure Reducing, Manual	6	Plastic	2/3W	0.5-3.0	Manual Selector	Grooved	1	Custom	WT12085
Pressure Reducing, Manual	2 L	Plastic	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT12057
Pressure Reducing, Manual	3	Plastic	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT12059
Pressure Reducing, Manual	3	Plastic	3W	0.8-6.5	Manual Selector	Flange	1	Standard	WT12060
Pressure Reducing, Manual	3	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT12061
Pressure Reducing, Manual	3 L	Plastic	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT12063
Pressure Reducing, Manual	3 L	Plastic	3W	0.8-6.5	Manual Selector	Flange	1	Standard	WT12064
Pressure Reducing, Manual	3 L	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT12065
Pressure Reducing, Manual	4	Plastic	3W	0.8-6.5	Manual Selector	Flange	1	Standard	WT12066
Pressure Reducing, Manual	4	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT12067
Pressure Reducing, Manual	6	Plastic	3W	0.8-6.5	Manual Selector	Flange	1	Standard	WT12068
Pressure Reducing, Manual	6	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT12069

V2000 Hydraulic Control Valves



V2000 Hydraulic Control Valves - Pressure Reducing, Electric NC

Description	Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
Standard Pressure Spring									
RP, NF	2 L	Plastic	2/3W	0.5 – 3.0	12V DC Latch	BSP	1	Standard	WT12137
RP, NF	3	Plastic	2/3W	0.5 – 3.0	12V DC Latch	BSP	1	Standard	WT12139
RP, NF	3	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Flange	1	Standard	WT12140
RP, NF	3	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Grooved	1	Custom	WT12141
RP, NF	3 L	Plastic	2/3W	0.5 – 3.0	12V DC Latch	BSP	1	Standard	WT12143
RP, NF	3 L	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Flange	1	Standard	WT12144
RP, NF	3 L	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Grooved	1	Custom	WT12145
RP, NF	4	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Flange	1	Standard	WT12146
RP, NF	4	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Grooved	1	Custom	WT12147
RP, NF	6	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Flange	1	Standard	WT12148
RP, NF	6	Plastic	2/3W	0.5 – 3.0	12V DC Latch	Grooved	1	Custom	WT12149
RP, NF	2 L	Plastic	2/3W	0.5 – 3.0	24 V AC	BSP	1	Standard	WT12121
RP, NF	3	Plastic	2/3W	0.5 – 3.0	24 V AC	BSP	1	Standard	WT12123
RP, NF	3	Plastic	2/3W	0.5 – 3.0	24 V AC	Flange	1	Standard	WT12124
RP, NF	3	Plastic	2/3W	0.5 – 3.0	24 V AC	Grooved	1	Custom	WT12125
RP, NF	3 L	Plastic	2/3W	0.5 – 3.0	24 V AC	BSP	1	Standard	WT12127
RP, NF	3 L	Plastic	2/3W	0.5 – 3.0	24 V AC	Flange	1	Standard	WT12128
RP, NF	3 L	Plastic	2/3W	0.5 – 3.0	24 V AC	Grooved	1	Custom	WT12129
RP, NF	4	Plastic	2/3W	0.5 – 3.0	24 V AC	Flange	1	Standard	WT12130
RP, NF	4	Plastic	2/3W	0.5 – 3.0	24 V AC	Grooved	1	Custom	WT12131
RP, NF	6	Plastic	2/3W	0.5 – 3.0	24 V AC	Flange	1	Standard	WT12132
RP, NF	6	Plastic	2/3W	0.5 – 3.0	24 V AC	Grooved	1	Custom	WT12133



