

Leach Line™ U

Heap leaching dripline, mainly for slopes in gold and silver mine leaching. Integral pressure-compensated. Superior uniform flow in slopes.

→ 16009 - 16010 - 16012 - 20010 - 20012



Pressure-compensated



Self-flushing mechanism



Wide filtration area

/ Benefits & Features

- **Pressure-compensated** Precise and equal amounts of solution delivered over a broad pressure range, ensuring 100% uniformity of water and chemicals distribution along the laterals.
- **Continuously self-flushing** Flushes debris throughout operation, while ensuring constant dripper operation even in challenging solution quality.
- **Wide filtration area** Ensures optimal performance even under harsh solution conditions, preventing the entrance of sediment into the labyrinths.
- **Wide water passages** TurboNet™ labyrinth ensures wide solution passages, large deep and wide cross-section that improves clogging resistance. The solution is drawn into the dripper from the stream center, preventing the entrance of sediment into the drippers.
- **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

- ✓ Pressure-compensated range: 0.5 - 4.0 bar.
- ✓ Recommended filtration: depending on dripper flow rate. 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.
- ✓ Double TurboNet™ labyrinth with large water passage.
- ✓ Weldable into thick wall driplines (0.90, 1.00, 1.20 mm).
- ✓ Injected dripper, very low CV with injected silicon diaphragm.
- ✓ High UV resistant. Resistant to chemicals used in heap leaching gold and silver mines.
- ✓ Meets ISO 9261 Standards.

→ 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* X	Recommended filtration (micron)/(mesh)
0.70	0.5 - 4.0	0.70 x 0.65 x 40	110	0.7	0	130/120
1.00		0.83 x 0.74 x 40	130	1.0	0	130/120
1.60		1.09 x 0.46 x 40	130	1.6	0	200/80
2.30		1.26 x 0.93 x 40	130	2.3	0	200/80
3.50		1.59 x 1.07 x 40	150	3.5	0	200/80

* Within working pressure range

→ 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	1.30
16010	14.20	1.00	16.20	3.5	4.6	1.30
16012	14.20	1.20	16.60	4.0	5.2	1.30
20010	17.50	1.00	19.50	3.5	4.6	0.40
20012	17.50	1.20	19.90	4.0	5.2	0.40

→ 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	20.3	330	165000
16010	1.00	0.15 to 1.00	500	22.1	330	165000
16012	1.20	0.15 to 1.00	400	21.2	352	140800
20010	1.00	0.15 to 1.00	300	17.4	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 anti-migration assembly 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	13.3	330	99000
16010	1.00	0.15 to 1.00	300	13.5	330	99000
16012	1.20	0.15 to 1.00	300	16.1	330	99000
20010	1.00	0.15 to 1.00	300	16.3	330	99000
20012	1.20	0.15 to 1.00	300	19.3	330	99000

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