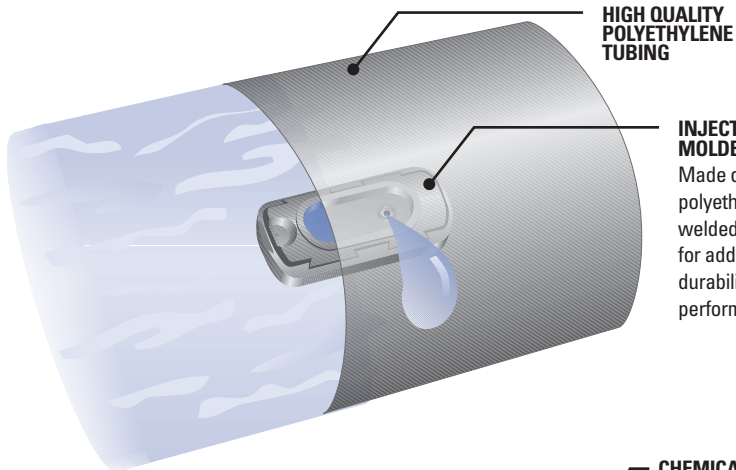


# DRIPNET PC™

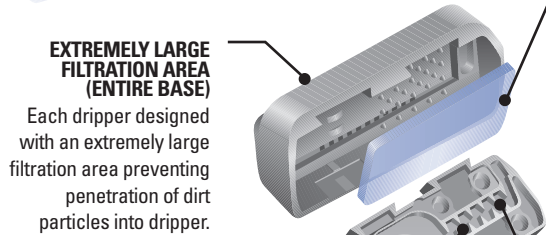
## PRESSURE COMPENSATING TECHNOLOGY TO IRRIGATE MULTI-SEASON CROPS WITH UNDULATING TERRAIN



**HIGH QUALITY POLYETHYLENE TUBING**

**INJECTION MOLDED DRIPPERS**

Made of high quality polyethylene and welded into tubing for added strength, durability and long-term performance.



**EXTREMELY LARGE FILTRATION AREA (ENTIRE BASE)**

Each dripper designed with an extremely large filtration area preventing penetration of dirt particles into dripper.

**CHEMICAL RESISTANT MOLDED SILICON SELF-ADJUSTING DIAPHRAGM**

Diaphragm's movement maintains constant pressure differential within water passage - resulting in a uniform flow rate under wide pressure range.

**INDUSTRY'S WIDEST FLOW PATH**

Wider cross-section allows large particles through short flow path.

**TURBONET**

**TURBONET TECHNOLOGY** improves dripper performance by expanding the tooth pattern geometry, maximizing flow path area, allowing contaminants to pass easily through the dripper.

### APPLICATIONS

- For sub-surface or surface applications.
- For tree, vine, row crops, greenhouse and nursery.
- Multi-seasonal use.
- For undulating fields.

### SPECIFICATIONS

- Nominal flow rates (GPH): 0.26, 0.42, 0.53, 0.61, 0.79, 0.92, 1.0
- Common spacings: 24", 30", 36", 42.25", 48"
- Minimum regulating pressure: 6 psi
- Recommended minimum filtration: 120 mesh
- Inside diameter:
  - 0.540" - 16mm (45 mil)
  - 0.570" - 17mm (45 mil)
  - 0.620" - 18mm (45 mil)
  - 0.690" - 20mm (48 mil)
  - 0.820" - (35, 60 mil)

### PRODUCT ADVANTAGES

- Wide pressure range (6 to 56 psi) produces uniform dripper flow rates so longer runs and steep topographies are irrigated with high uniformity.
- Lowest coefficient of manufacturing variability (Cv) in the industry.
- One-piece construction prevents damage to drippers during installation and retrieval.
- Design flexibility is available in a range of dripper flows and spacings, allowing for specific application rates and controlling of wetting pattern in different soil types.
- Pressure compensating feature delivers precise water applications nearly everywhere in the field.



