

MINE LITE™ DRIPLINE

**NON-PRESSURE COMPENSATING
FOR HEAP LEACHING IN MINES**

**AN ECONOMICAL SOLUTION FOR HEAP LEACHING REQUIRING
A LOW APPLICATION RATE AND SHORT LEACH TIME**



INDUSTRY'S WIDEST FLOW PATH
Wider cross-section allows large particles through short flow path.

LARGER FILTER INLETS
Secondary filtration - reduces clogging, maintains the essential supply of water to the dripper for constant delivery of water flow.

ADVANCED FLAP TECHNOLOGY
Systematically opens and closes during start-up and shut-down provides uninterrupted flow while open and preventing soil ingestion and root intrusion when closed.

**HIGH QUALITY
POLYETHYLENE
TUBING**

TURBONET

INCREASED FLOW PATH VELOCITY
Improves dripper performance by widening the tooth pattern, maximizing flow path velocity, allowing debris to pass easily through the dripper, virtually eliminating plugging.

INJECTION MOLDED DRIPPERS
Made of high quality polyethylene material and welded into a wall of seamless tubing prevents damage during installation and distortion of the dripper flow path even as tubing stretches and expands.

FEATURES & BENEFITS

- Seamless construction is stronger and more durable than comparable drip tape.
- Fortifies against splitting or bursting under high pressures required for proper flushing.
- Flap outlet protection impedes soil ingestion and root intrusion
- Driplines packaged with more feet per reel, the industry's longest, requiring fewer fittings and less time changing reels during installation.
- Industry's lowest filtration requirement - 120 mesh.
- Larger filter inlets provide secondary filtration - reduces clogging.
- UV and acid resistant.

APPLICATIONS

- Subsurface or surface applications
- Short term heap leach applications

SPECIFICATIONS

- Nominal Flow Rates (GPH):
0.61 and 2.0
- Common Spacings:
18", 24", 30", 32", 36" and 42"
- Recommended Filtration: 120 mesh
- Maximum Operating Pressure: 30 psi
- Inside Diameter: 0.614"
- Reel length: 3,000'

MINE LITE™ DRIPLINE

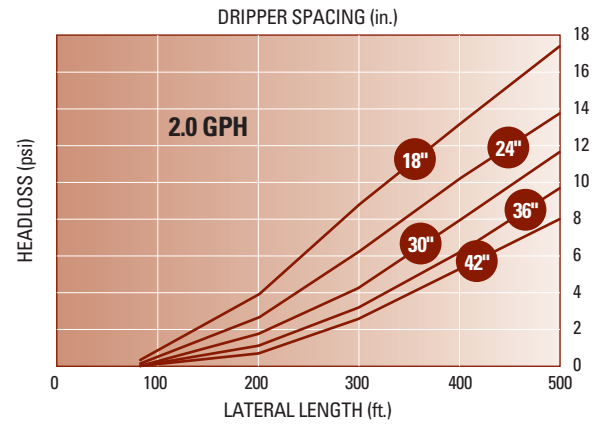
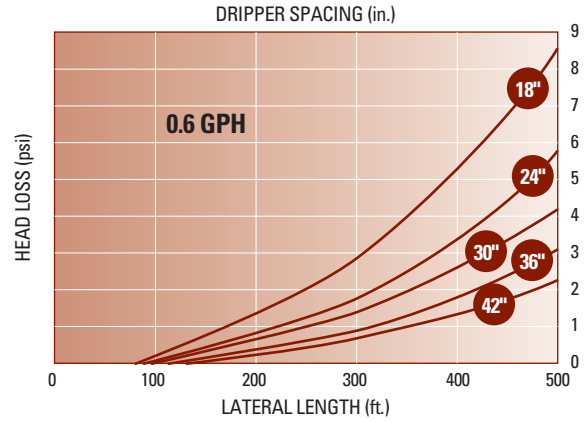
APPLICATION RATES (GPM PER SQUARE FOOT) 0.6 GPH DRIPPER

