

POINT SOURCE EMITTERS

SELF-PIERCING EMITTERS With Check Valve

APPLICATIONS

- For use with blank polyethylene tubing, Techline® CV, Techline® DL and Techline® RW
- Install on-surface or subsurface
- Wide-spaced plantings
- Tree planting
- Hanging baskets
- Flower boxes
- Planters or pots

SPECIFICATIONS

- Flow rates: 0.5, 1.0 and 2.0 GPH
- Pressure compensation range: 10.15 to 58 psi
- Maximum pressure: 50 psi
- Uses 0.160" x 0.220" micro-tubing (Model EDTUBE - in black or white)
- Barb size: Inlet 0.160" - 0.170" Outlet 0.160"
- Recommended minimum filtration: 120 mesh

FEATURES & BENEFITS

SELF-PIERCING BARB

Easy to install, no tools required. Optional insertion tool available.

1.74 psi INTERNAL CHECK VALVE

Helps prevent low emitter drainage holding back up to a 3.9' column of water. Can be used with Techline CV Dripline.

ANTI-SIPHON OPERATION

Prevents contaminants from being drawn into the emitter.

PRESSURE COMPENSATING

Delivers the same flow from 10.15 to 58 psi.

SELF-CLEANING ACTION

Exclusive TurboNet® flow path design regulates flow and provides continuous self-cleaning action during operation.



BLUE EMITTER
0.5 GPH



BLACK EMITTER
1.0 GPH

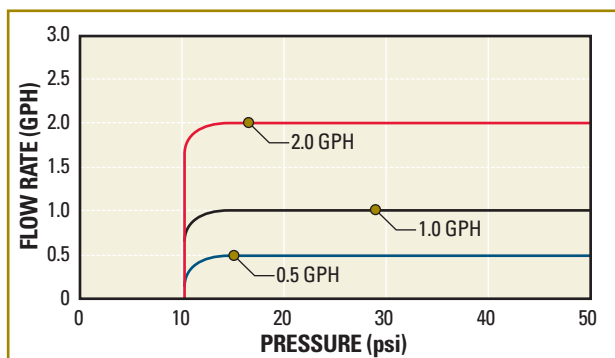


RED EMITTER
2.0 GPH



INSERTION TOOL
Model SPDT

FLOW RATE VS. PRESSURE



ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
0.5 GPH	BLUE	25	SPCV05-25
		100	SPCV05-100
		250	SPCV05-250
		1,000	SPCV05-1000
1.0 GPH	BLACK	25	SPCV10-25
		100	SPCV10-100
		250	SPCV10-250
		1,000	SPCV10-1000
2.0 GPH	RED	25	SPCV20-25
		100	SPCV20-100
		250	SPCV20-250
		1,000	SPCV20-1000



POINT SOURCE EMITTERS

TECHFLOW EMITTERS Pressure Compensating

APPLICATIONS

- For use with blank polyethylene tubing, Techline® CV, Techline® DL and Techline® RVV
- Install on-surface or subsurface
- Wide-spaced plantings
- Tree planting
- Hanging baskets
- Flower boxes
- Planters or pots

SPECIFICATIONS

- Flow rates: 0.5, 1.0 and 2.0 GPH
- Pressure compensation range: 10.15 to 58 psi
- Maximum pressure: 50 psi
- Uses 0.160" x 0.220" micro-tubing (Model EDTUBE - in black or white)
- Barb size: Inlet 0.160" - 0.170" Outlet 0.160"
- Recommended minimum filtration: 120 mesh

FEATURES & BENEFITS

UNIQUE EMITTER DESIGN

Regulates flow and provides continuous self-cleaning action during operation.

2.2 psi INTERNAL CHECK VALVE

Helps prevent low emitter drainage by holding back up to a 5' column of water.

ANTI-SIPHON OPERATION

Prevents contaminants from being drawn into emitter.

COLOR-CODED EMITTER

Denotes flow rate.

CAN BE USED WITH TECHLINE CV DRIPLINE

Without causing dripline drainage.



