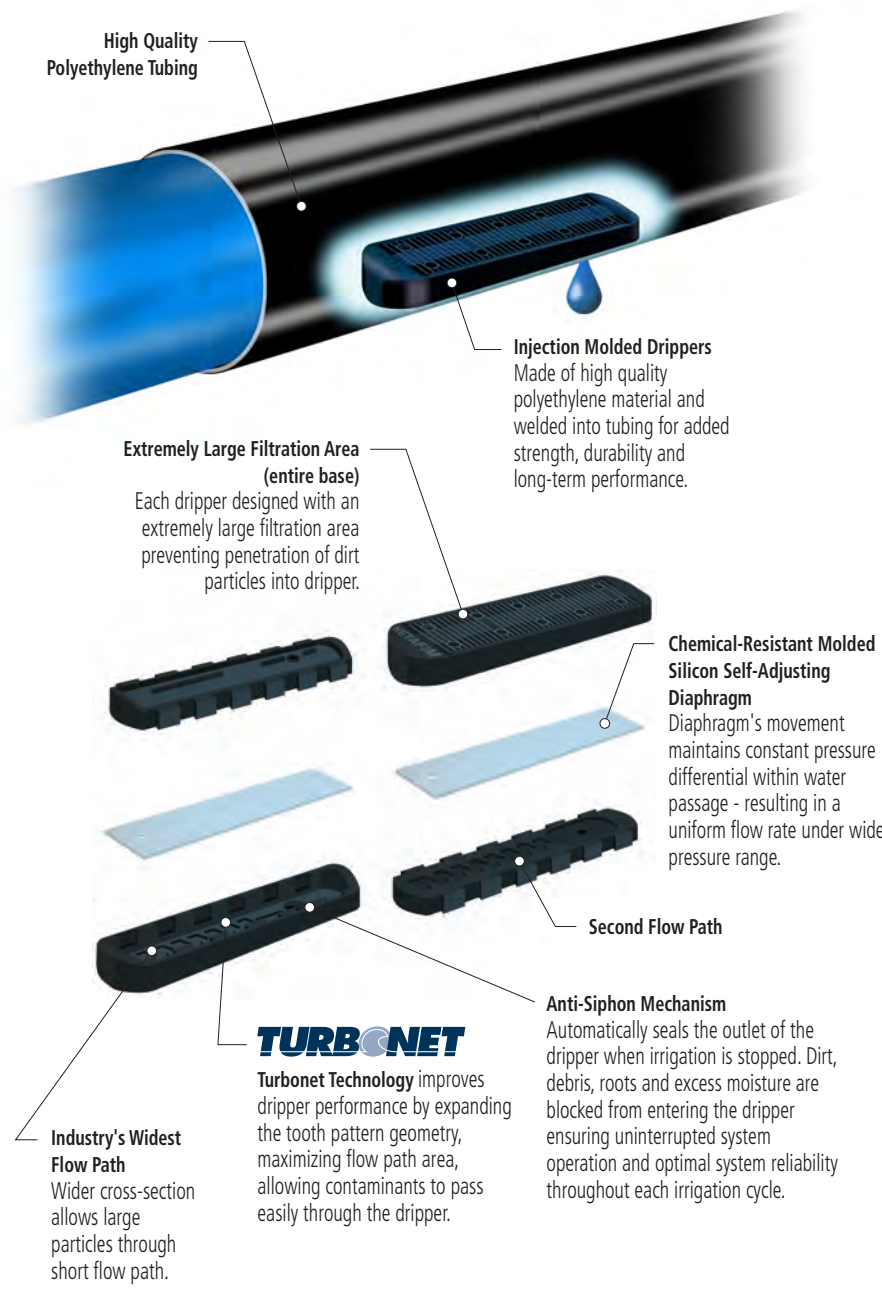




UniRam Heavywall Dripperline

Pressure Compensating Drippers Operate in the Poorest Water Quality Conditions, in the Most Difficult Environments – and Irrigate the Steepest Terrains with the Highest Uniformity.



