

## Thermally Conductive products

### Thermigrease® TG 20025

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**Description:** Thermigrease® TG 20025 has an ideal paste consistency, making it very easy to handle. Thermigrease® TG 20025 contains approximately 80% ultra-fine silver and a boron nitrite ceramic substrate.

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**Characteristics:** Thermigrease® TG 20025 has a perfect consistency in a temperature range from 0 to 150 °C. It is by default not electrically conductive. Thermigrease® TG 20025 is only electrically conductive with a very thin layer under extremely high pressure. This is the condition when used with CPU's but not achieved. Thermigrease® TG 20025 is able to reduce the temperature of the CPU to 8 - 10 ° C.

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**Application:** Due to the improved consistency Thermigrease® TG 20025 is suitable for all applications in the electronics field.

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**Colour:** Thermigrease® TG 20025 is a grey paste.

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**Form of Supply:** Thermigrease® TG 20025 is available in syringes, tubes, cartridges, jars and pails.

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## Thermigrease® TG 20025

**Storage Conditions:** Thermigrease® TG 20025 should be stored in dry conditions at room temperature and in original packaging.

Properties	Norm	Unit	Value
Density	ASTM D-70	g/cm <sup>3</sup>	ca. 3
Thermal Conductivity (at 36°C)	MIL-C-47113	W/mK	9.0
Operating Temperature Range	-	°C	-55 to +130
Thermal Conductivity Coefficient	-	W/mK	9.00
Temperature Stability	-	°C	-50 to +130
Opt. Viscosity	-	°C	0 to +150

**Trademark Information:** Thermigrease® is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany.

**Please note:** The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.