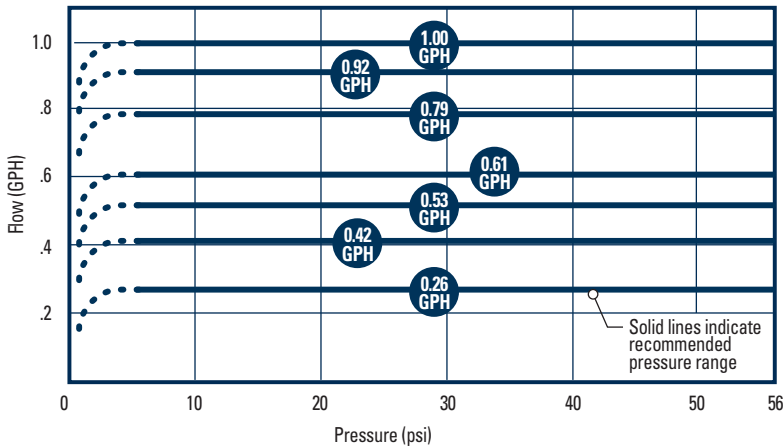
**VINELINE VINEYARD SOLUTIONS**

Pre-Installed Adjustable Dripper Ring

See back for details.

# DRIPNET PC HEAVYWALL DRIPPERLINE

## FLOW RATE VS. PRESSURE



## ADVANCED PRESSURE COMPENSATING OPERATION

DripNet PC's self-cleaning pressure compensating dripper is a fully self-contained unit welded to the interior wall of the dripper tubing. Both tubing and dripper are manufactured from high quality synthetic elastomers to withstand chemicals and fertilizers. The DripNet PC dripper contains a diaphragm that continuously adjusts to varying water pressure to ensure a constant flow rate. The diaphragm allows particles to pass through the dripper, promoting reliable performance and a longer system life.

This continuous flushing feature and wide flow path keep drippers flowing at optimal rates without clogging or interrupting operation.

## DRIPPER DATA

NOMINAL FLOW RATE (GPH)	START PRESSURE REGULATION (psi)	MAX OPERATING PRESSURES (psi)	CONSTANT (K)	EXPONENT (X)	Kd (540)	Kd (570)	Kd (620)	Kd (690)	Kd (820)
0.26	6 psi	56	0.26	0.0	0.85	0.65	0.40	0.35	0.30
0.42	6 psi	56	0.42	0.0	0.85	0.65	0.40	0.35	0.30
0.53	6 psi	56	0.53	0.0	0.85	0.65	0.40	0.35	0.30
0.61	6 psi	56	0.61	0.0	0.85	0.65	0.40	0.35	0.30
0.79	6 psi	56	0.79	0.0	0.85	0.65	0.40	0.35	0.30
0.92	6 psi	56	0.92	0.0	0.85	0.65	0.40	0.35	0.30
1.00	6 psi	56	1.00	0.0	0.85	0.65	0.40	0.35	0.30

## DRIPPER FLOW PATH DIMENSIONS

DRIPPER	LENGTH	DEPTH	WIDTH
0.26 GPH	0.32"	0.024"	0.024"
0.42 GPH	0.32"	0.029"	0.030"
0.53 GPH	0.32"	0.034"	0.030"
0.61 GPH	0.32"	0.034"	0.030"
0.79 GPH	0.32"	0.035"	0.040"
0.92 GPH	0.32"	0.035"	0.040"
1.00 GPH	0.32"	0.035"	0.040"

## PACKAGING DATA

TUBING I.D.	MIL	REEL LENGTH	COIL WEIGHT*
0.540	45	1000'	34 LBS.
0.570	45	1000'	36 LBS.
0.620	45	1000'	39 LBS.
0.690	48	1000'	46 LBS.
0.820	35	1000'	39 LBS.
0.820	60	1000'	68 LBS.

\* Nominal coil weight.  
20 coils per pallet.



### VINELINE VINEYARD SOLUTIONS

Pre-Installed Adjustable Dripperline Ring

- Easily adjustable – moves from one end of the dripperline to the other preventing water migration
- Economical – saves labor costs
- Flexible options – available with UniRam, TritonX or DripNet PC Heavywall Dripperlines
- Available for 540, 620 and 690 sizes.
- Pre-installed at Netafim USA



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