

Furon[®] & AstiPure[™] Precision Dispense Applications

Do your applications require accurate and precise dispensing of expensive chemistries? Saint-Gobain Performance Plastics offers a solution: our Precision Dispense family of Furon[®] valves and AstiPure[™] pumps. Utilizing cutting edge, patent protected technology, our Furon[®] valves and AstiPure[™] pumps deliver a wide range of fluids with world class accuracy and precision. Our precision dispense products raise the bar on performance, providing for the most efficient use of your expensive chemicals while offering superior reliability. Combining years of engineering expertise with high-purity PFA and PTFE construction, our valves and pumps are the perfect choice for handling even the most corrosive concentrated acids and solvents. Furon[®] valves and AstiPure[™] pumps are ideally suited for the demanding applications commonly found in the semiconductor, pharmaceutical, and medical industries. When efficiency, precision, and reliability are the goals, Precision Dispense products from Saint-Gobain Performance Plastics are the ideal choice.



◆ *Maximum Chemical Efficiency*

◆ *Superior Accuracy & Precision*

◆ *Increased Yield*



Furon® & AstiPure™ Precision Dispense Applications



Specifications and Performance

UPRP

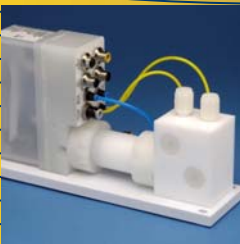
Maximum Operating Temperature:	194°F (90°C)
Maximum Forward and Back Pressure:	120 PSIG, 100 PSIG for 1"
Cv Flow Factor:	1/2" Orifice = 3.18
Actuation Type:	Pneumatic: NC, NO; Manual: Multi-turn
End Connection Style:	Flare Grip II, Fuse Bond, Super 300 Type Pillar Fitting
End Connection Size:	3/8", 1/4", 1/2", 3/4", 1"
Orifice Size:	1/4", 1"



Specifications and Performance

SBVM-F6

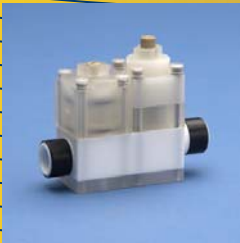
Maximum Operating Temperature (to Siphon):	120°F (50°C)
Maximum Media Operating Pressure:	90 PSIG
Cv Flow Factor:	Pneumatic: 2.0; Manual: 2.7
Actuation Type:	Pneumatic NC, NO; Manual: Multi-turn, Quarter turn, Toggle
End Connections Style:	Flare Grip II, Fuse Bond, FNPT
End Connection Size:	1/4", 3/8", 1/2"
Orifice Size:	1/4", 1/2"



Specifications and Performance

38.5 mL Precision Dispense Pump (PDP)

Media Temperature Range:	41°F (5°C) up to 122°F (50°C)
Dispense Speed:	0.01-10 mL/sec
Maximum Suction Lift Capacity:	6 ft of H ₂ O at 22°C
Maximum Inlet Pressure:	15 PSI (1bar)
Maximum Outlet Pressure:	15 PSI (1bar)
Accuracy:	± 0.020 mL
Repeatability:	± 0.005 mL



Specifications and Performance

Combo Suckback

Maximum Operating Temperature:	203°F (95°C)
Maximum Media Operating Pressure:	85 PSIG
Cv Flow Factor:	0.5
Actuation Type:	Pneumatic NC
End Connection Style:	FNPT
End Connection Size:	1/4"
Orifice Size:	1/4"



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: Multi-turn, Quarter turn
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 Oranewood 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.