

UniTechline™ CNL

ANTI-SIPHON & ANTI-DRAIN MECHANISM

Pressure-compensating, continuously self-cleaning dripper

Applications

- Sub-surface and on-surface installation
- Areas subject to vandalism
- Slopes and high wind areas
- Turf, shrubs, trees
- Curved, narrow and unshaped planting areas
- Roof gardens

Specifications

- Dripper flow rates:
1.0, 1.6, 2.3 and 3.5 l/h
- Pressure-compensating range:
1.0-4.0 bar
- Anti-drain mechanism
- Anti-siphon mechanism
- Recommended filtration:
120 mesh
- Dripperline OD (outside diameter):
16.0 & 17.0 mm
- Dripperline ID (inside diameter):
13.7 & 14.4 mm

Features and Advantages

- CNL (anti-drain) – pressure sustaining mechanism for precise water distribution and pulse irrigation
- Anti-siphon mechanism prevents contaminants from being drawn into the dripper
- Self-compensating and self-cleaning
- 100 % uniformity for long length laterals
- The location of the drippers in the dripperline prevents the entrance of sediments. The water is drawn from the stream center
- High resistance to mechanical damage, root intrusion, clogging
- Largest filter in each dripper
- Widest water passages within the dripper
- Unique TurboNet™ flow path



UniTechline™ CNL • O.D. 16.0 mm • Inlet pressure: 3.0 bar • Max. lateral length* (m) / spacing between drippers (m)

Flow rate (l/h)	0.3	0.4	0.5	1.00
1.0	158	204	247	437
1.6	116	150	182	322
2.3	91	118	143	254
3.5	69	90	109	194

UniTechline™ CNL • O.D. 17.0 mm • Inlet pressure: 3.0 bar • Max. lateral length* (m) / spacing between drippers (m)



















Flow rate (l/h)	0.3	0.4	0.5	1.00
1.0	189	242	292	507
1.6	128	165	200	351
2.3	109	140	170	296
3.5	83	106	129	225

*Minimum pressure considered = 1.0 bar, calculated in a plain area

For maximal length at other inlet pressures, please contact your Netafim distributor or representative. Other spacings can be supplied on request.

Product	O.D. (mm)	Wall thickness (mm)	Flow rate (l/h)	Spacing (m)	Color	Coil length (m)
UniTechline™ CNL	16	1.2	1.0	0.3	brown	25
	17		1.6	0.4	dark brown	50
			2.3	0.5		100
			3.5	1.0		400

One data from each column is required to achieve a complete catalog description, e.g. UniTechline™ CNL, 16 mm, 1.2 mm, 2.3 l/h, 0.5 m, brown, 400 m coil.

	Stabilizer 16 & 17 mm 32000-006500		3/4" x barb male T adapter 17 mm 32500-004800 16 mm 32500-011800 (black)
	Stabilizer Ø 4 mm galvanized 32000-001600		3/4" x barb male "Y" adapter 17 mm 32500-004600 16 mm 32500-011200 (black)
	Barbed coupling 17 mm 32500-003800 16 mm 32500-010700 (black)		3/4" x barb female T adapter 17 mm 32500-004700 16 mm 32500-011900 (black)
	Barbed T 17 mm 32500-004900 16 mm 32500-011300 (black)		Shut-off valve 1/2" x barb 16 mm 76220-008200
	Barbed elbow 17 mm 32500-005900 16 mm 32500-012500 (black)		Shut-off valve 3/4" x barb 17 mm 76220-008400 16 mm 76220-008500
	Barbed cross 17 mm 32500-006300		Shut-off valve ins x barb 17 mm 76220-008800 16 mm 76220-008700
	1/2" x barb male adapter 17 mm 32500-004400 16 mm 32500-010900 (black)		Rapid start for PE barb (Fits 8 mm hole) 17 mm 32500-006600 16 mm 32500-013750
	3/4" x barb male adapter 17 mm 32500-004490 16 mm 32500-011000 (black)		Rapid start w/ seal x barb for PVC (Fits 16 mm hole) 17 mm 32500-006620 16 mm 32500-013770
	3/4" x barb male elbow adapter 17 mm 32500-006100 16 mm 32500-012800 (black)		Line end 16 & 17 mm 32500-013100

