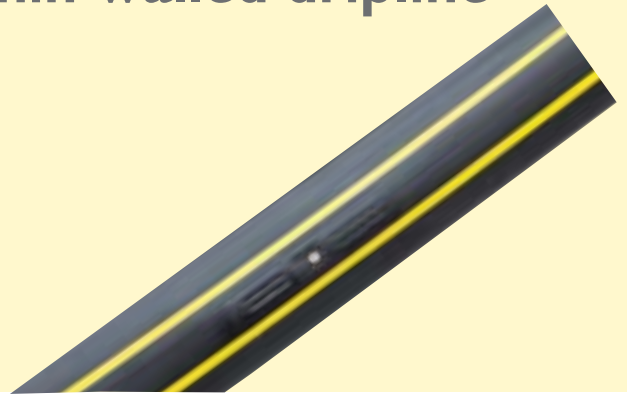


Turbo Slim



Thin-walled dripline



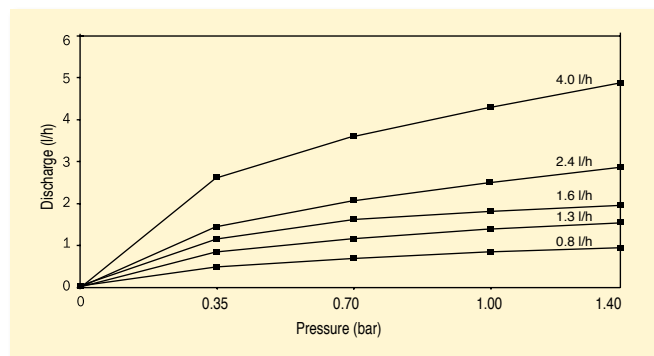
APPLICATIONS

- Recommended for closely spaced seasonal row crops like tomato, cotton, chilly, potato, ground nut, onion, vegetables, oil seeds, corn, strawberry, floriculture, etc.
- Suitable for surface and subsurface applications

DRIPERS TECHNICAL SPECIFICATIONS

Dripper flow rate		Dripper exponent	Flow coefficient	Coeff. of mfgr. variation	Flow path dimension mm		
l/h at 0.7 bar	l/h at 1.0 bar				x	k	CVm
0.6	0.8	0.49	0.8	4.0	58	0.5	0.60
1.1	1.3	0.54	1.3	4.5	58	0.7	0.60
1.4	1.6	0.54	1.5	3.0	58	0.7	0.65
2.0	2.4	0.50	2.4	3.5	58	0.8	0.80
3.5	4.0	0.50	4.0	2.0	58	1.0	0.90

Flow equation $q = kHX$, q = discharge, l/h, H = Pressure head, kg/cm², x = Dripper exponent



STRUCTURE AND FEATURES

- Seamless drip tape with drippers permanently fixed inside. Seamless construction improves ability to withstand pressure fluctuations.
- Marked with two parallel yellow stripes 'Twin-Line®'. Symbol of quality. It also helps to ensure upright positioning of the dripper.
- Manufactured from special grade, virgin polymer ensuring close dimensional tolerance and higher strength even at lower wall thickness.
- Manufactured with the most modern, state-of-the-art equipment. It's computerized continuous online quality control ensures reliable quality and consistent performance.
- Hydraulically designed turbulent flow path dripper with wide cross sectional area and precision inlet filter that makes it a truly clog resistant drip tape.
- Precision laser drilled outlet holes.
- Extremely low manufacturing coefficient of variation, CVm ensures high field emission uniformity.
- Nominal Diameters 17 (I.D 16.1) & 22 (ID 22.2)mm
- Available in five flow rates of 0.8, 1.3, 1.6, 2.4, 4.0 l/h
- Available in wall thickness ranging from 6mil to 25mil (0.15mm to 0.63mm).
- Available in standard dripper spacing of 20, 30, 40, 50, 60, 75, 90 and 100 cm. Any other spacing and group spacings are available on demand
- Minimum 100 micron filtration recommended. However required filtration type and precision depends upon quality of source water.

Turbo Slim

TECHNICAL DATA

NDJ Drip 17mm

Nominal diameter	Wall thickness		ID (mm)	OD (mm)	Max. operating Pressure (bar)	Max. flushing Pressure (bar)	Min. filtration (micron)
	mil	mm					
17	6	0.15	16.1	16.4	0.8	1.2	100
17	8	0.20	16.1	16.5	1.1	1.7	100
17	10	0.25	16.1	16.6	1.4	2.1	100
17	12	0.30	16.1	16.7	1.6	2.4	100
17	15	0.38	16.1	16.9	2.0	3.0	100
17	18	0.45	16.1	17.0	2.4	3.6	100
17	20	0.50	16.1	17.1	2.7	4.1	100
17	25	0.63	16.1	17.4	3.4	5.1	100

NDJ Drip 22mm

Nominal diameter	Wall thickness		ID (mm)	OD (mm)	Max. operating Pressure (bar)	Max. flushing Pressure (bar)	Min. filtration (micron)
	mil	mm					
22	8	0.20	22.2	22.60	0.7	1.1	100
22	10	0.25	22.2	22.70	0.9	1.4	100
22	13	0.30	22.2	22.86	1.1	1.7	100
22	15	0.38	22.2	22.96	1.3	2.0	100
22	18	0.45	22.2	23.10	1.6	2.4	100
22	20	0.50	22.2	23.20	1.8	2.7	100
22	25	0.63	22.2	23.46	2.2	3.3	100

Note: 1 mil = 1/1000th part of an inch = 0.0254 mm



PACKAGING AND SHIPPING

Dripper spacing (cm)	Nominal Diameter of 16 mm								Coils Qty			
	6 mil (m)	8 mil (m)	10 mil (m)	12 mil (m)	15 mil (m)	18 mil (m)	20 mil (m)	25 mil (m)	Pallet	20 ft. container	40 ft. container	
15	2100	2100	2000	1700	1350	1000	900	500	16	280	672	
20	2300	2300	2100	1800	1400	1050	950	550	16	280	672	
25	2400	2400	2150	1850	1450	1100	1000	600	16	280	672	
30+	2700	2500	2250	1900	1500	1150	1000	600	16	280	672	
Dripper spacing (cm)	Nominal Diameter of 22 mm											
	15	1300	1100	800	900	750	650	600	400	16	280	672
	20	1500	1300	1000	1000	800	700	650	450	16	280	672
	25	1600	1400	1100	1050	850	750	700	500	16	280	672
	30+	1800	1500	1200	1100	900	800	700	500	16	280	672