

V12/8A SimpliSqueeze® Valve

Description:

Capable of dispensing liquids 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.

Valve Characteristics:

- **Outside Diameter:** .700" (17.78 mm)
 - **Material:** Silicone
 - **Valve type:** V style, rolling sleeve
 - **Opening pressure:** Low
(low = 1"-16" (0-.58 PSI), medium = 17"-26" (.6 - .94 PSI) and high = 27" + (1 + PSI))
 - **Unique Properties:** Good cut-off for thinner products. Easy feel dispense.
 - **Applications:** This valve is best suited for thin to medium products like water and cooking oils to prevent leakage.
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- **Related Documents:**
 - **Engineering drawing:** ECA-3916 (+REV)
 - **Customer drawing:** CBA-3916 (+REV)
 - **Project number:** 01-137

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
.130 / 3.302	17 / 432 / .61	3 / 76 / .11	6.8
.160 / 4.064	16 / 406 / .58	9 / 229 / .32	9.8
.187 / 4.750	16 / 406 / .58	8 / 203 / .29	13
.220 / 5.588	16 / 406 / .58	8 / 203 / .29	16.4
.250 / 6.350	16 / 406 / .58	7 / 178 / .25	24.1
.300 / 7.112	19 / 483 / .69	7 / 178 / .25	19
.345 / 8.763	16 / 406 / .58	4 / 102 / .14	38.0

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