

Rivulis D2000 Drip Line



Operating guidelines

Recommended operating pressure:
1 bar

Filtration requirements:

1,0 l/h:
100 micron (150 mesh)

1,5, 2,0 and 4,0 l/h:
130 micron (120 mesh)

Product information

Nominal diameter: 16 and 20 mm

Wall thickness:
For 16 mm - 30, 35, 40 and 45 mil
For 20 mm - 40 mil

Flow rates: 1,0, 1,5, 2,0 and 4,0 l/h

Standard dripper spacing:
20*, 25*, 30, 33, 40, 50, 60, 75, 100 cm
*only for 1,0, 1,5 and 2,0 l/h

The Rivulis D2000 Drip Line delivers the right combination of features to produce both reliable and efficient performance in a mid and heavy wall thickness drip line. The innovative flat dripper design minimizes resistance to the water flow in the main channel, allowing growers to utilize longer lateral runs than similar round dripper drip lines. The design of the dripper incorporates features such as large filtration area, large dripper channel, and sharp teeth to create a turbulent flow which resists clogging.

The Rivulis D2000 Drip Line is available in several models, allowing growers to choose the product that meets the precise needs of their row crops, fruit orchards, vineyards or greenhouses. Each of the Rivulis D2000 Drip Line models consists of a different configuration of diameter, wall thickness, flow rate and dripper spacing. Choose the Rivulis D2000 Drip Line that is right for you.

Rivulis D2000 Drip Line

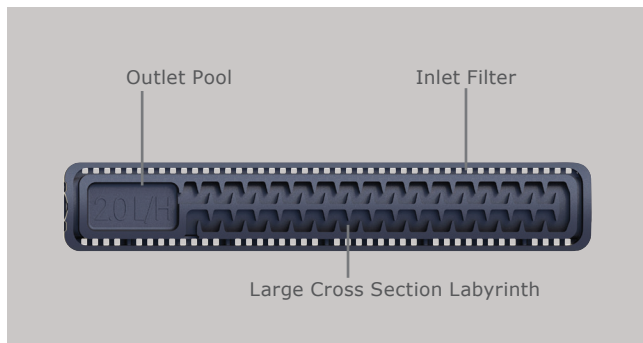
Features

- 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



D2000 - Technical data

Product	Inside diameter	Wall thickness	Wall thickness	Flow rate	Max. Operating pressure	Reel length
(mm)	(mm)	(mil)	(mm)	(l/h)	(bar)	(m)
16	13,8	30	0,76	1,0, 1,5, 2,0, 4,0	2,5	600
		35	0,89	1,0, 1,5, 2,0, 4,0	3,0	500
		40	1,02	1,0, 1,5, 1,95, 3,95	3,0	400
		45	1,14	1,0, 1,5, 1,95, 3,95	3,0	400
20	17,6	40	1,02	1,0	3,0	450

D2000 - Maximum recommended drip line length (m) on flat terrain

Product (mm/ mil/ l/h)	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
16/30/1,5	54	72	88	103	116	134	162	62	83	101	118	133	152	186
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
16/40/1,5	54	72	88	102	115	134	161	62	82	100	117	132	152	185
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