



*mtc's* thermally conductive grease is silicone-based with low viscosity that will never dry out. Its flexibility and elasticity makes it suited for the coating of uneven surfaces. The grease is applied where re-work or frequent assembly/disassembly is required.

Due to the low viscosity of the material the paste is suitable for automatic dispensing and screen printing applications.

*mtc's* product range includes thermally conductive greases with thermal conductivities from 2,0 to 6,0 W/m\*K.



### Features

Thermal conductivity: 4,0 W/m\*K

Suitable for auto-dispensing and screen printing applications

Easy to apply

Never dries out

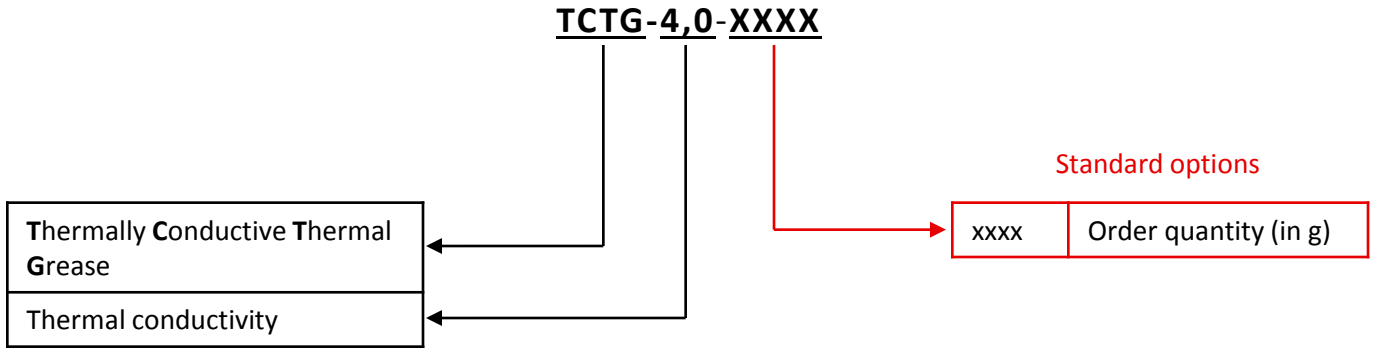
Cost effective

Possible order quantities: 500 g, 1.000 g

Property	Value	Unit	Tolerance	Test method
Composition	Metal oxide filled silicone oil	-	-	-
Thermal conductivity	4,0	W/m*K	-	ASTM 5470
Thermal impedance	0,025	K*in <sup>2</sup> /W @ 50psi	-	ASTM 5470
Viscosity	2.350	kcps @ 25°C	-	Brookfield Rvf#7
Density	2,5	g/cm <sup>3</sup>	-	-
Evaporation	0,18	%/°C @ 24hrs	-	-
Working temperature range	-40 – 200	°C	-	-
Colour	Grey	-	-	Visual
Order quantity	150, 200, 500, 1.000	g/can	-	-
Shelf life°	12	Months	-	-

°From date of receipt by the customer when stored at 23°C / 60%rH

### BUILDING AN ITEM NUMBER



**Example:** TCTG-4,0-500

Thermally conductive thermal grease; thermal conductivity: 4,0 W/m\*K; order quantity: 500 g

### POSSIBLE ORDER QUANTITIES

- 150 g
- 200 g
- 500 g
- 1.000 g