Product Advantages

- Wide pressure range produce uniform dripper flow rates - 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 and system performance is available in a range of dripper flows and spacings. This allows 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.



Applications

- Surface or subsurface
- Slopes and undulating terrain
- Poor water quality conditions

Specifications

Nominal flow rates (GPH): 0.26, 0.42, 0.53, 0.61, 0.92, 1.00

Common spacings: 18", 24", 30" 36", 42", 48", 60"

Minimum regulating pressure: 7 psi

Required 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" - (60 mil)



VineLine Vineyard Solutions
Pre-Installed Adjustable Dripperline Ring

See back for details.

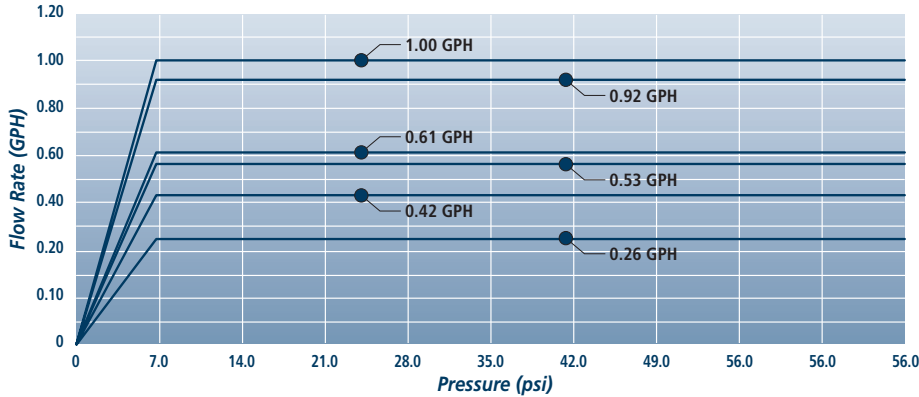


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UniRam Technical Information

UNIRAM FLOW VS PRESSURE



Description of UniRam's Advanced Pressure Compensating Operation

UniRam'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 UniRam 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 FLOW PATH DIMENSIONS

Dripper	Length	Depth	Width	Filtration Area
0.26 GPH	1.574"	0.029"	0.033"	0.2015 sq. in.
0.42 GPH	1.574"	0.028"	0.050"	0.2015 sq. in.
0.53 GPH	1.574"	0.028"	0.050"	0.2015 sq. in.
0.61 GPH	1.574"	0.039"	0.050"	0.2015 sq. in.
0.92 GPH	1.574"	0.045"	0.063"	0.2325 sq. in.
1.00 GPH	1.574"	0.045"	0.063"	0.2325 sq. in.

DRIPPER DATA

Tubing I.D.	Constant (K)	Exponent (x)	Kd 540	Kd 570	Kd 620	Kd 690	Kd 820
0.26 GPH	0.26	0	1.60	1.20	0.85	0.40	0.30
0.42 GPH	0.42	0	1.60	1.20	0.85	0.40	0.30
0.53 GPH	0.53	0	1.60	1.20	0.85	0.40	0.30
0.61 GPH	0.61	0	1.60	1.20	0.85	0.40	0.30
0.92 GPH	0.92	0	1.60	1.20	0.85	0.40	0.30
1.00 GPH	1.00	0	1.60	1.20	0.85	0.40	0.30



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

PACKAGING DATA

Tubing I.D.	Mil	Reel Length	Reel Weight*
0.540	45	1,000'	34 lbs.
0.570	45	1,000'	36 lbs.
0.620	45	1,000'	39 lbs.
0.690	48	1,000'	46 lbs.
0.820	60	1,000'	68 lbs.

*Reel weight is calculated for 24" dripper spacing. 20 coils per pallet.

Netafim USA – Delivering Total System Solutions for Agriculture

- Dripperlines • Sprinklers • Filters • Valves • Air Vents • Flow Meters • Crop Management Technologies



For more information call your Authorized Netafim USA Distributor or call Netafim USA Customer Service at (888) 638-2346.

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