

# TECHLINE® DL

Maximum Uniformity in  
Subsurface and On-Surface  
Including Slopes

## 17mm DRIPLINE

### APPLICATIONS

- Subsurface or on-surface installations
- Curved, angular or narrow planting areas
- High traffic/high liability areas
- Areas subject to vandalism
- High wind areas
- Turf, shrubs, trees
- Slopes
- At-grade windows
- Sports turf

### SPECIFICATIONS

- Emitter flow rates: 0.26, 0.4, 0.6 and 0.9 GPH
- Emitter spacings: 12", 18" or 24" (24" available in 0.6 and 0.9 GPH only)
- Pressure compensation range: 6 to 58 psi
- Bending radius: 7"
- Maximum recommended system pressure: 58 psi
- Minimum pressure required: 6 psi
- Tubing diameter: 0.66" OD; 0.56" ID; 0.050" wall
- Coil lengths: 100', 250', 500', 1,000'
- Recommended minimum filtration: 120 mesh
- Diaphragm made of silicon
- ISO 9261 Standard Compliance

### FEATURES & BENEFITS

#### THE FIRST ANTI-SIPHON EMITTER IN LANDSCAPE DRIPLINE

Emitter manufactured and successfully used in harsh agricultural applications since 2000. Emitter is pressure compensating and continuous flushing.

#### EMITTER WITH ANTI-SIPHON FEATURE

Prevents ingestion of debris into tubing caused by vacuum.

#### SELF-CONTAINED, ONE-PIECE DRIPLINE CONSTRUCTION

Assures reliable, easy installation.

#### FLEXIBLE UV RESISTANT TUBING

Adapts to any planting area shape - tubing curves at a 7" radius. For on-surface installations withstands heat and direct sun.



**LASER ETCHING**  
FOR EASY IDENTIFICATION



**TECHLINE DL**  
MADE WITH POST CONSUMER RECYCLED MATERIAL



QUALIFIES FOR USE ON LEED PROJECTS

#### LIMITED WARRANTY FOR DRIPLINES

Netafim warrants any polyethylene tubing and driplines (Techline® HCVXR, HCVXR-RW and RWP, CV, DL, RW, RWP and EZ) sold to be free from original defects in materials and workmanship for a period of seven (7) years and ten (10) years for environmental stress cracking - from the date of original delivery.

GENERAL GUIDELINES	TURF										SHRUB & GROUNDCOVER													
	CLAY SOIL		LOAM SOIL		SANDY SOIL		COARSE SOIL		CLAY SOIL		LOAM SOIL		SANDY SOIL		COARSE SOIL									
EMITTER FLOW	0.26 GPH		0.4 GPH		0.6 GPH		0.9 GPH		0.26 GPH		0.4 GPH		0.6 GPH		0.9 GPH									
EMITTER SPACING	18"		12"		12"		12"		18"		18"		12"		12"									
LATERAL (ROW) SPACING	18"	20"	22"	18"	20"	22"	12"	14"	16"	12"	14"	16"	18"	21"	24"	18"	21"	24"	16"	18"	20"	16"	18"	20"
BURIAL DEPTH	Bury evenly throughout the zone from 4" to 6"										On-surface or bury evenly throughout the zone to a maximum of 6"													
APPLICATION RATE (INCHES/HOUR)	0.19	0.17	0.15	0.30	0.27	0.25	0.98	0.84	0.73	1.48	1.27	1.11	0.19	0.16	0.14	0.30	0.26	0.23	0.73	0.65	0.59	1.11	0.99	0.89
TIME TO APPLY ¼" OF WATER (MINUTES)	80	89	97	50	55	61	15	18	20	10	12	13	80	93	106	50	58	66	20	23	26	13	15	17

Following these maximum spacing guidelines, emitter flow selection can be increased if desired by the designer.  
0.9 GPH flow rate available for areas requiring higher infiltration rates, such as coarse sandy soils.

Note: 0.4, 0.6 and 0.9 GPH are nominal flow rates. Actual flow rates used in the calculations are 0.42, 0.61 and 0.92 GPH.  
Air/vacuum relief air vents required.