V2000 Hydraulic Control Valves - Pressure Reducing, Electric NC

Description	Size	Pilot	Control Circuit	Spring Rating	Features	Con.	Min. Qty.	Order Status	Item Number
	(inch)			(bar)					
Standard Pressure Spring									
Pressure Reducing, Electric, NC	2 L	Plastic	3W	0.8-6.5	12V DC Latch	BSP	1	Standard	WT12105
Pressure Reducing, Electric, NC	3	Plastic	3W	0.8-6.5	12V DC Latch	BSP	1	Standard	WT12107
Pressure Reducing, Electric, NC	3	Plastic	3W	0.8-6.5	12V DC Latch	Flange	1	Standard	WT12108
Pressure Reducing, Electric, NC	3	Plastic	3W	0.8-6.5	12V DC Latch	Grooved	1	Custom	WT12109
Pressure Reducing, Electric, NC	3 L	Plastic	3W	0.8-6.5	12V DC Latch	BSP	1	Standard	WT12111
Pressure Reducing, Electric, NC	3 L	Plastic	3W	0.8-6.5	12V DC Latch	Flange	1	Standard	WT12112
Pressure Reducing, Electric, NC	3 L	Plastic	3W	0.8-6.5	12V DC Latch	Grooved	1	Custom	WT12113
Pressure Reducing, Electric, NC	4	Plastic	3W	0.8-6.5	12V DC Latch	Flange	1	Standard	WT12114
Pressure Reducing, Electric, NC	4	Plastic	3W	0.8-6.5	12V DC Latch	Grooved	1	Custom	WT12115
Pressure Reducing, Electric, NC	6	Plastic	3W	0.8-6.5	12V DC Latch	Flange	1	Standard	WT12116
Pressure Reducing, Electric, NC	6	Plastic	3W	0.8-6.5	12V DC Latch	Grooved	1	Custom	WT12117
Pressure Reducing, Electric, NC	2 L	Plastic	3W	0.8-6.5	24V AC	BSP	1	Standard	WT12089
Pressure Reducing, Electric, NC	3	Plastic	3W	0.8-6.5	24V AC	BSP	1	Standard	WT12091
Pressure Reducing, Electric, NC	3	Plastic	3W	0.8-6.5	24V AC	Flange	1	Standard	WT12092
Pressure Reducing, Electric, NC	3	Plastic	3W	0.8-6.5	24V AC	Grooved	1	Custom	WT12093
Pressure Reducing, Electric, NC	3 L	Plastic	3W	0.8-6.5	24V AC	BSP	1	Standard	WT12095
Pressure Reducing, Electric, NC	3 L	Plastic	3W	0.8-6.5	24V AC	Flange	1	Standard	WT12096
Pressure Reducing, Electric, NC	3 L	Plastic	3W	0.8-6.5	24V AC	Grooved	1	Custom	WT12097
Pressure Reducing, Electric, NC	4	Plastic	3W	0.8-6.5	24V AC	Flange	1	Standard	WT12098
Pressure Reducing, Electric, NC	4	Plastic	3W	0.8-6.5	24V AC	Grooved	1	Custom	WT12099
Pressure Reducing, Electric, NC	6	Plastic	3W	0.8-6.5	24V AC	Flange	1	Standard	WT12100
Pressure Reducing, Electric, NC	6	Plastic	3W	0.8-6.5	24V AC	Grooved	1	Custom	WT12101



V2000 Hydraulic Control Valves - Quick Relief, NC

Size (inch)	Body	Pilot	Control Circuit	Spring Rating (bar)	Con.	Minimum Qty.	Order Status	Item Number
2 L	In-Line	Plastic	2W	1.0 - 12	BSP	1	Standard	WT12185
3	In-Line	Plastic	2W	1.0 - 12	BSP	1	Standard	WT12187
3 L	In-Line	Plastic	2W	1.0 - 12	BSP	1	Standard	WT12189

V2000 Hydraulic Control Valves - Pressure Reducing Hydraulic Relay - Low Pressure Spring (for drip tape systems)

Size (inch)	Body	Pilot	Control Circuit	Spring Rating (bar)	Con.	Minimum Qty.	Order Status	Item Number
2L	In-Line	Plastic	2/3W	0.5 - 3.0	BSP	1	Standard	WT12169
3	In-Line	Plastic	2/3W	0.5 - 3.0	BSP	1	Standard	WT12171
3	In-Line	Plastic	2/3W	0.5 - 3.0	Flange	1	Standard	WT12172
3	In-Line	Plastic	2/3W	0.5 - 3.0	Grooved	1	Custom	WT12173
3L	In-Line	Plastic	2/3W	0.5 - 3.0	BSP	1	Standard	WT12175
3L	In-Line	Plastic	2/3W	0.5 - 3.0	Flange	1	Standard	WT12176
3L	In-Line	Plastic	2/3W	0.5 - 3.0	Grooved	1	Custom	WT12177
4	In-Line	Plastic	2/3W	0.5 - 3.0	Flange	1	Standard	WT12178
4	In-Line	Plastic	2/3W	0.5 - 3.0	Grooved	1	Custom	WT12179
6	In-Line	Plastic	2/3W	0.5 - 3.0	Flange	1	Standard	WT12180
6	In-Line	Plastic	2/3W	0.5 - 3.0	Grooved	1	Custom	WT12181

V2000 Hydraulic Control Valves - Pressure Reducing, Hydraulic Relay (Standard Pressure Spring)