PRESSURE (psi)	FLOW (GPH)	SPACING BETWEEN LATERALS	DRIPPER SPACING				
			18"	24"	30"	36"	42"
10	0.68	24"	0.0038	0.0028	0.0023	0.0019	0.0016
	0.68	30"	0.0030	0.0023	0.0018	0.0015	0.0013
	0.68	36"	0.0025	0.0019	0.0015	0.0013	0.0011
	0.68	42"	0.0022	0.0016	0.0013	0.0011	0.0009
	0.68	48"	0.0019	0.0014	0.0011	0.0009	0.0008
15	0.71	24"	0.0039	0.0030	0.0024	0.0020	0.0017
	0.71	30"	0.0032	0.0024	0.0019	0.0016	0.0014
	0.71	36"	0.0026	0.0020	0.0016	0.0013	0.0011
	0.71	42"	0.0023	0.0017	0.0014	0.0011	0.0010
	0.71	48"	0.0020	0.0015	0.0012	0.0010	0.0008
20	0.81	24"	0.0045	0.0034	0.0027	0.0038	0.0019
	0.81	30"	0.0036	0.0027	0.0022	0.0018	0.0015
	0.81	36"	0.0030	0.0023	0.0018	0.0015	0.0013
	0.81	42"	0.0026	0.0019	0.0015	0.0013	0.0011
	0.81	48"	0.0023	0.0017	0.0014	0.0011	0.0010

APPLICATION RATES (GPM PER SQUARE FOOT) 2.0 GPH DRIPPER

PRESSURE (psi)	FLOW (GPH)	SPACING BETWEEN LATERALS	DRIPPER SPACING				
			18"	24"	30"	36"	42"
10	1.37	24"	0.0076	0.0057	0.0046	0.0038	0.0033
	1.37	30"	0.0061	0.0046	0.0037	0.0030	0.0026
	1.37	36"	0.0051	0.0038	0.0030	0.0025	0.0022
	1.37	42"	0.0043	0.0033	0.0026	0.0022	0.0019
	1.37	48"	0.0038	0.0029	0.0023	0.0019	0.0016
15	1.66	24"	0.0092	0.0069	0.0055	0.0046	0.0040
	1.66	30"	0.0074	0.0055	0.0044	0.0037	0.0032
	1.66	36"	0.0061	0.0046	0.0037	0.0031	0.0026
	1.66	42"	0.0053	0.0040	0.0032	0.0026	0.0023
	1.66	48"	0.0046	0.0035	0.0028	0.0023	0.0020
20	1.91	24"	0.0106	0.0080	0.0064	0.0053	0.0045
	1.91	30"	0.0085	0.0064	0.0051	0.0042	0.0036
	1.91	36"	0.0071	0.0053	0.0042	0.0035	0.0030
	1.91	42"	0.0061	0.0045	0.0036	0.0030	0.0026
	1.91	48"	0.0053	0.0040	0.0032	0.0027	0.0023

MINE LITE FLOW VS. PRESSURE



DRIPPER DATA

DRIPPER (GPH)	EXPONENT (x)	CONSTANT (k)	Kd	Cv
0.6	0.48	0.188	0.1	0.025
2.0	0.48	0.454	0.1	0.025

DRIPPER FLOW PATH DIMENSIONS

DRIPPER (GPH)	LENGTH	DEPTH	WIDTH
0.6	0.906"	0.034"	0.037"
2.0	0.870"	0.036"	0.059"

PACKAGING DATA

INSIDE DIAMETER	MIL	REEL LENGTH	WEIGHT
0.614"	20	3,000'	50 LBS.

16 reels per pallet.
Cardboard reel 22" x 11" with 1 1/2" hub



NETAFIM USA
5470 E. HOME AVE.
FRESNO, CA 93727
CS 888 638 2346
www.netafimusa.com