

# V33 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:** 1.400" (35.56 mm)
- **Material:** Silicone
- **Valve type:** V 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:** Strong valve that resists opening under high pressure.
- **Applications:** This valve is best suited for custom applications where a large flow rate is required

## Related Documents:

- **Engineering drawing:** ECA-2202
- **Customer drawing:** CCA-2202
- **Project number:** 99-032 and 01-126

## Valve Performance by Slit Size

SLIT SIZE inches / mm	OPEN (H <sub>2</sub> O Column Height) inches / mm / PSI	CLOSE (H <sub>2</sub> O Column Height) inches / mm / PSI	Constant Flow (@ 30" of H <sub>2</sub> O) ml / sec
.750 / 19.05	52 / 1321 / 1.88	39 / 991 / 1.41	290.8
SNOW FLAKE .800 / 20.32 O.D.	51 / 1295 / 1.84	34 / 864 / 1.23	322.8

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