

TH 931-2 Silicone Thermal Putty

Description

TH 931-2 is a one-part thermal conductive interface material based on silicone resins. It does not bleed and flow. It is designed for good thermal conduction and high electrical insulation.

Applications

Thermal conductive interface material for electronic parts and devices.

Guidelines for Use

1. Thaw the silicone to room temperature (25°C) before use.
2. Wear rubber gloves when handling the silicone putty.
3. Scoop a quantity of the silicone putty from the container using a stainless steel spoon.
4. Work and kneed the putty around the electronic part and circuit by hand.
5. Wipe off any excess putty with a piece of dry cloth or tissue. Further cleaning of residues may be achieved by wiping with cloth wetted with iso-propanol.

Properties

Property	Test Method	Unit	Typical Value
Chemical type	-	-	Silicone
Appearance	Pen 10	-	White
Surface tack	-	-	Tacky
Shelf life, -20°C	Pen 26	Month	6
Pot life, 25°C	Pen 26	Day	7
Adhesion strength	Pen 110	MPa	0.31
Specific gravity, 25°C	Pen 14	-	2.3
Electrical resistivity, 25°C	ASTM D257	Ω cm	1.0 x 10 ¹³
Thermal conductivity	ISO/DIS 22007	W/mK	2.0
Volatile content	Pen 92	%	0.1

Storage

Tightly close original container of unused product and store in a freezer at -20°C.

Packaging & Dimension

- 500 g jar

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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