Turbo Seal Emitter

Features & Benefits

Turbulent Flow, Sealed, Online Emitter

Perfect factory sealing minimizes discharge variations and improves performance. Seal can withstand harsh pressure and temperature conditions.

Barbed Inlet with Narrow Cross Shaped Inlet Filter

Barbed inlet suitable to connect directly on 4 mm extension tube or can be punched on polytube. Cross shaped inlet filters prevents entrance of most of the impurities.

Proven Performance

Wide cross sectional area with strong turbulent flow makes the dripper clog resistant.

Prevention of Soil Suction

Protected bottom outlet does not remain in direct contact of soil surface and prevents soil suck back during shutdown of the system.

Quality Comes First

Each batch passes through stringent quality tests to ensure efficient and trouble free performance for long period. Conforming to Indian Standard IS 13487 and International Standard ISO 9260.

Color Coded

Color coded base facilitates easy identification of emitter flow rate.

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Additional Features

- No Environmental and Chemical Effects : UV stabilized does not have any environmental effects. Resistant to chemicals used in agriculture.

Applications

- For orchards and vineyards, vegetables, cotton, oil-seeds, greenhouses, nurseries, landscape etc.

Specifications

* Discharge		Color of the base	Emitter exponent (x)	Flow coeff. (k)	Coeff. of mfg. variation, CVm
lph	gph				
2.0	0.53	Yellow	0.44	2.0	3
4.0	1.06	Black	0.44	4.0	3
8.0	2.11	Blue	0.47	8.0	3

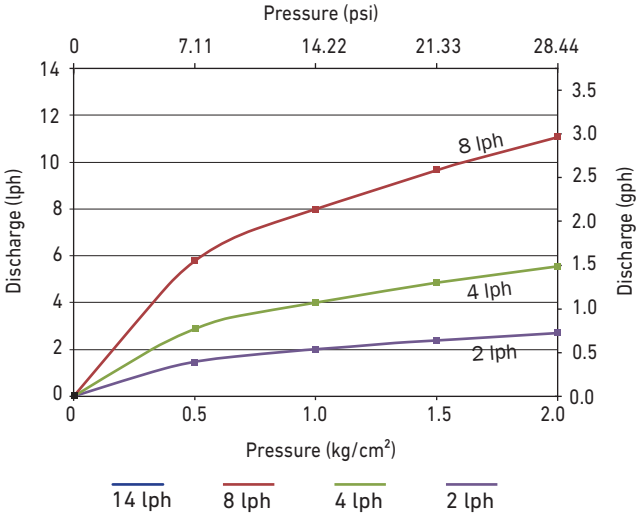
* *At an operating pressure of 1kg/cm² (14.22 psi).*
Flow equation $q = kH^x$, q= Discharge, lph, H= Pressure head, kg/cm², k = Flow coefficient, x = Emitter exponent.

- *Recommended punch size - 2.9 mm*

Operating Specifications

- Nominal operating pressure 1 kg/cm². Can be used for other pressure rating after consulting company representative and with due care for filtration.
- Filtration recommendation 130 micron or less. Actual quality of filtration can be decided by quality of source water.
- Please refer to our "Maintenance Manual" for more details.

Performance Graph



Note: Tested under standard test conditions.

Ordering Specifications

TSE	XX
	Discharge (lph)
	02
	04
	08

Example: TSE02 - This code represents Turbo Seal® Emitter having 2 lph discharge.