Size (inch)	Body	Pilot	Control Circuit	Spring Rating (bar)	Con.	Minimum Qty.	Order Status	Item Number
2L	In-Line	Plastic	3W	0.8-6.5	BSP	1	Standard	WT12153
3	In-Line	Plastic	3W	0.8-6.5	BSP	1	Standard	WT12155
3	In-Line	Plastic	3W	0.8-6.5	Flange	1	Standard	WT12156
3	In-Line	Plastic	3W	0.8-6.5	Grooved	1	Custom	WT12157
3L	In-Line	Plastic	3W	0.8-6.5	BSP	1	Standard	WT12159
3L	In-Line	Plastic	3W	0.8-6.5	Flange	1	Standard	WT12160
3L	In-Line	Plastic	3W	0.8-6.5	Grooved	1	Custom	WT12161
4	In-Line	Plastic	3W	0.8-6.5	Flange	1	Standard	WT12162
4	In-Line	Plastic	3W	0.8-6.5	Grooved	1	Custom	WT12163
6	In-Line	Plastic	3W	0.8-6.5	Flange	1	Standard	WT12164
6	In-Line	Plastic	3W	0.8-6.5	Grooved	1	Custom	WT12165

V2000 Hydraulic Control Valves - Hydraulic Relay

Size (inch)	Body	Pilot	Control Circuit	Spring Rating (bar)	Con.	Minimum Qty.	Order Status	Item Number
2L	In-Line	x	x	x	BSP	1	Standard	WT14365
3	In-Line	x	x	x	BSP	1	Standard	WT14367
3	In-Line	x	x	x	Flange	1	Standard	WT14369
3	In-Line	x	x	x	Groove	1	Custom	WT14370
3L	In-Line	x	x	x	BSP	1	Standard	WT14371
3L	In-Line	x	x	x	Flange	1	Standard	WT14373
3L	In-Line	x	x	x	Groove	1	Custom	WT14374
4	In-Line	x	x	x	Flange	1	Standard	WT14375
4	In-Line	x	x	x	Groove	1	Custom	WT14376
6	In-Line	x	x	x	Flange	1	Standard	WT14377
6	In-Line	x	x	x	Groove	1	Custom	WT14378

V3000 Hydraulic Control Valves

The V3000 Hydraulic Control Valves are constructed with several key features that provide long term durability under a variety of tough applications. And the valves are designed to 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. The V3000 are made of metal bodies and covers and assemble with just 4 bolts, reducing the time it takes for maintenance.

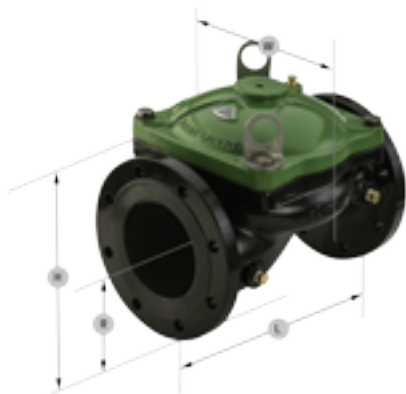
The V3000 Hydraulic Valves are offered in the four different configurations of basic, pressure reducing, pressure reducing and sustaining, and quick relief. These valves are offered in sizes from 2" to 10" and with a variety of pilot/springs and connections type.



V3000 - Angle

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.

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	•						•			•



Angle

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

V3000 Hydraulic Control Valves



V3000 Hydraulic Control Valves - Body

Size (inch)	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
2	In-Line			BSP	1	Standard	WT12241
3	In-Line			BSP	1	Standard	WT12243
3	In-Line			ISO-16	1	Standard	WT12246
3	In-Line			Grooved	1	Custom	WT12247
4	In-Line			ISO-16	1	Standard	WT12249
4	In-Line			Grooved	1	Custom	WT12251
6	In-Line			ISO-16	1	Standard	WT12253
8	In-Line			ISO-16	1	Standard	WT12256
10	In-Line			ISO-16	1	Standard	WT12259
2	Angle			BSP	1	Standard	WT14380
3	Angle			BSP	1	Standard	WT14382
4	Angle			ISO-16	1	Standard	WT14384

V3000 Hydraulic Control Valves – ON/OFF, manual

Size (inch)	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
2	In-Line	Manual Selector		BSP	1	Standard	WT12262
3	In-Line	Manual Selector		BSP	1	Standard	WT12264
3	In-Line	Manual Selector		ISO-16	1	Standard	WT12267
3	In-Line	Manual Selector		Grooved	1	Custom	WT12268
4	In-Line	Manual Selector		ISO 16	1	Standard	WT12270
4	In-Line	Manual Selector		Grooved	1	Custom	WT12272
6	In-Line	Manual Selector		ISO 16	1	Standard	WT12274
8	In-Line	Manual Selector		ISO 16	1	Standard	WT12277
10	In-Line	Manual Selector		ISO 16	1	Standard	WT12280

