

# E6 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:** .375" (9.53 mm)
- **Material:** Silicone
- **Valve type:** E 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:** This design allows the valve head to be closer to the closure deck and be more visible.
- **Applications:** This valve is best suited for thin to medium products like shampoo, body wash, lotions, sauces, toothpaste and condiments.

## Related Documents:

- **Engineering drawing:** ECA-3969
- **Customer drawing:** CBA-3969
- **Project number:** 00-090

## 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
.070 / 1.778	24 / 610 / .87	17 / 432 / .61	1
.100 / 2.540	24 / 610 / .87	16 / 406 / .56	3
.145 / 3.683	24 / 610 / .87	15 / 381 / .54	8
.187 / 4.750	26 / 660 / .94	14 / 356 / .50	13

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