



TECHNICAL DATA SHEET

302

Silicone Grease

General Description

302 silicone grease is translucent silicone material, free from abrasive particles.

Important use

- ♦ Metal-on-plastic, metal-on-rubber bearing lubricant.
- ♦ High temperature lubricant.
- ♦ Moisture seal and lubricant for switches, cable and cable connector, lamp-bulb bases, battery-terminals.

Advantage

- ♦ Not causing corrosion and swelling problem to metal and plastic.
- ♦ Retain grease like within the temperature range from -57°C to 204°C.
- ♦ Odorless and non toxic.
- ♦ Non drying even in high temperature.

Physical Data

Bleed (24 hours 150°C)	:	8% MAX.
Evaporation (24 hours 150°C)	:	4% MAX.
Solidification point	:	-54°C
Thermal conductivity - BTU / (hr) (ft) (F)	:	0.092
Dissipation factor (25°C / 10 ² - 10 ⁶ cycles)	:	0.0001
Dielectric constant (25°C / 10 ² - 10 ⁶ cycles)	:	2.75
Volume resistivity, OHM - CM	:	1 x 10 ¹⁵