

THICK & MEDIUM WALLED NON-PC CYLINDRICAL DRIPLINE

TifDrip



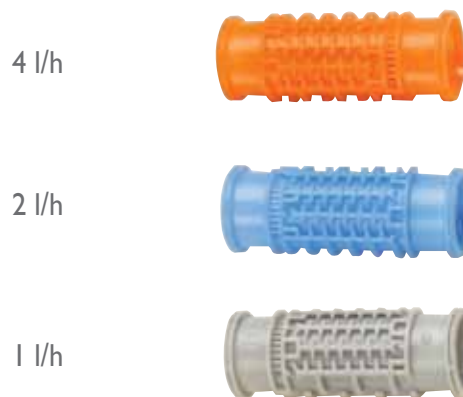
High-performance, long-lasting cylindrical 16 mm dripper incorporates the unique advantages of the Cascade labyrinth

APPLICATIONS

- All-purpose dripline
- Suitable for greenhouses, vegetables, flower fields, orchards and field crops

STRUCTURE AND FEATURES

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

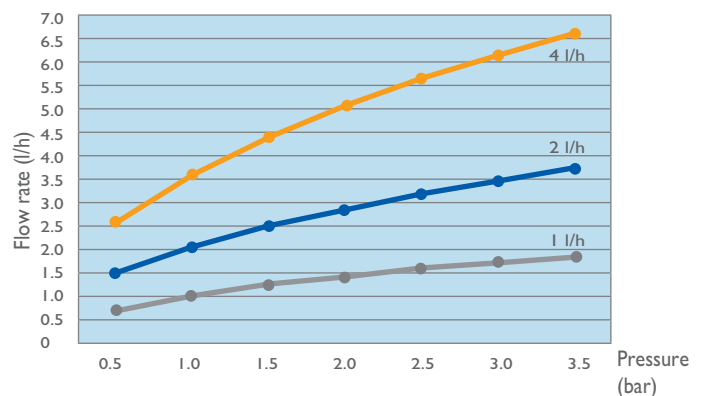


FLOW RATE VS. PRESSURE

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

Flow rate vs. Pressure



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TECHNICAL DATA

Nominal diameter (mm)	Wall thickness		ID (mm)	OD (mm)	Maximum working pressure (bar)	KD	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	0.55	•	500	140	260	290
	0.90	35	13.9	15.70	3.0	0.55	•	400	165	350	395
	1.00	39	13.9	15.90	3.5	0.55	•	400	165	350	395
	1.15	45	13.9	16.20	3.5	0.55	•	400	165	350	395



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

* On flat ground

* See pressure range in the technical data table.

