# 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 (MM²) | CONSTANT K | EXPONENT * X |
|---|---|---|---|---|---|
| 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”.