

Leach Line™ X

Heap leaching dripline.
Integral non-pressure-compensated.
Superior clogging resistance.

→ 16009 - 16010 - 16012 - 20010 - 20012



High clogging
resistance



Self-cleaning
labyrinth



Anti-migration
mechanism (optional)

/ Benefits & Features

- **High clogging resistance** Even with challenging solution quality, with self-cleaning labyrinth that flushes debris throughout operation.
- **Wide filtration area** Ensures optimal performance even under harsh solution conditions, preventing the entrance of sediments into the drippers.
- **Wide water passages** TurboNet™ labyrinth ensures wide solution passages, large deep and wide cross-section that improves clogging resistance.
- **Anti-migration clip (smart clip)** Prevents solution migration on uneven surfaces and slopes.
Economical - saves labor. Pre-installed on the dripline during production (optional).

/ Specifications

- ✓ Maximum operating pressure according to driplines diameters and wall thickness. See tables below.
- ✓ Recommended filtration: 200 micron / 80 mesh. Filtration method selected based on the kind and concentration of dirt particles contained in the solution. Wherever sand exceeding 2 ppm exists in the solution, a Hydrocyclone shall be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment shall be applied following Netafim expert instructions.
- ✓ TurboNet™ labyrinth with large water passage.
- ✓ Weldable into thick wall driplines (0.90, 1.00, 1.20 mm).
- ✓ Injected dripper, very low CV.
- ✓ High UV resistance. Resistant to chemicals used in heap leaching mines.
- ✓ Meets ISO 9261 Standards.

→ Drippers technical data

16009, 16010, 20010 - 0.9 and 1.0 mm wall thickness driplines

Flow rate* (l/h)	Max. working pressure (bar)**	Water passages dimensions width-depth-length (mm)	Filtration area (mm ²)	Constant K	Exponent X	Recommended filtration (micron)/(mesh)
1.00	3.0 / 3.5	0.60 x 0.80 x 75	70	0.348	0.46	200 / 80
1.50		0.73 x 0.90 x 75	70	0.520	0.46	200 / 80
2.00		0.76 x 1.09 x 75	70	0.693	0.46	200 / 80
4.00		1.06 x 1.40 x 75	76	1.387	0.46	200 / 80
8.00		1.68 x 1.40 x 37	76	2.774	0.46	200 / 80

* Flow rate at 1.0 bar pressure ** According to dripline wall thickness

16012, 20012 - 1.2 mm wall thickness driplines

Flow rate* (l/h)	Max. working pressure (bar)	Water passages dimensions width-depth-length (mm)	Filtration area (mm ²)	Constant K	Exponent X	Recommended filtration (micron)/(mesh)
1.05	4.0	0.60 x 0.80 x 75	70	0.364	0.46	200 / 80
1.50		0.73 x 0.90 x 75	70	0.520	0.46	200 / 80
2.10		0.76 x 1.09 x 75	70	0.728	0.46	200 / 80
4.20		1.06 x 1.40 x 75	76	1.456	0.46	200 / 80
8.40		1.68 x 1.40 x 37	76	2.913	0.46	200 / 80

* Flow rate at 1.0 bar pressure

→ Driplines technical data

Model	Inside diameter (mm)	Wall thickness (mm)	Outside diameter (mm)	Max. working pressure (bar)	Max. flushing pressure (bar)	Kd
16009	14.20	0.90	16.00	3.0	3.9	0.40
16010	14.20	1.00	16.20	3.5	4.6	0.40
16012	14.20	1.20	16.60	4.0	5.2	0.40
20010	17.50	1.00	19.50	3.5	4.6	0.10
20012	17.50	1.20	19.90	4.0	5.2	0.10

→ Driplines packaging data (on bundles coils)

Model	Wall thickness (mm)	Distance between drippers (m)	Coil length (m)	Average* coil weight (kg)	Coils in a 40 feet container (units)	Total in a 40 feet container (m)
16009	0.90	0.15 to 1.00	500	20.7	330	165000
16010	1.00	0.15 to 1.00	500	23.0	330	165000
16012	1.20	0.15 to 1.00	400	22.3	352	140800
20010	1.00	0.15 to 1.00	300	16.7	330	99000
20012	1.20	0.15 to 1.00	300	20.2	330	99000

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

→ Driplines packaging data (on bundles coils) with assembly anti-migration clips

Model	Wall thickness (mm)	Distance between drippers (m)	Coil length (m)	Average* coil weight (kg)	Coils in a 40 feet container (units)	Total in a 40 feet container (m)
16009	0.90	0.15 to 1.00	300	13.0	330	99000
16010	1.00	0.15 to 1.00	300	15.0	330	99000
16012	1.20	0.15 to 1.00	300	17.9	330	99000
20010	1.00	0.15 to 1.00	300	18.0	330	99000
20012	1.20	0.15 to 1.00	300	21.5	330	99000

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