

# Leach Line™ D Ω

Heap leaching for copper, gold & silver mines.

→ 16009 - 16010 - 16012 - 20010 - 20012



Self Cleaning  
Mechanism



High Clogging  
Resistance



Pressure  
Compensated

## / Overview

Leach Line D™ is a pressure compensated dripper for uniform leaching even on sloping terrain, in moderate solution quality - Leach Line D™ guarantee uniform flow of solution from the top of the pad to the bottom of the slope. Option for An anti-migration mechanism stops water from running down the tube, preventing bottom pooling. Made with UV and acid resistant polyethylene tubing; the highest quality resins available.

**Available diameters:** 16, 20 mm OD (outside diameter)

**Available flow rates:** 1.0, 1.6, 2.0 and 3.0 l/h.

## / Benefits & Features

- ✓ Pressure compensation over a wide pressure range (up to 3.5 bar) produces uniform dripper flow rates from each dripper outlet
- ✓ Continuously self-flushing: Flushes debris, throughout operation, ensuring uninterrupted dripper operation
- ✓ Self-flushing system with wide filtration area improves resistance to clogging thus making Leach Line D™ highly resistant
- ✓ TurboNet™ labyrinth assures wide yet shorter water passages, with large deep and wide cross section that improves dripper's clog resistance
- ✓ Water is drawn in to the dripper from the center of the stream, assuring continuous filter flushing
- ✓ Longer runs and steep topographies are irrigated with high uniformity
- ✓ Seamless, one-piece construction prevents damage to drippers during installation and retrieval
- ✓ Low coefficient of variability (CV)
- ✓ Optional - Anti-migration clip prevents water runoff along pipe

## → APPLICATIONS

- On-surface or subsurface applications of heap leaching on -surface or subsurface, on a flat terrain and slopes
- Pad slopes
- When high uniformity and longer runs are required

## → ANTI-MIGRATION DRIPPERLINE RING (OPTIONAL)

### PRE-INSTALLED RING

- ✓ Prevents solution migration on uneven surfaces and slopes
- ✓ Economical - saves labor

## → DRIPPERS TECHNICAL DATA

FLOW RATE (L/H)*	OPERATING PRESSURE (BAR)**	WATER PASSAGES DIMENSIONS			FILTRATION AREA (MM <sup>2</sup> )	CONSTANT K	EXPONENT X
		WIDTH (MM)	DEPTH (MM)	LENGTH (MM)			
1.00	0.4 - 3.0	0.61	0.60	8	39	1.0	0
1.60		0.76	0.73				
2.00		0.76	0.85				
3.00		1.02	0.88				

\* Flow rate at 1.0 bar pressure \*\* According to drippeline wall thickness

## → DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	FLUSHING PRESSURE (BAR)	KD
16008						
16009	14.20	0.90	16.00	2.5/3.0/3.5*	3.9	0.72
16010	14.20	1.00	16.20	2.5/3.0/3.5*	4.6	0.72

\* The maximum working pressure is defined by the dripper or by the dripperline wall thickness

## → DRIPPERLINES PACKAGING DATA (ON BUNDLES COILS)

MODEL	WALL THICKNESS (MM)	DISTANCE BETWEEN DRIPPERS (M)	COIL LENGTH (M)	AVERAGE** COIL WEIGHT (KG)	COILS IN A 40 FT. CONTAINER (UNITS)	TOTAL IN A 40 FT. CONTAINER (METERS)
16008						
16009	0.90	0.15 TO 1.00	500	18.5	330	165,000
16010	1.00	0.15 TO 1.00	500	20.4	330	165,000

\* Missing catalog numbers available upon request.

→ CATLAOG NUMBERS

LEACH LINE™ D Ω 16008 (COIL LENGTH 500 METERS) CATALOG NUMBER STARTING WITH 12352 + (ANY OF BELLOW 6 DIGITS)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)															
	0.2	0.25	0.3	0.33	0.35	0.4	0.46	0.5	0.55	0.6	0.62	0.65	0.7	0.75	0.75	
1																
1.6																
2								001160								
3								002160								

LEACH LINE™ D Ω 16009 (COIL LENGTH 500 METERS) CATALOG NUMBER STARTING WITH 12325 + (ANY OF BELLOW 6 DIGITS)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)															
	0.2	0.25	0.3	0.33	0.35	0.4	0.46	0.5	0.55	0.6	0.62	0.65	0.7	0.75	0.75	
1																
1.6						002010		000001 (300)								
2							000002									
3.8						003010 (300)		000003								

LEACH LINE™ D Ω 16010 (COIL LENGTH 500 METERS) CATALOG NUMBER STARTING WITH 12309 + (ANY OF BELLOW 6 DIGITS)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)															
	0.2	0.25	0.3	0.33	0.35	0.4	0.46	0.5	0.55	0.6	0.62	0.65	0.7	0.75	0.75	
1								000002								
1.6						000001 (300)		000004 (400)								
2						000003										
3.8								002000 (305)		002020 (305)						