

V48 SimpliSqueeze® Valve

Description:

Capable of dispensing liquids, gases or powders at controlled dosages, the SimpliSqueeze® elastomeric valve is ideally suited for packaging 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:** .500" (12.7 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:** Foam Dispensing, Top Dispense Only, and Weak Containers.
- **Applications:** Body Wash, Motor Oil and other thin to medium viscosity products.

Related Documents:

- **Engineering drawing:** ECA-3953 (+REV)
- **Customer drawing:** CBA-3953 (+REV)
- **Project number:** 03-015

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 |
|--------------------------|---|--|--|
| .250-H / 6.350 | 19 / 483 / .69 | 9 / 229 / .32 | 11.8 |

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