

SILICONE GREASE X-RED

Dielectric Silicone Grease · Red · NLGI 2

DESCRIPTION

SILICONE GREASE X-RED is characterised 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.

PACK SIZES

Multiple pack sizes available on request.

FEATURES

- High dielectric strength — 500 V/mil typical
- Moisture resistant · nontoxic / safe
- Wide temperature range -55 °C to 205 °C
- Extremely chemical resistant
- Highly resistant to oxidation and shear breakdown
- Suitable for valve lubrication
- Inert to metals, plastics and most organic materials
- Insoluble in water, methyl/ethyl alcohol, glycerol or mineral oil

PRODUCT CHARACTERISTICS

PROPERTY	TYPICAL VALUE
Thickener	Inorganic
Fluid type	Silicone
Colour / appearance	Red gel/paste
Dropping point (ASTM D-566)	None
Specific gravity	1.05
Density, lb/gal, typical	8.9
Operating 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, 24 h at 100 °C, % wt	<1.0
Dielectric breakdown voltage (ASTM D149), typical	>450 V/mil

Typical values shown do not constitute a specification. The information is based on current knowledge and is intended to describe the product for possible applications; it does not release the user from performing preliminary tests.