V3000 Hydraulic Control Valves – ON/OFF, Electric, NC

Size (inch)	Body	Control Circuit	Features	Con.	Minimum Qty.	Order Status	Item Number
2	In-Line	3W	24 V AC	BSP	1	Standard	WT14402
3	In-Line	3W	24 V AC	BSP	1	Standard	WT14404
3	In-Line	3W	24 V AC	ISO-16	1	Standard	WT14406
3	In-Line	3W	24 V AC	Grooved	1	Custom	WT14408
4	In-Line	3W	24 V AC	ISO 16	1	Standard	WT14410
4	In-Line	3W	24 V AC	Grooved	1	Custom	WT14412
6	In-Line	3W	24 V AC	ISO 16	1	Standard	WT14414
2	In-Line	3W	12V DC Latch	BSP	1	Standard	WT14417
3	In-Line	3W	12V DC Latch	BSP	1	Standard	WT14419
3	In-Line	3W	12V DC Latch	ISO-16	1	Standard	WT14421
3	In-Line	3W	12V DC Latch	Grooved	1	Custom	WT14423
4	In-Line	3W	12V DC Latch	ISO 16	1	Standard	WT14425
4	In-Line	3W	12V DC Latch	Grooved	1	Custom	WT14427
6	In-Line	3W	12V DC Latch	ISO 16	1	Standard	WT14429

V3000 Hydraulic Control Valves



V3000 Hydraulic Control Valves - Pressure Reducing, Manual

Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
3	Plastic	2/3W	0.5 - 3.0	Manual Selector	BSP	1	Standard	WT14432
3	Plastic	2/3W	0.5 - 3.0	Manual Selector	ISO 16	1	Standard	WT14434
3	Plastic	2/3W	0.5 - 3.0	Manual Selector	Grooved	1	Custom	WT14437
4	Plastic	2/3W	0.5 - 3.0	Manual Selector	ISO 16	1	Standard	WT14439
4	Plastic	2/3W	0.5 - 3.0	Manual Selector	Grooved	1	Custom	WT14441
2	Plastic	3W	0.8 - 6.5	Manual Selector	BSP	1	Standard	WT12283
3	Plastic	3W	0.8 - 6.5	Manual Selector	BSP	1	Standard	WT12285
3	Plastic	3W	0.8 - 6.5	Manual Selector	ISO 16	1	Standard	WT12288
3	Plastic	3W	0.8 - 6.5	Manual Selector	Grooved	1	Custom	WT12289
4	Plastic	3W	0.8 - 6.5	Manual Selector	ISO-16	1	Standard	WT12291
4	Plastic	3W	0.8 - 6.5	Manual Selector	Grooved	1	Custom	WT12293
6	Metal	3W	1.0 - 16.0	Manual Selector	ISO-16	1	Standard	WT12295
8	Metal	2/3W	1.0 - 16.0	Manual Selector	ISO-16	1	Standard	WT12298
10	Metal	2/3W	1.0 - 16.0	Manual Selector	ISO-16	1	Standard	WT12301



