

TifDrip



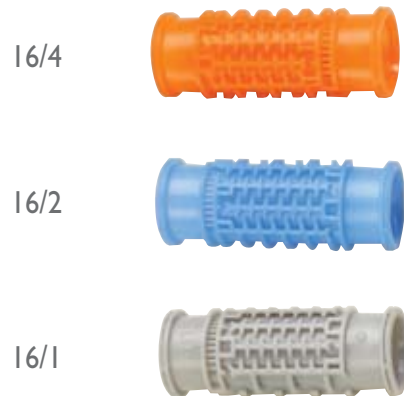
High-performance, long-lasting cylindrical 16 mm dripper incorporates the unique advantages of the Cascade labyrinth

APPLICATIONS

- All-purpose dripline
- Suitable for greenhouses, vegetables and flower fields
- Recommended where low flow rate and dense spacing are required

STRUCTURE AND FEATURES

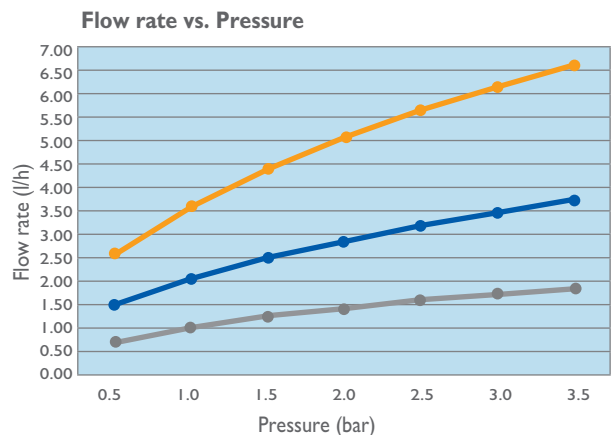
- Compact cylindrical design with double water inlets and outlets ensures high clog resistance and improved durability
- Wide range of wall thicknesses: 0.65-1.15 mm
- Wide water passages facilitates constant flushing of sand and dirt particles, contributing to efficient self-cleaning
- Low CV ensures accurate and reliable flow
- Significant saving in water and fertilizers



FLOW RATE VS. PRESSURE

P (bar)	W.T	Nominal flow rate (l/h)											
		16/1				16/2				16/4			
		0.65mm	0.9mm	1.0mm	1.15mm	0.65mm	0.9mm	1.0mm	1.15mm	0.65mm	0.9mm	1.0mm	1.15mm
0.5		0.82	0.82	0.82	0.72	1.61	1.50	1.50	1.43	2.72	2.58	2.58	2.58
1.0		1.20	1.15	1.15	1.00	2.25	2.10	2.10	2.00	3.80	3.60	3.60	3.60
1.5		1.40	1.40	1.40	1.21	2.73	2.55	2.55	2.43	4.62	4.37	4.37	4.37
2.0		1.60	1.60	1.60	1.39	3.14	2.93	2.93	2.79	5.30	5.02	5.02	5.02
2.5			1.79	1.79	1.55		3.26	3.26	3.10		5.59	5.59	5.59
3.0			1.95	1.95	1.69		3.56	3.56	3.39		6.10	6.10	6.10
3.5				2.10	1.82			3.83	3.65			6.57	6.57
a		0.381	0.381	0.381	0.331	0.745	0.695	0.695	0.662	1.258	1.192	1.192	1.192
x		0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48

a=Dripper flow constant, x=Dripper flow exponent



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MAXIMAL LATERAL LENGTH (M), AT 10% FLOW VARIATION AND 1 BAR INLET PRESSURE*

Dripline Type		Maximal Lateral Length (m) for Dripper Spacing (cm)						
Nominal diameter (mm)	Wall thickness (mm)	20	30	40	50	60	70	100
TifDrip 16/1								
16	0.65	58	82	102	120	138	159	196
	0.90	63	88	110	130	149	167	207
	1.00	63	88	110	130	149	167	207
	1.15	69	96	120	142	163	183	231
TifDrip 16/2								
16	0.65	48	63	77	90	101	113	138
	0.90	44	61	76	90	103	115	144
	1.00	44	61	76	90	103	115	144
	1.15	45	62	78	92	106	118	149
TifDrip 16/4								
16	0.65	36	47	56	66	74	83	101
	0.90	32	43	54	64	73	82	103
	1.00	32	43	54	64	73	82	103
	1.15	32	43	54	64	73	82	103



TECHNICAL DATA

Nominal diameter (mm)	Wall thickness		ID (mm)	OD (mm)	Maximum working pressure (bar)	Connectors Barb	Packaging and shipping			
	(mm)	(mil)					Coil length	Coils per 20 ft. container	Coils per 40 ft. container	Coils per 40 ft. HC container
16	0.65	25	13.9	15.20	2.0	•	500	135	280	320
	0.90	35	13.9	15.70	3.0	•	400	165	350	395
	1.00	39	13.9	15.90	3.5	•	400	165	350	395
	1.15	45	13.9	16.20	3.5	•	400	165	350	395

* On flat ground

*See pressure range in the technical data table.

