



# SILICONE GREASE X-RED

## DESCRIPTION

SILICONE GREASE X-RED characterized by its low volatility, non-melting thickener, and high dielectric strength, making it suitable for a variety of applications. It is commonly used to protect electrical connections from short circuits, moisture-proof ignition systems, and secure spark plug connections, as well as in electrical assemblies, cable and battery terminals, among other similar uses.

## SPECIFICATIONS

- High Dielectric Strength 500 volts/mil typical
- Moisture resistant
- Nontoxic/Safe
- Color - Red
- Wide temperature range -55°C to 205°C
- Extremely chemical resistant
- Highly resistant to oxidation and shear breakdown
- Suitable for valve lubrication

## OTHER FEATURES

- Is inert to metals, plastics and most organic materials
- Is insoluble in water, methyl or ethyl alcohol, glycerol or mineral oil

## PRODUCT CHARACTERISTICS

Thickener	Inorganic
Fluid Type	Silicone
Color/Appearance	Red gel/paste
Dropping Point (ASTM D-566)	None
Specific Gravity	1.05
Density (lb/gal),	Typical 8.9
Operatinf Temperature ,	-54 °C to 260°C
Auto ignition Point	(Calculated) 600°F (316°C)
NLGI Grade,	2
Copper Strip Corrosion (ASTM D-4048)	1A
Oil Separation, Wt. % (24 hrs. @ 100°C)	<1.0%
Dielectric Breakdown Voltage (ASTM D149), Typical	>450 volts/mil