

Furon® Precision Plug Valve

Manually Actuated, 2-Way (1/16" to 1/4" Orifice)



Features/Benefits

- All wetted parts are high-purity fluoropolymer
- Small footprint
- Bubble tight sealing
- Straight through flow path construction
- 90° angle body available as option

Operation

- Bonnets and packing easily removable for cleaning
- Optional nut allows easy panel mounting

Applications

- Ideal for use in DI water systems for flow regulation
- Most suitable in the Semiconductor and Instrumentation industries
- Also designed for most gas applications

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Ordering Information

PART NO.	END CONNECTION	ORIFICE	PORT SIZE	BODY	A	B	C	ØD	E
PV1-12	FNPT	1/16	1/8	STRAIGHT BODY	1.75 (44.45mm)	.406 (10.31mm)	2.90 (73.66mm)	.80 (20.32mm)	.15 (3.81mm)
PV2-12	GRAB SEAL	1/16 *	1/8						
PV1-22	FNPT	1/8	1/8						
PV1-24	FNPT	1/8	1/4						
PV2-24	GRAB SEAL	1/8 *	1/4						
PV2-34	GRAB SEAL	3/16 *	1/4						
PV1-44	FNPT	1/4	1/4						

Standard Options

Angle body valve (PVA)

Standard Options are readily available with slightly longer lead times.

Please contact your local distributor or factory for part number, price and delivery.

Non-Standard Options

Other End Connections available:

Grab Seal™ (IMP) Metric Tube O.D.*

– 4mm, 6mm, 10mm, 12mm

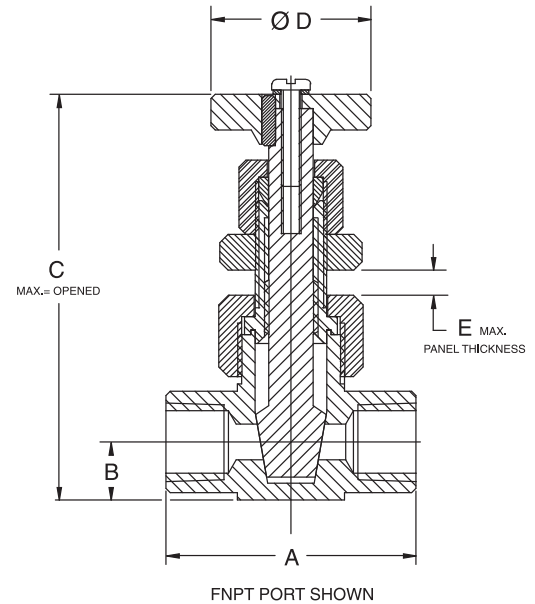
Male NPT

Non-Standard Options and custom configurations are welcome.

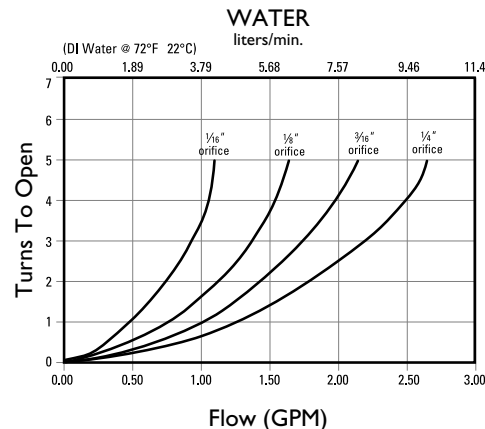
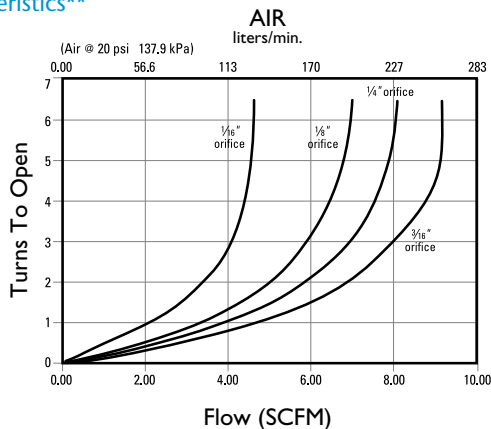
Please consult factory for part number, price and delivery.

Specifications and Performance

- Ambient Operating Temperature: -67°F to 183°F (-55°C to 85°C)
- Media Operating Temperature: -67°F to 212°F (-55°C to 100°C)
- Maximum Operating Pressure: 75 PSI (517 kPa) @ Room Temperature



Flow Characteristics**



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Notes

* When selecting either Flare Grip® or Grab Seal™ ends, we recommend end connections that are larger than the valve orifice size in order to achieve full flow.

** Theoretical performance data.

Furon® is a registered trademark.
Flare Grip® is a registered trademark.
Grab Seal™ 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.

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