

V81 SimpliSqueeze® Valve

Description:

Capable of dispensing liquids controlled dosages, the V81 SimpliSqueeze® elastomeric valve is ideally suited for high pressure applications that require superior resistance to opening while providing exceptional product cut-off.

Valve Characteristics:

- **Outside Diameter:** .994" (25 mm)
- **Material:** Silicone
- **Valve type:** V style, rolling sleeve
- **Opening pressure:** Thin
(low = 1"-16" (0-.58 PSI), medium = 17"-26" (.6 - .94 PSI) and high = 27" + (1 + PSI)
- **Unique Properties:** Stronger valve that resists opening. Ideal for bottom dispensing using tall packages to dispense thin viscosity products at high volume rates.
- **Applications:** This valve is best suited for thin products like water or cooking oil.

Related Documents:

- **Engineering drawing:** ECA-5220(+REV)
- **Customer drawing:** CBA-5220(+REV)
- **Project number:** 03-1166

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	VENT BACK (H ₂ O Column Height) Inches / mm of H ₂ O	CONSTANT FLOW (@ 30" of H ₂ O) ml / sec
.345 / 8.8	53 / 1346 / 1.9	34 / 864 / 1.2	10 / 524	139

