



TG-N909 Non-Silicone Thermal Grease

Version 2.050819

Non-Silicone Thermal Grease

TG-N909 is a one-part, fully cured non-silicone grease. This product is also ideally suited for automation and T-Global offers complete turn-key solution to support this. This product provides:

- A low thermal impedance, when compared to traditional gap filler, for a wide range of gaps, which allows a greater degree of design flexibility to be achieved
- Proven reliability under conditions of thermal cycling, shock and vibration
- Deflects easily under low pressures which decreases stress on fragile or delicate components

Features

High thermal conductivity
Silicone oil free
Low pump-out
Low thermal impedance/thermal resistance
Non-silicone base gives an environmentally friendlier option

Applications

Consumer electronics including IC, CPU, MOS, LED, motherboards, power supply, heat sink, LCD-TV, notebook, PC, telecom device, wireless hub, DDR II module, DVD applications, hand-set applications, etc.

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Storage

TG-N909 has a shelf-life of eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at or below 25°C.

Property	TG-N909	Unit	Test Method
Colour	Grey	-	Visual
Thermal Conductivity	9	W/mk	ASTM D5470
Oil Bleed	<0.1	wt%	24hr@150°C
Weight Loss	<0.1	wt%	ASTM E595
Density	3.3	/cm ³	ASTM D792
Operating Temperature Range	-40 to 200	°C	-
Shelf Life	18	months	-

Standard Packaging

Size	Pot	Weight
	Pail	1kg

Installation Guidelines

For full turn-key support, including design, testing, supply and installation of dispensing systems suitable for prototyping to fully automated volume production please contact t-global.

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.