

C3 *SureFlo*[®] Valve

Description:

Capable of dispensing liquids, gases or powders at controlled dosages, the SureFlo[®] elastomeric valve is ideally suited for 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:** .323" (8.2 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:** Small Doses.
- **Applications:** Soap dispensing and medium viscosity products such as shampoo, conditioner, and body wash.

Related Documents:

- **Engineering drawing:** ECA-3704 (+REV)
- **Customer drawing:** CBA-3704 (+REV)
- **LMS project number:** 01-144

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 (@ 50" of H ₂ O) ml / sec
.130 / 3.302	42 / 1067 / 1.52	20 / 508 / .72	3.6

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