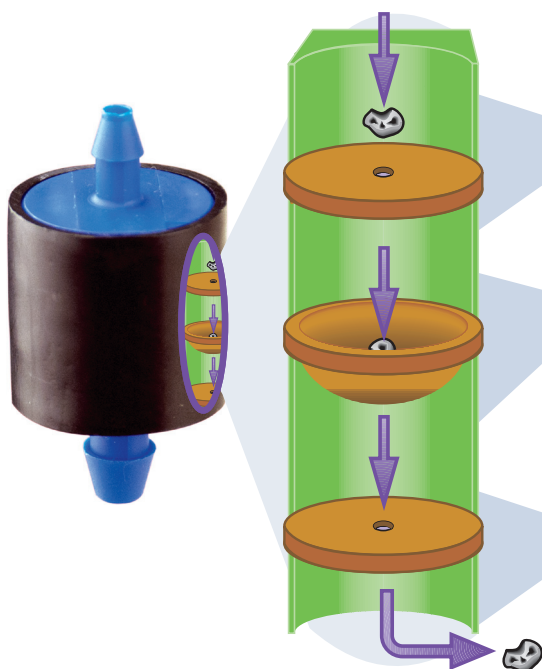


NonStop[®] Drip Emitters

Product Description

Bowsmith's famed NonStop emitter family, is known worldwide for unmatched performance under the most challenging conditions. The "NonStop" design features the exclusive Continuous Flushing Action, which continually flushes the emitter of slime and small particles while the emitter is in operation. This means fewer clogs and lower maintenance requirements.

Bowsmith NonStop Series Emitters incorporate a series of flexible silicone orifices. The silicone is highly resistant to chlorine and most commonly used fertilizers. Each orifice retains its shape and performance for years.

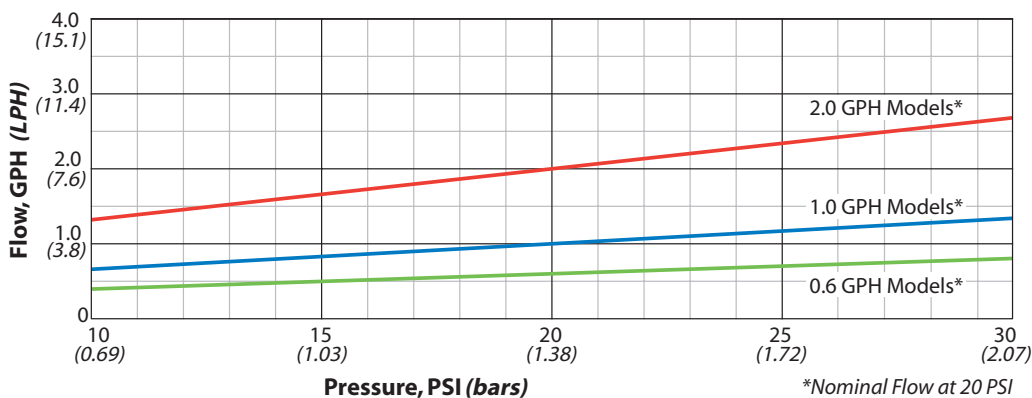


How it works

- 1 Under normal conditions, there is a slight pressure differential across each orifice in the silicone diaphragm.
- 2 As a particle encounters the orifice, there is a momentary obstruction, causing the differential pressure across the orifice to increase greatly. This pushes the particle through the expanding orifice.
- 3 The particle is then flushed through the orifice, which instantly returns to its normal size. Normal pressure conditions are restored. The particle continues through the remaining orifices in the diaphragm and out of the NonStop emitter.

