

Grease Silicone Tube



RoHS
Compliant

Description

This is a general purpose silicone grease formulated with high quality silicone oil and silica thickener. It has a wide operating temperature range combined with good lubricating and excellent dielectric properties. Being a silicone based material it has excellent water repellent properties and good adhesion.

Features

- Conforms to DEF STAN 68-69
- Excellent lubrication properties
- Good electrical properties
- Excellent oxidation stability
- Excellent water repellent
- Safe on most plastics
- Non-toxic and Odourless

Specifications

Dispensing Method	: Tube
Weight	: 100g
Approval Category	: DEF STAN 68-69
Colour	: Opaque
Dielectric Strength	: 21V/m
Lubricant Applications	: Electrical / Industrial / Mechanical
Operating Temperature	: -50°C to +200°C
Colour	: Opaque
Density at 20°C	: 0.967g/cm ³
Volume Resistivity at 20°C (1)	: $1 \times 10^{14}\Omega \cdot \text{cm}$
Volume Resistivity at 20°C (2)	: $1.4 \times 10^{12}\Omega$ after 72 hours at 150°C
Thermal conductivity	: 0.14W/mK
Penetration un-worked (ASTM 127)	: 190-250tenths/mm
Oil bleed, 7 days at 40°C	: 3.7%
Coefficient of thermal expansion	: $7 \times 10^{-4} \text{ K}^{-1}$

Shelf Life

4 years from date of manufacture when stored unopened in the original packaging in a cool (15-20°C), dry well ventilated area avoiding direct sunlight.

Part Number Table

Description	Part Number
Grease Silicone 100g Tube	MC002786

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