



TG 937 Silicone Thermal Grease

Version 2.130218

Silicone Thermal Grease

TG 937 is a white, highly filled silicone system suitable for screen printing process and thermal dissipation of electronic devices. This one part system is designed to be non-curable. It has a stable and long shelf life even at room temperature of 25°C. It has relatively low viscosity for faster screen printing.

Features

- Good thermal conductivity
- Easy to assemble
- High stability
- Would not harden

Applications

Heat dissipation from electronic components.

Properties

✓ ROHS Compliant

Guidelines for Use

1. Thaw the silicone to room temperature (25°C) before use.
2. Apply the silicone thermal grease onto the surface.
3. Wipe off any excess grease with a dry cloth or tissue. Further cleaning may be achieved with tissue dabbed with isopropanol.

Storage

Tightly close original container of unused product. Store in a dark, cool place.

| Property | TG 937 | Unit | Tolerance | Test Method |
|---------------------------------------|---------|-------|-----------|-------------|
| Appearance | White | - | - | Visual |
| Viscosity, Brookfield Cap 2000+, 25°C | 150,000 | cP | - | ASTM D445 |
| Thermal Conductivity | 5 | W/mK | - | ASTM D5470 |
| Specific gravity | 3.0 | - | - | ASTM D792 |
| Shelf life | 12 | Month | - | - |

Part Number

| Product | Pot Size | Pot Size |
|---------|-------------------|------------------|
| TG 937 | 300ml plastic jar | 1kg plastic pail |

* All measurements in ml

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