

FURON[®] STATIC MIXER

EFFICIENT MIXING WITH
NO MOVING PARTS



Furon Static Mixers offer an efficient means of mixing two or more chemistries with minimal pressure loss. Its compact in-line design allows for easy installation into existing pipelines. Internal mixing components are removable, allowing easy maintenance and cleaning. Outlet end connection types and sizes can be easily changed to accommodate a variety of piping configurations. All components are constructed of 100% virgin fluoropolymer, making it ideal for use with both ultra-pure and highly corrosive chemistries. They are also by construction metal free and O-ring free, reducing potential contamination sources.

APPLICATIONS

The Furon Static Mixer by its simplicity and cleanliness is particularly well adapted in the following applications:

- Blending catalyst, dye or additive into a liquid media
- Mixing of Chemical in the Semiconductor and Photovoltaic wet processes

FEATURES AND BENEFITS

- Machined from premium virgin PTFE
- O-ring free design
- High compactness mixing solution
- Minimize pressure drop vs other standard similar solution.
- Retains seal integrity over countless disassembles/reassembles for cleaning purpose.

SPECIFICATIONS

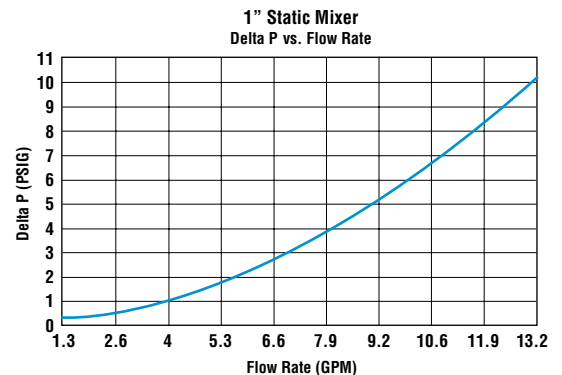
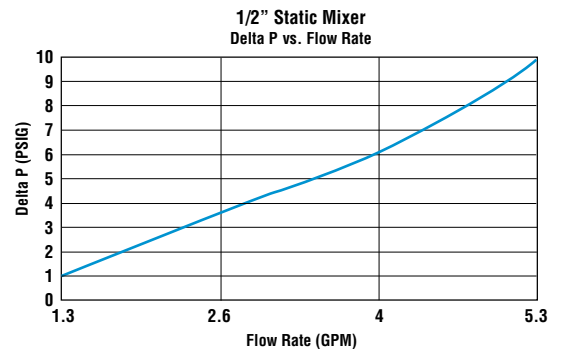
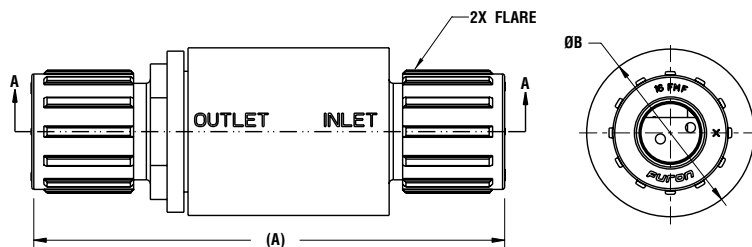
Description	End Connection Type	End Connection Size		Max. Flow Rate		A		ØB	
		in	mm	GPM	l/min	in	mm	in	mm
SM-F88-3	Flare	1/2	12.7	5.3	20	5.40	137.2	1.50	38.1
SM-F1616-3		1	25.4	13.2	50	7.02	178.3	2.60	66.0

TECHNICAL SPECIFICATIONS

	1/2" Version	1" Version
C _v Flow Factor	1.75	4.1
Media Operating Temperature	41°F to 212°F (5°C to 100°C)	
Max. Ambient Temperature	149°F (65°C)	
Media Operating Pressure	90 PSIG max. at room temp.	
Body & Mixing Element Materials	High-Purity PTFE and Fluoroloy®-T	
Nut Material	PVDF	

OPTIONS

[Please contact us](#) for specific configuration



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