

TG30

Thermal Grease

TG30 is a highly thermally conductive silicone grease compound. Its soft consistency and good dielectric properties enable **TG30** to be used within a wide variety of applications within the electronics industry.

TG30 is one part dispensing and past-like in consistency. Once applied, either manually, automatically or semi-automatically.

TG30 delivers low bleed properties and low volatility.

TG30 will maintain an optimum level of performance over a wide operating temperature range, ensuring components and devices within electronic equipment remain thermally connected during cycling.



Properties	Unit	TG30
Base material	-	Silicone based thermal grease
Color	-	Light grey
Thermal Properties		
Thermal conductivity through	W/mK	3.0
Operating temperature	°C	-50 to 200

Ordering example:

TG30-1000

TG = Thermal Grease / 30 = 3W/mK / 1000 = 1kg

Thermal Grease

Properties	Unit	TG30
Base material	-	Silicone based thermal grease
Color	-	Light grey
Thermal Properties		
Thermal conductivity through	W/mK	3.0
Operating temperature	°C	-50 to 200
Electrical Properties		
Dielectric strength @ 1MHz	kV/mm	290
Dielectric constant @ 1 MHz	-	4.80
Volume resistivity	Ω.cm	1.1E+15
Dissipation factor @ 1MHz	-	3.3E-3
Mechanical Properties		
Bleed @ 200°C for 30 hours (%)	-	0.20
Weight loss @ 200°C for 30 hours (%)	-	0.20
Specific gravity @ 25°C	-	2.95
Physical Properties		
Standard packaging	Kg	1kg tubes and 25kg pails
Shelf life	Months	12

The data presented in this leaflet are in accordance with the present state of our knowledge. All statements, technical information and recommendations herein are based on tests we believe to be reliable. The customer is thereby not absolved from carefully checking all supplies immediately on receipt. The recommendations made in this catalogue should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Before using, user shall determine the suitability of the product for its intended use, and the user assumes all risks and liability whatsoever in connection therewith. We reserve the right to alter product constants within the

scope of technical process or new developments. The recommendations do not absolve the customer from the obligation of investigating the possibility of infringement of third parties' right and, if necessary, clarifying the position. Sellers' and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable either in tort or contract for any loss or damage, direct or incidental, or consequential, including loss of profits or revenue arising out of the use or the inability to use a product. No statement, purchase order or recommendations by seller or purchaser not contained herein shall have any force or effect unless in an agreement signed by the officers of the seller