

thermal conductivity products

Thermigrease® TG 20105

Description: Thermigrease® TG 20105 is a thermally conductive paste with nanoparticles of modified ceramic compounds.

Properties: Thermigrease® TG 20105 is a paste with flowing properties whose finest particles seal surfaces and prevent seizure or corrosion even under extreme pressure and high temperatures. Thermigrease® TG 20105 effectively protects and seals metal parts against high temperatures, strong pressure, environmental influences and chemical stress. It contains no solvents, no copper and complies with the USA MIL-A-907-D standards. It is water-repellent and can be used on machines and accessories under water. Thermigrease® TG 20105 does not cause dangerous fumes and is non-toxic.

Applications: Due to its wide temperature range of -150°C to +1050°C, Thermigrease® TG 20105 is suitable for various high-temperature applications.

Delivery forms: Thermigrease® TG 20105 can be supplied in syringes, tubes, cartridges, cups and buckets.

Storage conditions: Thermigrease® TG 20105 should be stored in dry rooms at room temperature and in the original packaging.

Dr. Dietrich Müller GmbH

Characteristic	Unit	Value
Thermal conductivity:	W/mK	1.5
Max. Pressure:	PSI	50,000
Temperature range:	°C	-150 to +1,050
Resistances:		Resistant to extreme temperatures, pressure, environmental and chemical influences

Brand information: Thermigrease® is a registered trademark of Dr. Dietrich Müller GmbH, Germany.

Please note: The information in this technical data sheet is based on our current knowledge and experience. Due to the multitude of possible influences during application, it does not exempt the processor and user from carrying out their own tests and trials. A legally binding guarantee of certain properties or suitability for a specific application cannot be derived from our information. Depending on the individual case, we recommend consulting us. The recipient of our products is responsible for observing any protective rights and existing laws.