

PRODUCT DATA SHEET



SL-VSG #2 VALVE SILICONE GREASE

PRODUCT DESCRIPTION

SL-VSG #2 is a heavy-consistency, grease-like silicone paste designed as a valve lubricant and sealant that provides a noncuring moisture barrier. This lubricant is used in lubricating plug valves, gate valves, ball valves, butterfly valves, automated valves, rubber and plastic O-rings; sealing vacuum and pressure systems (especially outdoor) equipment subjected to washing and harsh environments); damping medium for dash pots in electrical equipment.

SL-VSG #2 has a heavy consistency; worked penetration of 260 maximum; nonmelting; low volatility; high dielectric strength; moisture and ozone resistance; good thermal, oxidative chemicals (e.g. liquid chlorine, liquid oxygen) unless evaluated prior to use.

It may be applied by brushing, wiping or automated equipment.

It has a temperature range from -40° to 200°C (-40° to 400°F).

TYPICAL CHARACTERISTICS

NLGI Grade	3
Unworked Penetration	175-210
Worked 60, maximum	260
Dropping Point	None
Bleed 24 hr/200°C (392°F), %	0.05
Evaporation, 24 hr/200°C (392°F), %	1.1
Service Temperature Range, °C (°F)	-40 to 204
Melting Point	None
Specific Gravity at 25°C (77°F)	1.0
FDA Recognition, 21 CFR 175.300	Yes
Electrical	-2
Dielectric Constant, at 100 Hz	2.88
at 100 Hz	2.95
Dissipation Factor, at 100 Hz	0.0001
at 100Hz	<0.0005
Dielectric Strength, volts/mil, 50 mil gap	>450
Volume Resistivity at 23°C (73°F), ohm-cm	2.17x10 ¹⁵
Arc Resistance, seconds	124
Dielectric Strength	400 volts/mil Vol. Resist. 1 x 10 ¹⁵ ohm cm
USDA	H-1
Appearance Visual	White, Translucent
PIN #	03365

TO ORDER OR FOR ADDITIONAL INFORMATION

QUALITY WITHOUT QUESTIONS!

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