

E11 MediFlo® Valve

Description:

Capable of dispensing liquids, gases or powders at controlled dosages, the MediFlo® elastomeric valve is ideally suited for medical applications that require effective drip-proof, bi-directional or one-way flow control with few components or moving parts. This valve replaces multi-component ball and spring or other complex check valves & flow control valves.

Valve Characteristics:

- **Outside Diameter:** .375" (9.53 mm)
- **Material:** Silicone
- **Valve type:** E style, rolling sleeve
- **Opening pressure:** Medium
(low = 1"-16" (0-.58 PSI), medium = 17"-26" (.6 - .94 PSI) and high = 27" + (1 + PSI)
- **Unique Properties:** Compatible with a variety of viscosities and available in many durometers
- **Applications:** Antibacterial cleansing solutions, fluid filtration, purification systems filtration devices, wound drainage, renal & pulmonary devices, enteral feeding devices, non-burst/non-splatter applications, and many new applications under confidential development with customers

Related Documents:

- **Engineering drawing:** ECA-3506 (+REV)
- **Customer drawing:** CBA-3506 (+REV)
- **LMS project number:** 02-083

Valve Performance by Slit Size

SLIT SIZE inches / mm	OPEN (H ₂ O Column Height) inches / mm / PSI	CLOSE (H ₂ O Column Height) Inches / mm / PSI	Constant Flow (@ 30" of H ₂ O) ml / sec
.070 / 1.778	17 / 432 / .61	14 / 356 / .50	1.9
.100 / 2.540	18 / 457 / .65	14 / 356 / .50	4.0
.145 / 3.683	17 / 432 / .61	13 / 330 / .45	6.6
.187 / 4.750	17 / 432 / .61	13 / 330 / .45	9.5

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