V3000 Hydraulic Control Valves - Pressure Reducing, Electric, NC

Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
2	Plastic	2/3W	0.5 - 3.0	12V DC Latch	BSP	1	Standard	WT14573
3	Plastic	2/3W	0.5 - 3.0	12V DC Latch	BSP	1	Standard	WT14575
2	Plastic	2/3W	0.5 - 3.0	24 V AC	BSP	1	Standard	WT14574
3	Plastic	2/3W	0.5 - 3.0	24 V AC	BSP	1	Standard	WT14576
2	Plastic	2/3W	0.8 - 6.5	12V DC Latch	BSP	1	Standard	WT12346
3	Plastic	2/3W	0.8 - 6.5	12V DC Latch	BSP	1	Standard	WT12348
3	Plastic	2/3W	0.8 - 6.5	12V DC Latch	ISO 16	1	Standard	WT12350
3	Plastic	2/3W	0.8 - 6.5	12V DC Latch	Grooved	1	Custom	WT12352
4	Plastic	2/3W	0.8 - 6.5	12V DC Latch	ISO 16	1	Standard	WT12354
4	Plastic	2/3W	0.8 - 6.5	12V DC Latch	Grooved	1	Custom	WT12356
6	Metal	2/3W	1.0 - 16.0	12V DC Latch	ISO 16	1	Standard	WT12358
8	Metal	2/3W	1.0 - 16.0	12V DC Latch	ISO 16	1	Standard	WT12361
10	Metal	2/3W	1.0 - 16.0	12V DC Latch	ISO 16	1	Standard	WT12364
2	Plastic	2/3W	0.8 - 6.5	24 V AC	BSP	1	Standard	WT12325
3	Plastic	2/3W	0.8 - 6.5	24 V AC	BSP	1	Standard	WT12327
3	Plastic	2/3W	0.8 - 6.5	24 V AC	ISO 16	1	Standard	WT12329
3	Plastic	2/3W	0.8 - 6.5	24 V AC	Grooved	1	Custom	WT12331
4	Plastic	2/3W	0.8 - 6.5	24 V AC	ISO 16	1	Standard	WT12333
4	Plastic	2/3W	0.8 - 6.5	24 V AC	Grooved	1	Custom	WT12335
6	Metal	2/3W	1.0 - 16.0	24 V AC	ISO 16	1	Standard	WT12337
8	Metal	2/3W	1.0 - 16.0	24 V AC	ISO 16	1	Standard	WT12340
10	Metal	2/3W	1.0 - 16.0	24 V AC	ISO 16	1	Standard	WT12343

V3000 Hydraulic Control Valves



V3000 Hydraulic Control Valves - Quick Relief, NC

Size (inch)	Body	Pilot	Control Circuit	Spring Rating (bar)	Con.	Minimum Qty.	Order Status	Item Number
2	Angle	Metal	2W	1.0-16	BSP	1	Standard	WT12367
3	Angle	Metal	2W	1.0-16	BSP	1	Standard	WT12369
4	Angle	Metal	2W	1.0-16	ISO-16	1	Standard	WT12372



V3000 Hydraulic Control Valves - Pressure Reducing and Sustaining

Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
2	Plastic	3W	0.8 – 6.5	Manual Selector	BSP	1	Standard	WT12304
3	Plastic	3W	0.8 – 6.5	Manual Selector	BSP	1	Standard	WT12306
3	Plastic	3W	0.8 – 6.5	Manual Selector	BSTD	1	Custom	WT12307
3	Plastic	3W	0.8 – 6.5	Manual Selector	ISO 16	1	Standard	WT12308
3	Plastic	3W	0.8 – 6.5	Manual Selector	Grooved	1	Custom	WT12310
4	Plastic	3W	0.8-6.5	Manual Selector	ISO-16	1	Standard	WT12312
4	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT12314
6	Plastic	3W	0.8-6.5	Manual Selector	BSTD	1	Custom	WT12315
6	Metal	3W	1.0-16.0	Manual Selector	ISO-16	1	Standard	WT12316
8	Metal	3W	1.0-16.0	Manual Selector	ISO-16	1	Standard	WT12319
10	Metal	3W	1.0-16.0	Manual Selector	ISO-16	1	Standard	WT12322

V3000 Hydraulic Control Valves - Pressure Sustaining, Manual

Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
2"	Plastic	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT14239
3"	Plastic	3W	0.8-6.5	Manual Selector	BSP	1	Standard	WT14242
3"	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT14442
4"	Plastic	3W	0.8-6.5	Manual Selector	ISO-16	1	Standard	WT14248
4"	Plastic	3W	0.8-6.5	Manual Selector	Grooved	1	Custom	WT14443
6"	Metal	3W	1.0 - 16.0	Manual Selector	ISO-16	1	Standard	WT14251
8"	Metal	3W	1.0 - 16.0	Manual Selector	ISO-16	1	Standard	WT14254

V3000 Hydraulic Control Valves - Hydraulic Relay, N.C.

Size (inch)	Pilot	Control Circuit	Spring Rating (bar)	Features	Con.	Minimum Qty.	Order Status	Item Number
2	In-Line			Hydraulic Relay	BSP	1	Standard	WT14387
3	In-Line			Hydraulic Relay	BSP	1	Standard	WT14389
3	In-Line			Hydraulic Relay	ISO-16	1	Standard	WT14392
3	In-Line			Hydraulic Relay	Grooved	1	Custom	WT14393
4	In-Line			Hydraulic Relay	ISO-16	1	Standard	WT14395
4	In-Line			Hydraulic Relay	Grooved	1	Custom	WT14397
6	In-Line			Hydraulic Relay	ISO-16	1	Standard	WT14399



