

Furon[®] & AstiPure[™] Chemical Delivery Applications

Saint-Gobain Performance Plastics is proud to offer the newest generation of Furon[®] valves and AstiPure[™] pumps. Constructed from high-purity, injection molded fluoropolymers, Furon[®] and AstiPure[™] chemical delivery product lines combine innovative designs and robust construction to virtually eliminate the possibility of process contamination. Saint-Gobain Performance Plastics offers a broad chemical delivery product line including pumps, valves, integrated manifolds, fittings, tubing and custom products allowing us to offer a "one-stop solution" for our customer. In applications where reliability and performance are critical, Furon[®] and AstiPure[™] chemical delivery products are the ultimate solution.



- ◆ *F57 Compliant*
- ◆ *Patented Technology*
- ◆ *High Media Throughput*
- ◆ *Custom Configurations*

Furon® & AstiPure™ Chemical Delivery Applications



Specifications and Performance

	UPM 2-Way & 3-Way	UPX 2-Way & 3-Way
Chemical Type:	DIW & UHE Chemicals	Concentrated HCl & HF
Maximum Operating Temperature:	203°F (95°C)	
Maximum Forward and Back Pressure:	100 PSIG	
Cv Flow Factor:	0.8 - 7.0	
Actuation Type:	Pneumatic: NC, NO; Manual: MT, QT	
End Connection Style:	Flare Grip II, Fuse Bond, Super 300 Type Pillar Fitting	
End Connection Size:	1/4", 3/8", 1/2", 3/4", 1"	
Orifice Size:	1/4", 1/2", 3/4"	



Specifications and Performance

J-Valve

Maximum Operating Temperature:	203°F (95°C)
Maximum Media Operating Pressure:	85 PSIG
Cv Flow Factor:	7.2
Actuation Type:	Pneumatic NC, NO; Manual: MT
End Connection Style:	Flare Grip II, Fuse Bond, Super 300 Type Pillar Fitting
End Connection Size:	3/4", 1"
Orifice Size:	3/4"



Specifications and Performance

RDVM/SMDVM

Maximum Operating Temperature (to Siphon):	203°F (95°C)
Maximum Media Operating Pressure:	100 PSIG
Cv Flow Factor:	NC/NO: 15; COM: 30
Actuation Type:	Pneumatic NC, NO; Manual: MT
End Connections Style:	Universal Fittings, Flare Grip II
End Connection Size:	3/4", 1", 1 1/4"
Orifice Size:	1"



Specifications and Performance

PPRD

PRD

Maximum Operating Temperature:	212°F (100°C)	212°F (100°C)
Flow Rate GPM:	0.5 - 1.0 GPM	2.5 - 26.0 GPM
Maximum Suction Head:	N/A	10.0 ft (3m) to 16.5 ft (4m)
Maximum Air Pressure:	70 PSIG (5 bar)	72.5 PSIG (5 bar)
Maximum Back Pressure:	60 PSIG (4 bar)	58 PSIG (4 bar)
Maximum Air Consumption:	3.5 SCFM	6 - 23.5 SCFM



Specifications and Performance

Custom Manifolds & Vessels

Maximum Operating Temperature:	203°F (95°C)
Maximum Media Operating Pressure:	100 PSIG
Cv Flow Factor:	0.7 - 30
Actuation Type:	Pneumatic: NC, NO; Manual: MT, QT
End Connection Style:	Flare Grip II, Fuse Bond, Super 300 Type Pillar Fitting
End Connection Size:	1/4", 3/8", 1/2", 3/4", 1", 1 1/4"
Orifice Sizes:	1/4", 3/8", 1/2", 3/4", 1"

Saint-Gobain Performance Plastics
7301 Orangewood Avenue
Garden Grove, CA 92841-1411
Tel: (714) 630-5818
Fax: (714) 688-2614
USA Toll Free: (800) 833-5661

Saint-Gobain Performance Plastics-France
41 Boulevard des Bouvets
Nanterre F-92000, France
Tel: 33/(0) 1 55 68 59 59
Fax: 33/(0) 1 55 68 59 68



Furon® is a registered trademark.
AstiPure™ is a trademark

12-month Limited Warranty: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from defects in manufacturing. This company's only obligation will be to provide replacement product for any material proven to have such a defect, or at SGPPL's option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct, consequential or incidental, arising out of the use, misuse, or inability to use this product.
SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product or of any final product into which the product may be incorporated by the purchaser and/or user.