### SPECIFYING MODEL NUMBER

Reference for Ordering Information Chart

**A** Techline DL Dripline = **TLDL**

**B** EMITTER FLOW RATE  
0.26 GPH = 26  
0.4 GPH = 4  
0.6 GPH = 6  
0.9 GPH = 9

**C** EMITTER SPACING  
12" = 12  
18" = 18  
24" = 24

**D** COIL LENGTH  
100' = 01  
250' = 025  
500' = 05  
1,000' = 10

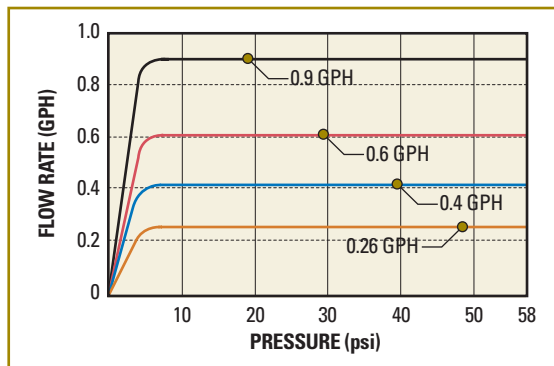
SAMPLE MODEL NUMBER  
**TLDL4-1210**

**BLANK TUBING MODEL NUMBERS:**  
100' = TLDL001  
250' = TLDL0025  
500' = TLDL005  
1,000' = TLDL010

### ORDERING INFORMATION

FLOW RATE	EMITTER SPACING	COIL LENGTH	MODEL NUMBER
0.26 GPH	12"	100'	TLDL26-1201
		250'	TLDL26-12025
		1,000'	TLDL26-1210
	18"	100'	TLDL26-1801
		250'	TLDL26-18025
		1,000'	TLDL26-1810
0.4 GPH	12"	100'	TLDL4-1201
		250'	TLDL4-12025
		1,000'	TLDL4-1210
	18"	100'	TLDL4-1801
		250'	TLDL4-18025
		1,000'	TLDL4-1810
0.6 GPH	12"	100'	TLDL6-1201
		250'	TLDL6-12025
		500'	TLDL6-1205
		1,000'	TLDL6-1210
	18"	100'	TLDL6-1801
		250'	TLDL6-18025
		500'	TLDL6-1805
		1,000'	TLDL6-1810
	24"	100'	TLDL6-2401
		250'	TLDL6-24025
		1,000'	TLDL6-2410
		0.9 GPH	12"
250'	TLDL9-12025		
500'	TLDL9-1205		
1,000'	TLDL9-1210		
18"	100'		TLDL9-1801
	250'		TLDL9-18025
	500'		TLDL9-1805
	1,000'		TLDL9-1810
24"	100'	TLDL9-2401	
	250'	TLDL9-24025	
	1,000'	TLDL9-2410	
	BLANK TUBING	100'	TLDL001
250'		TLDL0025	
500'		TLDL005	
1,000'		TLDL010	

### FLOW RATE VS. PRESSURE



### FLOW PER 100 FEET

EMITTER SPACING	0.26 EMITTER		0.4 EMITTER		0.6 EMITTER		0.9 EMITTER	
	GPH	GPM	GPH	GPM	GPH	GPM	GPH	GPM
12"	26.4	0.44	42.3	0.71	60.8	1.01	92.5	1.54
18"	17.6	0.29	28.2	0.47	40.5	0.68	61.6	1.03
24"	-	-	-	-	30.4	0.51	46.2	0.77

### MAXIMUM LENGTH OF A SINGLE LATERAL (FEET)

EMITTER SPACING		12"				18"				24"	
EMITTER FLOW (GPH)		0.26	0.4	0.6	0.9	0.26	0.4	0.6	0.9	0.6	0.9
INLET PRESSURE	10 psi	332	244	192	146	461	338	267	203	332	252
	20 psi	512	376	297	225	711	524	413	314	518	394
	25 psi	569	418	330	250	792	582	459	350	576	438
	35 psi	659	484	382	290	918	675	533	405	670	510
	45 psi	730	537	423	321	1,019	750	591	450	742	566
	60 psi	790	581	458	348	1,103	812	641	488	804	612
	60 psi	818	601	474	360	1,140	840	663	504	832	634

**NETAFIM™**

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