

# TECHLINE® RW and RWP

For Reclaimed Water Use

## 17mm DRIPLINE

### APPLICATIONS

- Reclaimed (recycled) water use
- For irrigation with non-potable/ reclaimed water and soil loading

### SPECIFICATIONS

- Emitter flow rates: 0.26, 0.4, 0.6 and 0.9 GPH
- Emitter spacings: 12", 18" and 24"
- Pressure compensation range: 7 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: 250' and 1,000'
- Recommended minimum filtration: 120 mesh
- Diaphragm made of silicon
- ISO 9261 Standard Compliance

### TECHLINE RW AND RWP ARE DESIGNED FOR RECLAIMED WATER USE ONLY

Reclaimed, reuse or recycled water is municipally-treated, non-potable water deemed appropriate for use in irrigation systems and not wastewater being dispersed into the soil for additional treatment. Please consult your local Water Management District for regulations regarding the type of water being used, and its proper system design. Netafim USA can provide assistance on drip dispersal that uses primary or secondary and tertiary wastewater. Please contact Netafim USA Customer Service for more information.

### FEATURES & BENEFITS

#### UNIQUE PATENTED EMITTER DESIGN WITH PHYSICAL ROOT BARRIER

Emitters prevent root intrusion without chemical reliance.

#### PRESSURE COMPENSATING

Precise and equal amounts of water are delivered over a broad pressure range.

#### CONTINUOUS SELF-FLUSHING EMITTER DESIGN

Flushes debris as it is detected, throughout operation, not just at the beginning or end of a cycle, ensuring uninterrupted emitter operation.

#### 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.



**TECHLINE RW**

 Purple striped dripline



**TECHLINE RWP**

 Solid purple dripline



**LASER ETCHING**  
FOR EASY IDENTIFICATION



**TECHLINE RW & RWP**  
MADE WITH POST CONSUMER RECYCLED MATERIAL



QUALIFIES FOR USE ON LEED PROJECTS

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 RW Dripline = TLRW  
Techline RWP Dripline = TLRWP

**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  
250' = 250  
1,000' = 10

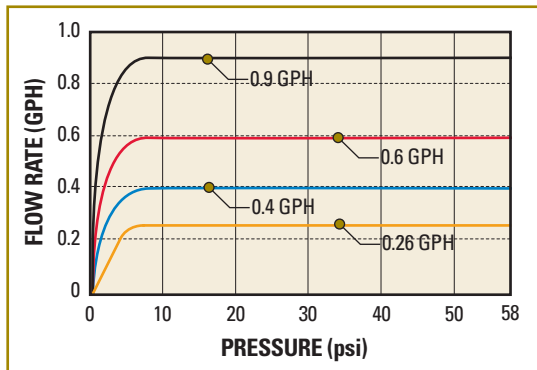
**SAMPLE MODEL NUMBER**  
TLRW4-1210

**BLANK TUBING MODEL NUMBERS:**  
1,000' = TLRW010 OR TLRWP010

### ORDERING INFORMATION

FLOW RATE	EMITTER SPACING	COIL LENGTH	TLRW MODEL NUMBER	TLRWP MODEL NUMBER
0.26 GPH	12"	1,000'	TLRW26-1210	TLRWP26-1210
	18"	1,000'	TLRW26-1810	TLRWP26-1810
0.4 GPH	12"	250'	TLRW4-12025	TLRWP4-12025
	12"	1,000'	TLRW4-1210	TLRWP4-1210
	18"	250'	TLRW4-18025	TLRWP4-18025
	18"	1,000'	TLRW4-1810	TLRWP4-1810
0.6 GPH	24"	1,000'	TLRW4-2410	TLRWP4-2410
	12"	250'	TLRW6-12025	TLRWP6-12025
	12"	1,000'	TLRW6-1210	TLRWP6-1210
	18"	250'	TLRW6-18025	TLRWP6-18025
0.9 GPH	18"	1,000'	TLRW6-1810	TLRWP6-1810
	24"	1,000'	TLRW6-2410	TLRWP6-2410
	12"	250'	TLRW9-12025	TLRWP9-12025
	12"	1,000'	TLRW9-1210	TLRWP9-1210
0.9 GPH	18"	250'	TLRW9-18025	TLRWP9-18025
	18"	1,000'	TLRW9-1810	TLRWP9-1810
	24"	1,000'	TLRW9-2410	TLRWP9-2410
	BLANK TUBING	1,000'	TLRW010	TLRWP010

### 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"	-	-	21.2	0.35	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
	55 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