

V7 *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:** .634" (16.1 mm)
- **Material:** Silicone
- **Valve type:** V style, rolling sleeve
- **Opening pressure:** High
(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 and many new applications under confidential development with customers

Related Documents:

- **Engineering drawing:** ECA-2187 (+REV)
- **Customer drawing:** CBA-2187 (+REV)
- **LMS project number:** 01-111

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
.130 / 3.302	25 / 635 / .90	12 / 305 / .43	10.1
.187 / 4.750	25 / 635 / .90	9 / 229 / .32	18.1
.220 / 5.588	25 / 635 / .90	7 / 178 / .25	23.2
.250 / 6.350	25 / 635 / .90	4 / 102 / .14	29.8
.280 / 7.112	25 / 635 / .90	1 / 25 / .04	33.9

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