

# Rivulis D1000

## Thin Wall Drip Line



### Product Information

#### ActiveFlex™ technology

Color strip: green  
Outlet type: slit

### Applications

Various crops including vegetables and field crops (tomatoes, carrots, broccoli, peppers, corn, strawberries, melons).  
Above ground or subsurface (5–10 cm)

### Product Options

Diameters: 16, 22 mm

Wall thicknesses:  
16 mm – 6 and 8 mil  
22 mm – 8 mil

Flow rates: 1,0, 1,5 l/h

Standard dripper spacings:  
15, 20, 25, 30, 40 and 50cm

### Operating Guidelines

Operating pressure: 0,8 bar

Flow rates calculated at 1,0 bar

Filtration requirements:  
1,0 l/h – 100 micron (150 mesh)  
1,5 l/h – 130 micron (120 mesh)

Fittings: Pro-Grip fittings

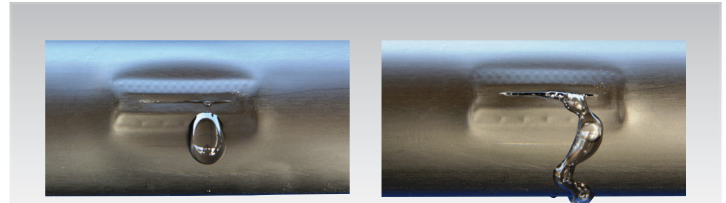
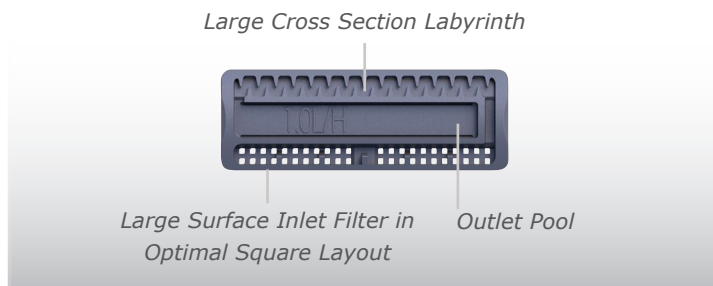
The D1000 Drip Line with ActiveFlex™ technology offers the agriculture industry's most advanced thin wall drip line. Driven by Rivulis Irrigation's extensive knowledge of and experience in developing and manufacturing the world's best drip tapes and drip lines, the D1000 Drip Line with the ActiveFlex™ 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 superior plug resistance. With all its features, the D1000 Drip Line with ActiveFlex™ technology delivers enhanced performance in your field.

# Rivulis D1000 Thin Wall Drip Line

The D1000 Drip Line with ActiveFlex™ has been designed to optimize performance and clogging resistance.

- 1) With just the right amount of flexibility, the compact, molded dripper ideally integrates with the slit outlet, creating an optimal open-close outlet mechanism.
- 2) The leading-edge dripper (patent pending) cleverly combines the key dripper elements (filtration, labyrinth and outlet) into the 3 parallel functions design resulting in both the ideal layout & dimensions.
- 3) Provides benefits found in drip lines:
  - Clog resistance
  - Consistency & accuracy of irrigation, low CVs
  - Durability & minimal bursting

## 3 Parallel Functions Design:



The D1000 Dripper slit outlet opens to emit the water and then closes. The slit outlet remains closed when the drip line is not pressurized. The advantage of an outlet that closes is its resistance to particle ingestion during installation, system shutdown, retrieval, and use in subsurface applications.

## 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

## D1000 Drip Line - Product Data

Dia.	I.D	Wall Thickness		Flow Rate	Max. Operating Pressure	Reel Length	Reel Weight	Rolls Per Pallet
(mm)	(mm)	(mil)	(mm)	(l/h)	(bar)	(m)	(kg)	
16	16,4	6	0,15	1,0, 1,5	1,0	3 000	28,0	16
16	16,4	8	0,20	1,0, 1,5	1,2	2 500	28,5	16
22	22,2	8	0,20	1,0, 1,5	0,9	1 800	29	16

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

## D1000 Drip Line - Shipping Information

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