



<Z> Synthetic Airproof Greases With Silicone

DESCRIPTION

LOFGE Z sealing silicon greases are composed of high-purity inorganic thickener to thicken silicone and to add anti-water, anti-oxidation and other synthetic additives. Excellent high-low temperature performance, good mechanical and colloidal stability, oxidation stability, lubrication sealing and anti-water, to contact metal and non-metallic material without corrosion or damage.

APPLICATION

- ★Applied to airproof insulation of semiconductors, a variety of motors, high-voltage electron systems connection and electrical equipment, to exert function of anti-conductive, anti-fouling, moisture-proof, anti-corona release.
- ★To exert lubrication sealing function of stable lasting for the plastics and rubber parts, "O" type seal ring assembly.
- ★Applied to the sealing and lubrication of plastic and plastic, plastic and metal and between metals and metal such as valves (ceramic valves and faucet valves).
- ★Used lubrication the torque of the gear and slideway fittings.

FEATURE

- Excellent high-low temperature performance, good pressure, and not curing, not dissolved, non-dispersible.
- Excellent seal lubrication, adhesion and damping function, very low volatile loss.
- Excellent water resistance, electrical insulation and chemical stability, non-toxic, tasteless, resistant to ozone, weather aging resistance.
- Strong adaptability of materials, to contact metal and non-metallic material without corrosion or damage.
- Wide temperature range: -30°C~150°C.

TYPICAL SPECIFICATION

LOFGE	UNITS	ZN	KZ-3D
Color	-	White	Colorless
NLGI Classification Grade	-	2~1	
(25°C) Penetration Worked	0.1mm	170~200	
Dropping Point	°C	-	
Soap	-	Inorganic (With Silicon)	
Operating Temperature	°C	-30~150	
(25°C) Base Oil Viscosity	mm ² /s	200	
Volume Resistivity	Ω/cm	≥5×10 ¹⁴	
Breakdown Voltage Strength	KV/mm	>8.8	

The typical specification mentioned represent mean values.