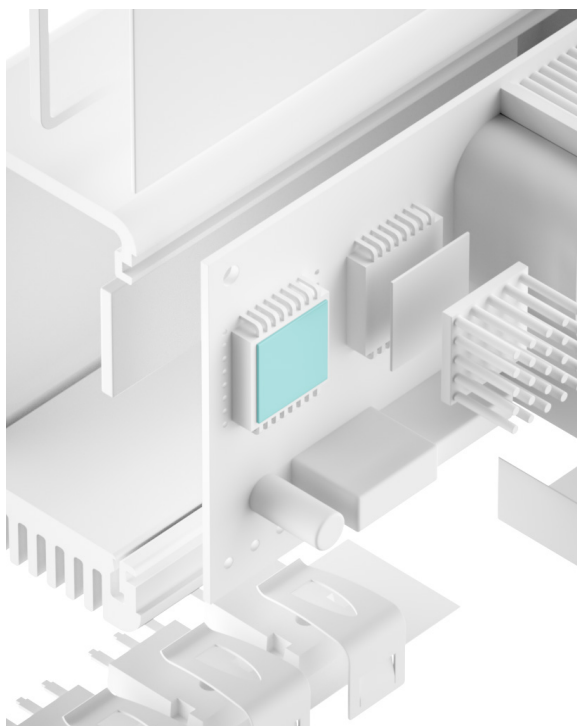


TERMISK LEDENDE MATERIALE

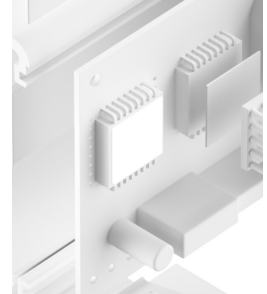


**THERMAL
GREASE**

SILICONE -FREE THERMAL GREASE TGR-J-NS

HIGHLY THERMALLY CONDUCTIVE

TGR-J-NS is high performing silicone-free thermal grease based on an ester oil matrix. 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 high thermal conductivity. By its use the thermal contact is maximised, hence the total thermal resistance is minimised.



PROPERTIES

- Thermal conductivity: 2.0 W/mK
- Silicone-free
- Dispensable
- Almost zero pressure at assembly
- Dielectric strength
- Operating temperature range: -40 to 150°C

AVAILABILITY

- Syringes
- Jars 1 kg
- On request

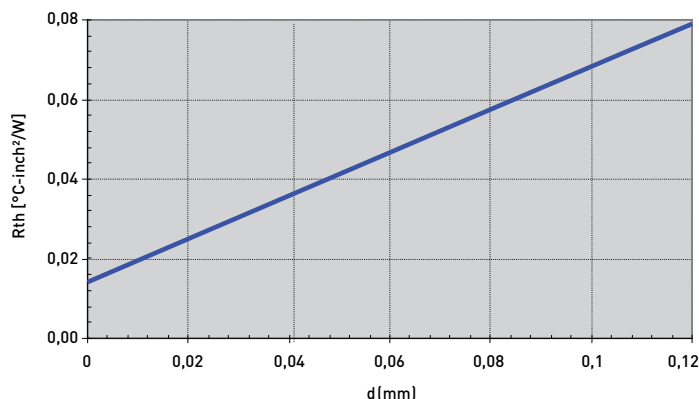
APPLICATION EXAMPLES

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-J-NS
MATERIAL		
Colour		White
Density	g /cm ³	3.1
Viscosity @ 25°C (Brookfield @ 10 rpm, 25 °C)	Pas	170
RoHS Conformity	2015 / 863 / EU	Yes
THERMAL		
Thermal Conductivity	W/mK	2.0
Operating Temperature Range	°C	- 40 to + 150
Storage Temperature	°C	< 35
Shelf Life (from Date of Manufacturing, unopened)	Months @ RT	12
ELECTRIC		
Dielectric Strength	kV / mm	5.0

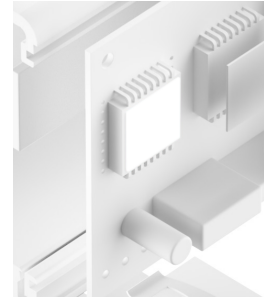
All data without warranty and subject to change. Please contact us for further data and information.



SILICONE -FREE THERMAL GREASE TGR-M-NS

HIGHLY THERMALLY CONDUCTIVE

TGR-M-NS is high performing silicone-free thermal grease based on an ester oil matrix. 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 high thermal conductivity. By its use the thermal contact is maximised, hence the total thermal resistance is minimised.



PROPERTIES

- Thermal conductivity: 2.4 W/mK
- Silicone-free
- Dispensable
- Almost zero pressure at assembly
- Dielectric strength
- Operating temperature range: -40 to 150°C

AVAILABILITY

- Syringes
- Jars 1 kg
- On request

APPLICATION EXAMPLES

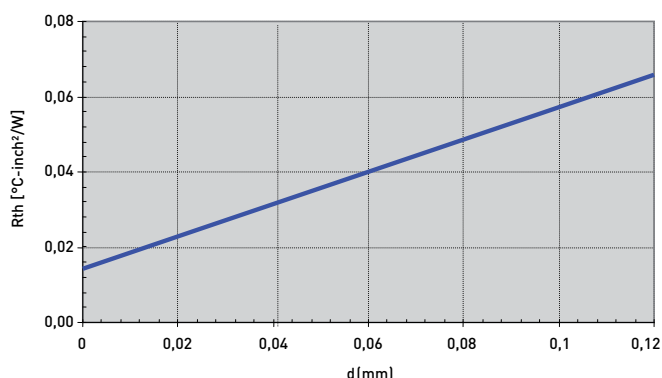
Thermal link of:

- 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-M-NS
MATERIAL		
Colour		White
Density	g /cm ³	3.2
Viscosity @ 25°C (Brookfield @ 10 rpm, 25 °C)	Pas	110
RoHS Conformity	2015 / 863 / EU	Yes
THERMAL		
Thermal Conductivity	W/mK	2.4
Operating Temperature Range	°C	- 40 to + 150
Storage Temperature	°C	< 35
Shelf Life (from Date of Manufacturing, unopened)	Months @ RT	12
ELECTRIC		
Dielectric Strength	kV / mm	4.5

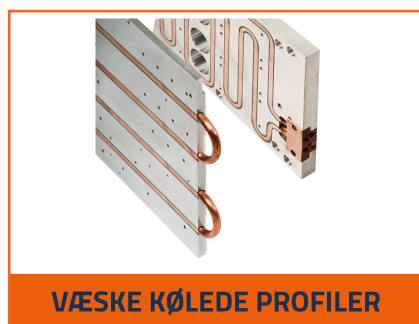
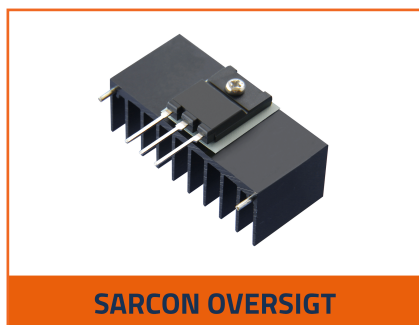
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KØLEPROFILER

VORES PRODUKTSORTIMENT INKLUDERER:



VI FØRER PRODUKTER INDENFOR KATEGORIERNE:



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**HVAC & BYGNINGS-
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ELVARME



NEWTRONIC

Ove Jensens Alle 35 F
DK-8700 Horsens
Denmark
www.newtronic.eu
www.newtronic.dk
+45 7669 7090