NonStop Drip Emitters

Nominal Performance



Notes

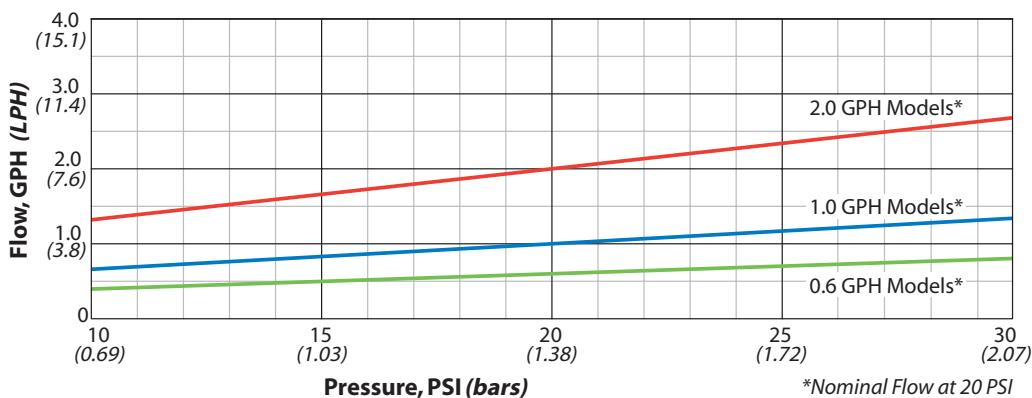
- Manufacturer's variation, $C_v: \leq 0.05$
- 30-mesh filtration and 15 PSI emitter operating pressure are the recommended minimums for a NonStop emitter system.

NonStop® Drip Emitters

	Description	Model No.	Stock No.	Specifications—Nominal Flow @ 20 PSI	
"Gripper" Series 	Single outlet, barb inlet, gripper sleeve. <i>*Available factory installed on Bowsmith tubing.</i>	NSG-06	6050	0.6 GPH (2.3 LPH)	(Green End)
		NSG-10	6051	1.0 GPH (3.8 LPH)	(Blue End)
		NSG-20	6053	2.0 GPH (7.6 LPH)	(Red End)
		NSG-30	6056	3.0 GPH (11.5 LPH)	(Yellow End)
"SB" Series 	Single barb outlet, 0.250" and 0.175" barbs on opposite ends; either can be used as inlet.	SB-06	6120	0.6 GPH (2.3 LPH)	(Green Insert)
		SB-10	6121	1.0 GPH (3.8 LPH)	(Blue Insert)
		SB-20	6123	2.0 GPH (7.6 LPH)	(Red Insert)
		SB-30	6124	3.0 GPH (11.4 LPH)	(Yellow Insert)
"SL200" Series 	Single outlet, 1/2" FPT inlet, barbed elbow outlet port.	SL206	6034	0.6 GPH (2.3 LPH)	(Green Port)
		SL210	6035	1.0 GPH (3.8 LPH)	(Blue Port)
		SL220	6036	2.0 GPH (7.6 LPH)	(Red Port)
		SL230	6037	3.0 GPH (11.5 LPH)	(Yellow Port)
"M200" Series 	6 outlets open, 0.250" barb inlet. Includes full set of elbow/outlet caps and line plugs.	M206	7063	0.6 GPH (2.3 LPH)	(Green Cap)
		M210	7064	1.0 GPH (3.8 LPH)	(Blue Cap)
		M220	7066	2.0 GPH (7.6 LPH)	(Red Cap)
"ML200" Series 	6 outlets open, 1/2" FPT inlet. Includes full set of elbow/outlet caps and line plugs.	ML206	7068	0.6 GPH (2.3 LPH)	(Green Cap)
		ML210	7069	1.0 GPH (3.8 LPH)	(Blue Cap)
		ML220	7071	2.0 GPH (7.6 LPH)	(Red Cap)
Series "2000" Flow Distributor 	6 outlets open, 1/2" FPT inlet. Includes full set of elbow/outlet caps and line plugs.	FD-2010	6075	1.0 GPH (3.8 LPH) @ 15-100 PSI	(Blue Cap)
		FD-2020	6080	2.0 GPH (7.6 LPH) @ 15-100 PSI	(Red Cap)

NonStop Drip Emitters

Nominal Performance



Notes

- Manufacturer's variation, C_v : ± 0.05
- 30-mesh filtration and 15 PSI emitter operating pressure are the recommended minimums for a NonStop emitter system.