Hydraulic Control Valve Accessories - Finger Filters

Description	Application	Body	Con.	Minimum Qty.	Order Status	Item Number
Finger Filter - 1/4"	V1000, V2000	Plastic	1/4"M x 1/8"F	1	Standard	WT14003
Finger Filter Short - 1/4"	V1000, V2000	Plastic	1/4"M x 1/8"F	1	Standard	WT14004
Finger Filter - 1/4"	V1000, V2000	Stainless Steel	1/4"M x 1/4"M	1	Standard	WT14005



Hydraulic Control Valve Accessories - Hydraulic Relays

Description	Application	Body	Con.	Min. Qty.	Order Status	Item Number
Hydraulic Relay -Up to 1.0 (Silver)	3W	Plastic	1/8	1	Consult	



WT12558 - Pilot - Multi Purpose Mini



WT12559 - Pilot - Pressure Reducer Mini

Hydraulic Control Valve Accessories - Pilots

Description	Pilot Type	For Valve Size: (inch)	Cont.	Spring Rating (bar)	Minimum Qty.	Order Status	Item Number
Pilot - Multi Purpose Mini	Plastic	2-4	3W	0.8-6.5	1	Standard	WT12558
Pilot - Pressure Reducer Mini	Plastic	2-4	2/3W	0.5-3.0	1	Standard	WT12559
Pilot - Quick Relief Mini, MT	Brass W/Plastic Cover	2-4	2W	1.0-16.0	1	Standard	WT12561
Pilot - Quick Relief Mini, MT	Plastic	2-4	2W	1.0-12.0	1	Standard	WT12560
Pilot - Multi Purpose Mini	Laiton	4-10	3W	1.0-16.0	1	Custom	101019021

V3000 Hydraulic Control Valves



WT12574 - Solenoid
AC - 24v AC



WT12576 - Solenoid
AC - 24v AC



WT12918 - Solenoid
DC Latch - 12-50v
DC

Hydraulic Control Valve Accessories - Solenoids

Description	Cont.	Body	Function	Wires	Minimum Qty.	Order Status	Item Number
Solenoid DC Latch - 6-20v DC	2W	w/o	NC	2	1	Standard	WT12575
Solenoid DC Latch - 9-40v DC	3W	Plastic	w/o	2	1	Standard	WT14160
Solenoid DC Latch - 12-50v DC	3W	Plastic	w/o	2	1	Standard	WT12918
Solenoid AC - 24v AC	2W	w/o	NC	2	1	Standard	WT12574
Solenoid AC - 24v AC	3W	Plastic	NO	2	1	Standard	WT12576



Hydraulic Control Valve Accessories - Direct Acting Pressure Reducing Valve

Size (inch)	Con.	Function	Body	Spring Rating (bar)	Spring (color)	Flow Rate (m ³ /h)	Min. Qty.	Order Status	Item Number
3/4	BSP	Female- Female	Plastic	0.5-1.2	Yellow	0.2-5.0	1	Standard	101005719
3/4	BSP	Female- Female	Plastic	0.8-2.5	White	0.2-5.0	1	Standard	101005720
3/4	BSP	Female- Female	Plastic	2.0-4.0	Red	0.2-5.0	1	Standard	101005721
1	BSP	Female- Female	Plastic	0.5-1.2	White	0.1 -7.0	1	Standard	WT12562
1	BSP	Female- Female	Plastic	1.0-2.0	Red	0.1 -7.0	1	Standard	WT12563
1	BSP	Female- Female	Plastic	1.5-3.5	Black	0.1 -7.0	1	Standard	WT12564
1.5	BSP	Female- Female	Plastic	0.5-1.2	White	0.45-18.0	1	Standard	WT12568
1.5	BSP	Female- Female	Plastic	1.0-2.0	Red	0.45-18.0	1	Standard	WT12569
1.5	BSP	Female- Female	Plastic	1.5-3.5	Black	0.45-18.0	1	Standard	WT12570
1.5	BSP	Female- Female	Plastic	3.5-5.5	Brown	0.45-18.0	1	Standard	WT14273



Pressure Gauge (Glycerin filled)

Description	Pressure	Inlet Male Threaded	Cont.	Inlet side	Diameter		Precision	Av. Weight	Min. Qty.	Order Status	Item Number
	(bar)				(inch)	(mm)					
Rivulis pressure gauge liquid	2.5	1/4	BSP	Bottom	63	2.5	1.6	216.5	1	Custom	101048752
Rivulis pressure gauge liquid	4.0	1/4	BSP	Bottom	63	2.5	1.6	216.5	1	Custom	101048753
Rivulis pressure gauge liquid	6.0	1/4	BSP	Bottom	63	2.5	1.6	216.5	1	Custom	101048754
Rivulis pressure gauge liquid	10.0	1/4	BSP	Bottom	63	2.5	1.6	216.5	1	Custom	101048755











