



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 ensure high clog resistance and improved durability
- Symmetrical dripper structure allows for future outlet punching
- Wide range of wall thicknesses: 0.65-1.15 mm
- Wider water passages facilitate 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

Technical data

Dripline	Wall th. (mm)	OD (mm)	ID (mm)	Dripper flow rate (l/h)	Dripper spacing (cm)	Working pressure range (bar)	Coil length (m)
16 light	0.65	15.2	13.9	1.15, 2.25, 3.8	15-100	0.5-2.0	500
16	0.90	15.7	13.9	1.0, 2.0, 3.6	15-100	0.5-3.0	400
	1.00	15.9	13.9	1.0, 2.0, 3.6	15-100	0.5-3.5	400
	1.15	16.2	13.9	1.0, 2.0, 3.6	15-100	0.5-3.5	400

Lateral length (m) at 10% flow variations on level ground

Dripper model	Dripper spacing (cm)						
	20	30	40	50	60	75	100
16-1	88	114	138	160	180	208	252
16-2	57	74	90	104	116	134	162
16-4	39	50	60	70	78	91	109

For wall thickness 0.9-1.15 mm

TifDrip light

Max. lateral length (m) at 10% flow variations on flat ground

Dripper model	Dripper spacing (cm)						
	20	30	40	50	60	75	100
16-1	78	106	123	150	161	192	224
16-2	51	68	80	97	104	124	145
16-4	38	49	60	69	78	90	108

Flow vs. pressure

Wall th. (mm)	Flow rate (l/h)					
	1.0 (l/h) - white		2.0 (l/h) - black		4.0 (l/h) - orange	
	0.65	0.9-1.15	0.65	0.9-1.15	0.65	0.9-1.15
Pressure (bar)						
0.5	0.83	0.71	1.62	1.43	2.73	2.54
1.0	1.15	1.00	2.25	2.00	3.80	3.60
1.5	1.39	1.22	2.73	2.43	4.61	4.40
2.0	1.60	1.41	3.13	2.80	5.29	5.10
2.5		1.58		3.10		5.70
3.0		1.73		3.40		6.26
3.5		1.86		3.66		6.76
a	0.3850	0.3206	0.7485	0.6575	1.2626	1.1294
x	0.4750	0.4967	0.4780	0.4831	0.4785	0.5034

a = Dripper flow constant, x = Dripper flow exponent
CV ≤ 0.03

