

V21 *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:** V 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 and many new applications under confidential development with customers

Related Documents:

- **Engineering drawing:** ECA-3579(+REV)
- **Customer drawing:** CBA-3579(+REV)
- **LMS project number:** 99-180

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	19 / 483 / .69	12 / 305 / .43	3
.100 / 2.540	19 / 483 / .69	11 / 279 / .40	6
.145 / 3.683	19 / 483 / .69	10 / 254 / .36	10
.187 / 4.750	19 / 483 / .69	9 / 229 / .32	13
.200 / 5.080	19 / 483 / .69	8 / 203 / .29	15
.200-3 / 5.080	19 / 483 / .69	6 / 152 / .22	17

UNCONTROLLED, SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