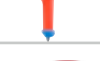

Pressure Gauge (Dry)






Description	Pressure	Inlet Male Threaded	Cont.	Inlet side	Diameter		Precision	Av. Weight	Min. Qty.	Order Status	Item Number
	(bar)				(inch)	(mm)					
Rivulis pressure gauge Dry	2.5	42095	BSP	Bottom	63	2.5	2.5	133.7	1	Custom	Consult
Rivulis pressure gauge Dry	4.0	42095	BSP	Bottom	63	2.5	2.5	133.7	1	Custom	101048756
Rivulis pressure gauge Dry	6.0	42095	BSP	Bottom	63	2.5	2.5	133.7	1	Custom	101048757
Rivulis pressure gauge Dry	10.0	42095	BSP	Bottom	63	2.5	2.5	133.7	1	Custom	101048758

Drill Bits, Drill and Punch Tools






Image	Description	Applications	Min. Qty.	Order Status	Item Number
	Conic Drill Bit - 10-20 mm	Drilling holes in PVC pipes for start connectors	1	Custom	101003341
	Conic Drill Bit Limiter	Assembled on conic drill bit 10-20 mm to drill 16mm holes	1	Custom	101003340
	Drill bit - 15 mm (DR-15)	Drilling holes in PVC pipes for B400 start connector grommets	1	Custom	101001353
	Drill bit - 15.5 mm (DR-15.5)	Drilling holes in PVC pipes for start connector grommets	1	Custom	101018417
	Drill bit - 16 mm (DR-16)	Drilling holes in PVC pipes for start connector grommets	1	Standard	101003342
	Drill bit - 17 mm (DR-17)	Drilling holes in PVC pipes for B425 start connector grommets	1	Custom	101001354
	Drill bit - 19 mm (DR-19)	Drilling holes in PVC pipes for B700 start connector grommets	1	Standard	101001355
	7.5 mm Cutting blade (DR-7.5)	For start connectors (12-20 mm)	1	Custom	101013496
	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
	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
	7.5 mm Simple manual punch (R4-K 7.5)	For start connectors (12-20 mm) & 9mm flat barb plunger	1	Standard	101003345
	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
	R4-R. Simple Inserter	For start connectors, 9 mm flat barb plunger & start connector gasket	1	Standard	101003343

Drill Bits, Drill and Punch Tools					
Image	Description	Applications	Minimum Qty.	Order Status	Item Number
	400 Barb Inserter	For start connectors B400 into Thin Wall PE tubing	1	Custom	101001107
	400 Barb Inserter	For start connectors B400 into Thin Wall PE tubing	1	Custom	101001109
	700 Barb Inserter	For start connectors B700 into Thin Wall PE tubing	1	Custom	101001111
	700 Barb Inserter	For start connectors B700 into Thin Wall PE tubing	1	Custom	101001112


Insertion Tools - Punches, Assembling Micro Tubes and Accessories and On line drippers					
Image	Description	Applications	Min. Qty.	Order Status	Item Number
	3.7 mm Mini Punch	Punch for 8 mm connectors	1	Custom	101022746
	2.8 mm Manual Punch Inserter	For Katif side outlet, Meteor 4x7 mm, 4x7 mm microtube connector, barbed anti-leak mini valve	1	Standard	101001881
	2.8 mm Simple Punch Inserter	For Katif top outlet, Meteor 4x7 mm, 4x7 mm microtube connector, barbed anti-leak mini valve	1	Standard	101001880
	2.8 mm Mini Punch	For Katif drippers, Meteor 4x7 mm, 4x7 mm microtube connector, barbed anti-leak mini valve	1	Custom	101003347
	2 mm Punch	For online drippers, multi-outlet adaptor	1	Standard	101001967
	2.0 mm Mini Punch	For online drippers, multi-outlet adaptor	1	Custom	101022748

Insertion Tools Punches, Cutters					
Image	Description	Applications	Min. Qty.	Order Status	Item Number
	2 mm Quick Cut 16 mm or 20 mm	For multi-outlet adaptor	1	Standard	101003349
	2 mm Quick Cut spare blade	Replacement blade for 101003349	1	Custom	101022747
	2 mm Universal Punch	For holes in PE pipes 12-32 mm	1	Custom	101003353
	Talli 3x5 mm		1	Custom	101011339
	Super Talli 3x5 mm		1	Custom	101038664

