

V40X *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:** .250" (6.35 mm)
- **Material:** Silicone
- **Valve type:** C 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, wound drainage, renal, pulmonary, & enteral feeding devices and many new applications under confidential development with customers

Related Documents:

- **Engineering drawing:** XCA-3351(+REV)
- **Customer drawing:** CBA-3351(+REV)
- **LMS project number:** 02-012

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	33 / 838 / 1.19	12 / 305 / .43	2.9
.100 / 2.540	33 / 838 / 1.19	8 / 203 / .29	6.1

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