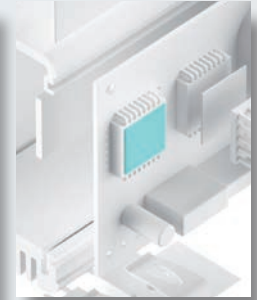


SILICONE GREASE TGR-S-SI

highly thermally conductive



TGR-S-SI is high performing silicone grease. It is ideal for use in applications where a very good and highly reliable thermal transfer must be achieved. Due to the specific formulation and filling with ceramic particles the material has a very high thermal conductivity. By its use the thermal contact is maximised, hence the total thermal resistance is minimised.



Release 3 / 2019

PROPERTIES

- Thermal conductivity: 3.3 W/mK
- Dispensable
- Almost zero pressure at assembly
- High dielectric strength
- Operating temperature range: -40 to 200°C

AVAILABILITY

- Syringes
- Jars 0.5 kg / 5 kg
- On request

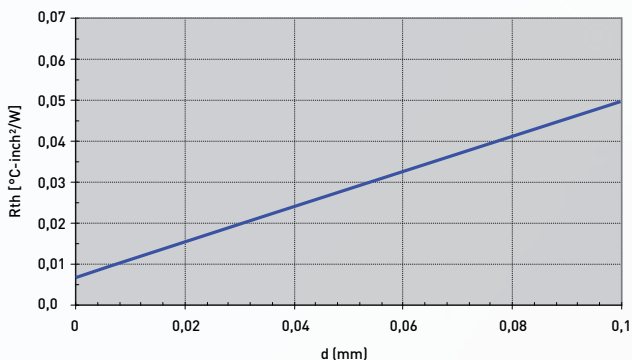
APPLICATION EXAMPLES

Thermal link of:

- LED Boards
 - Power modules
 - RDRAMs memory modules
 - Flip Chips, DSPs , BGAs, PPGAs
- For use in Automotive applications / Power electronics / Light technology / Industrial PCs

Property	Unit	TGR-S-SI
Material		Ceramic filled silicone grease
Colour		White
Density	g / cm ³	3.2
Viscosity @ 25°C	Pas	140
Volatile Content (@ 24 h @ 150°C)	%	0.1
Low Molecular Weight Siloxane Content Σ D ₃ -D ₁₀	ppm	< 100
RoHS Conformity	2011 / 65 / EU	Yes
Thermal		
Thermal Conductivity	W/mK	3.3
Operating Temperature Range	°C	- 40 to + 200
Storage Temperature	°C	< 40
Shelf Life (from Date of Manufacturing, unopened)	Months @ RT	12
Electric		
Dielectric Strength	kV / mm	12.5

All data without warranty and subject to change. Please contact us for further data and information.



All technical data and information are without warranty and believed to be reliable and accurate corresponding to the latest state of the art. Since the products are not provided to conform with mutually agreed specifications and their use and processing are unknown we cannot guarantee results, freedom from patent infringement, or their suitability for any application. Product testing by the applicant is recommended. We reserve the right of changes.