

TechNet™ AS

Integral pressure-compensated, continuously self-flushing, anti-siphon mechanism dripper, dripline colored brown for landscape applications



Pressure-compensated



Anti-Siphon mechanism



Self-flushing mechanism

/ Benefits & Features

- **Pressure-compensated** Precise and equal amounts of water delivered over a broad pressure range, ensuring 100% uniformity of water and nutrient distribution along the laterals.
- **Anti-Siphon mechanism** Prevents contaminants from being drawn into the dripper, making it ideal for sub surface applications.
- **Continuously self-flushing** Flushes debris, throughout operation, while ensuring constant dripper operation.
- **Wide filtration area** Makes TechNet™ highly resistant to clogging with poor quality water, thus increasing filtration efficiency.
- **TurboNet™** Labyrinth ensures wide water passages, to increase flushing efficiency.
- **Brown color coded** For easy identification for landscape applications.

/ Specifications

- ✓ Broad choice of drippers flow rates: 1.0, 1.6, 2.0, 3.0 l/h.
- ✓ Dripper spacing's: 0.3, 0.4, 0.5, 1.0 m (other dripper spacing available upon request).
- ✓ Pressure-compensated range: 0.4-3.0 bar.
- ✓ Anti-Siphon mechanism.
- ✓ Recommended filtration: 130 micron / 120 mesh.
- ✓ Coil length: 50, 100, 200, 400/500 m.

→ DRIPPERS TECHNICAL DATA

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT *
1.0	0.4 - 3.0	0.61 x 0.60 x 8	42	1.0	0
1.6	0.4 - 3.0	0.76 x 0.73 x 8	42	1.6	0
2.0	0.4 - 3.0	0.84 x 0.80 x 8	42	2.0	0
3.0	0.4 - 3.0	1.02 x 0.88 x 8	42	3.0	0

*Within working pressure range

TechNet™ AS 16 120

Catalog number: 17708 - (any of bellow 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)																
	0.30	0.40	0.50	1.00	0.30	0.40	0.50	1.00	0.30	0.40	0.50	1.00	0.30	0.40	0.50	1.00	
1.0					001500												
1.6																	
2.0						000002											
3.0																	
Bundled coil length (M)	50	50	50	50	100	100	100	100	200	200	200	200	400	400	400	400	

Missing catalog numbers available upon request

→ DRIPLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	KD
16 120	14.20	1.20	16.60	4.0	0.72

→ DRIPLINES PACKAGE DATA (ON BUNDLED COIL)

MODEL	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)	COILS IN A 20 FEET CONTAINER (UNITS)	TOTAL IN A 20 FEET CONTAINER (M)
16 120	50	0.20 to 1.00	2.7	1440	72000	720	36000
	100		5.5	960	96000	480	48000
	200		11.0	480	96000	240	48000
	400		22.0	352	140800	176	70400

* Calculated weight average. For further details see "Average Coil Weight Disclaimer".

TechNet™ AS 16 100

Catalog number: 17678 - (any of bellow 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)															
	0.30	0.40	0.50	1.00	0.30	0.40	0.50	1.00	0.30	0.40	0.50	1.00	0.30	0.40	0.50	1.00
1.0																
1.6					004400	000001									004700	
2.0			006180				006200						005950	006120	006220	
3.0													007000			
Bundled coil length (M)	50	50	50	50	100	100	100	100	200	200	200	200	500	500	500	500

Missing catalog numbers available upon request

→ DRIPLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	KD
16 100	14.20	1.00	16.20	3.5	0.72

→ DRIPLINES PACKAGE DATA (ON BUNDLED COIL)

MODEL	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)	COILS IN A 20 FEET CONTAINER (UNITS)	TOTAL IN A 20 FEET CONTAINER (M)
16 100	50	0.20 to 1.00	3.2	1440	72000	720	36000
	100		6.5	960	96000	480	48000
	200		12.5	480	96000	240	48000
	500		24.9	352	176000	176	88000

* Calculated weight average. For further details see "Average Coil Weight Disclaimer".