Insertion Tools - Layflat Cutters, Tools and Accessories

Image	Description	Applications	Min. Qty.	Order Status	Item Number
	14 mm Layflat cutter	For cutting holes in layflat pipes for start connectors	1	Standard	101001118
	16 mm Layflat cutter	For cutting holes in layflat pipes for start connectors	1	Standard	101001119
	19 mm Layflat cutter	For cutting holes in layflat pipes for start connectors	1	Standard	101001120
	Pro-Grip Layflat Spanner Wrench	For tightening layflat start connectors	1	Custom	101001121
	Pro-Grip Layflat Tee Hex Wrench 500 Series	Hex Wrench uses with Spanner wrench for tightening layflat start connectors	1	Custom	101001123

Insertion Tools - Layflat Cutters, Tools and Accessories

Image	Description	Applications	Min. Qty.	Order Status	Item Number
	Spanner Wrench - For S5000	To tighten the sprinkler to the holder and to disconnect nozzles whenever needed for maintenance	1	Standard	WT13812
	Centralized 8mm driller				101011244
	Screw-Tap 3/8" W				101022770
	E1000 Dripper maintenance tool				101043997
	Layflat Metal Driver HEX				101030550
	2.8mm Quick cut 16 or 20mm				101003350
	R3-3A				101003352

Gravity Fed Drip Irrigation Kit

Rivulis Gravity Fed Drip Irrigation Kit is the most economical solution for small-scale plots.

Three different models: 100m², 250m² and 500m².

All products and parts needed for installation and operation are included.

Durable multi-season brown dripline: HydroBloom 8 mm.

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, Modular kit assemblies for different plot sizes.

Emitter highly resistant to clogging even in low flow rates due to:

Double Large Inlet Filter, Large Cross Section Labyrinth, Two Water Outlets Holes.

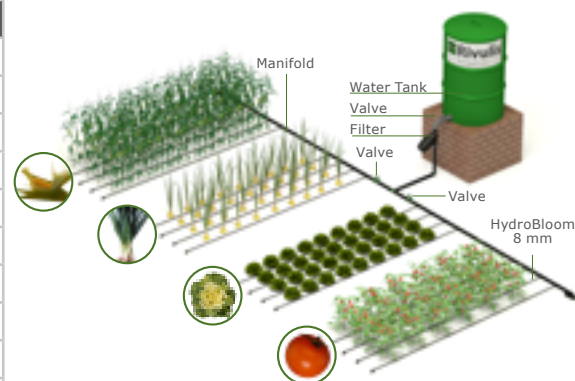


Technical data			
Pressure (water tank height)	P = 1.0 meter	P = 1.5 m	P = 2.0 m
Dripper flow rate (lph)	0.36	0.45	0.54
Application rate (flow rate divided by the dripper spacing) (mm/h)	1.2	1.5	1.8
Total flow rate of full plot with 1m lateral spacing - 100m ² , 250m ² , 500m ² (lph)	120, 300, 600	150, 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
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		

*On Flat Terrain.

Gravity Fed Drip Irrigation Kit - 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



Calculated Irrigation Time - Example:

Pressure (water tank height)	P = 1.0 meter	P = 1.5 m	P = 2.0 m
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.

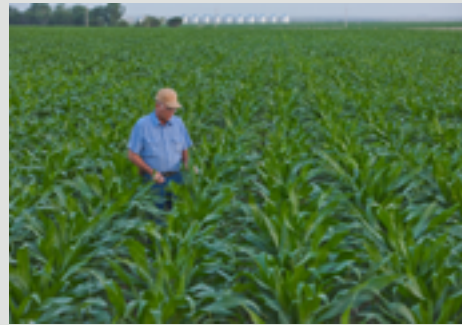
* Hourly water amount according to the working pressures when the whole system is operated simultaneously or when the system is operated in two halves.

Gravity Fed Drip Irrigation Kit

Image	Description	Min. Qty.	Order Status	Item Number
	DK100-G 8/32/1.2/0.30 Gravity Kit 100m ²			101049411
	DK250-G 8/32/1.2/0.30 Gravity Kit 250m ²			101049412
	DK500-G 8/32/1.2/0.30 Gravity Kit 500m ²			101049413

Rivulis Irrigation

Rivulis Irrigation is one of the largest irrigation companies in the world. Providing precision drip and micro irrigation products and services to growers in every corner of the globe. And we're reaching these growers with industry leading irrigation brands like T-Tape, Supertif, and Rondo. All of these products have been designed to deliver the right amount of water, at the right time. Helping growers efficiently and effectively use their resources.



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