

TH 975 Silicone Thermal Grease

Description

TH 975 is a grey, highly filled silicone system for greasing and thermal dissipation of electronic devices. This one part system is designed to be non-curable. It has a stable pot life and long shelf life even at room temperature of 25°C. It has relatively low viscosity for faster dispense from syringes.

Applications

Heat dissipation from electronic components.

Guidelines for Use

1. Thaw the silicone to room temperature (25°C) before use.
2. Dispense the silicone by using a syringe.
3. Wipe off any excess material with a piece of dry cloth or tissue. Further cleaning may be achieved by wiping with cloth wetted with iso-propanol.

Properties

Property	Test Method	Unit	Typical Value
Chemical type	-	-	Silicone
Appearance	Pen 10	-	Grey liquid
Shelf life, -20°C	Pen 26	Month	6
Adhesion strength	Pen 99	MPa	0.31
Specific gravity, 25°C	Pen 14	-	2.3
Viscosity, Brookfield RVT, 25°C	Pen 11	□□	336,000
Thermal conductivity	ISO/DIS 22007	W/mK	1.1
Volatile content, 200°C/24hr	Pen 92	%	< 0.1

Storage

Tightly close original container of unused product and store in a freezer at -20°C. Storing at temperatures down to -40°C may prolong shelf life beyond 6 months. However it may take longer to thaw the product.

Packaging & Dimension

- 30 ml EFD syringe

Environment, Health & Safety

This product is RoHS compliant. It does not contain any known carcinogenic, mutagenic or teratogenic components.

Contact Information

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Revision 3: 30-May-16.NN