



# TG 837 Silicone Thermal Grease

Version 2.130218

## Silicone Thermal Grease

TG 837 is a grey, 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 837	Unit	Tolerance	Test Method
Appearance	Grey	-	-	Visual
Viscosity, Brookfield Cap 2000+, 25°C	170,000	cP	-	ASTM D445
Thermal Conductivity	6	W/mK	-	ASTM D5470
Specific gravity	3.2	-	-	ASTM D792
Shelf life	12	Month	-	-

### Part Number

Product	Pot Size	Pot Size
TG 837	300ml plastic jar	1kg plastic pail

\* All measurements in ml

T-Global Technology Limited  
1 & 2 Cosford Business Park, Central Park,  
Lutterworth, Leicestershire LE17 4QU U.K.

Tel: +44 (0)1455 553 510  
Email: sales@tglobaltechnology.com  
Web: www.tglobaltechnology.com  
Skype: tglobal.technology  
VAT #: GB 116 662 714

**NOTICE:** The information contained herein is to the best of our knowledge true and accurate. However, since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology Europe and North America's invoice, quotation, or order acknowledgment. We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.