RED WPC EMITTER
0.5 GPH

BLACK WPC EMITTER
1.0 GPH

GREEN WPC EMITTER
2.0 GPH

WPC SHOWN WITH BUG CAP



BUG CAP



BARBED ADAPTER
ADAPTS TO 1/4" BARB

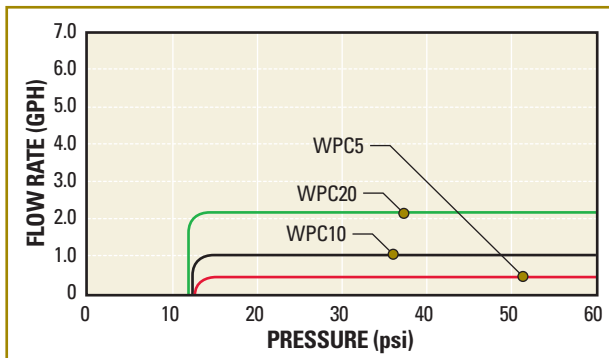


WPC SHOWN WITH BARBED ADAPTER

ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
BARB INLET X NIPPLE OUTLET			
0.5 GPH	RED	25	WPC5
		250	WPC5-250
1.0 GPH	BLACK	25	WPC10
		250	WPC10-250
2.0 GPH	GREEN	25	WPC20
		250	WPC20-250
BUG CAP			
-	-	25	WPBC
BARBED ADAPTER			
-	-	25	11WPCON47-B

FLOW RATE VS. PRESSURE



POINT SOURCE EMITTERS

BD & WP EMITTERS Non-Pressure Compensating

APPLICATIONS

- Use in piping networks with limited pressure variation
- Planters and pots
- Wide-spaced plantings

SPECIFICATIONS

- Flow rates: 0.5, 1.0 and 2.0 GPH
- BD and WP models use 0.160" x 0.220" micro-tubing (Model EDTUBE)
- Barb size: Inlet 0.160" - 0.170" Outlet 0.160"
- Maximum pressure: 29 psi
- Recommended minimum filtration: 120 mesh

FEATURES & BENEFITS

WIDE TURBULENT FLOW PASSAGE

Resists clogging. Works well in low pressure applications.

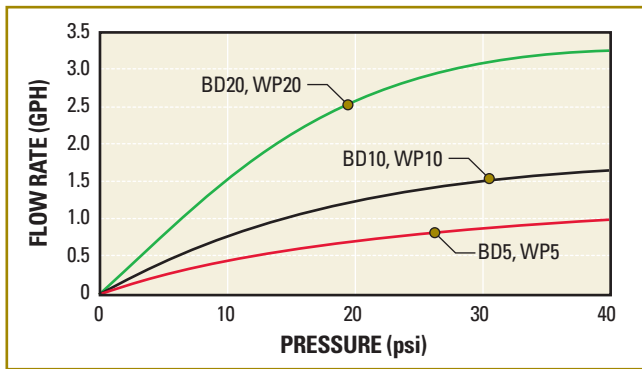
BARB INLET

For easier installations.

COLOR-CODED EMITTER

Denotes flow rate.

FLOW RATE VS. PRESSURE



BD EMITTERS ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
0.5 GPH	RED	25	BD5
		250	BD5-250
1.0 GPH	BLACK	25	BD10
		250	BD10-250
2.0 GPH	GREEN	25	BD20
		250	BD20-250










WP EMITTERS ORDERING INFORMATION

FLOW RATE	COLOR	BAG QUANTITY	MODEL NUMBER
0.5 GPH	RED	25	WP5
		250	WP5-250
1.0 GPH	BLACK	25	WP10
		250	WP10-250
2.0 GPH	GREEN	25	WP20
		250	WP20-250

POINT SOURCE EMITTERS

COMPARISON

POINT SOURCE EMITTERS COMPARISON CHART

	SELF-PIERCING EMITTERS			TECHFLOW EMITTERS			BD & WP EMITTERS		
	Emitter Flow Rate (GPH)			Emitter Flow Rate (GPH)			Emitter Flow Rate (GPH)		
	0.5	1.0	2.0	0.5	1.0	2.0	0.5	1.0	2.0
									
APPLICATION	For Quick and Easy Installations Requiring No Tools			For Systems with a Wide Range of Pressure Variation			For Low Pressure or Gravity Fed Systems		
TOOL REQUIRED FOR INSTALLATION?	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
PRESSURE COMPENSATION RANGE	10.15 to 58 psi	10.15 to 58 psi	10.15 to 58 psi	14.5 to 58 psi	14.5 to 58 psi	14.5 to 58 psi	No	No	No
MAXIMUM PRESSURE	50 psi	50 psi	50 psi	60 psi	60 psi	60 psi	29 psi	29 psi	29 psi
INTERNAL CHECK VALVE	1.74 psi, holds up to 3.9' of water			2.2 psi, holds up to 5' of water			No	No	No
ANTI-SIPHON	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
SELF-CLEANING	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
BAG QUANTITY: 25	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
100	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
250	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
1,000	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A



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