

Thermally conductive two components gap fillers offer an excellent thermal performance and a superior conformability. It is a two component liquid gap filler material, curing either at room or elevated temperature to speed up the curing process.

The pre-curing material possesses good thixotropic characteristics as well as low viscosity which is an ideal solution for dispensing. After curing, the mixture becomes a low modulus elastomer to relieve stresses during thermal cycling.

- Thermal conductivity: 2,0 W/m*K
- Easy to dispense
- Ultra-conforming for fragile and low stress applications
- Ambient or accelerated cure schedules in elevated temperature



RoHS



REACH



PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Composition	Filled silicone elastomer	-
Thermal conductivity	2,0 W/m*K ± 10%	ASTM D5470
Hardness	55 - 60 Shore 00 ± 10%	ASTM D2240
Colour part A	White	Visual
Colour part B	Grey	Visual
Viscosity	80.000 cps ± 10%	-
Mix ratio	1:1	-
Density	2,4 g/cm ³ ± 10%	-
Temperature range	-40 – 180 °C	-
Dielectric strength	>8.000 V/mm	ASTM D149
Volume resistivity	10 ¹³ Ω*cm	ASTM D257
Flammability rating	V-0	UL94, internal test**
Working time @ 25°C	180 min	-
Cure @ 25°C (h)	8 h	-
Cure @ 100°C (min)	10 min	-
Shelf life°	6 months	-

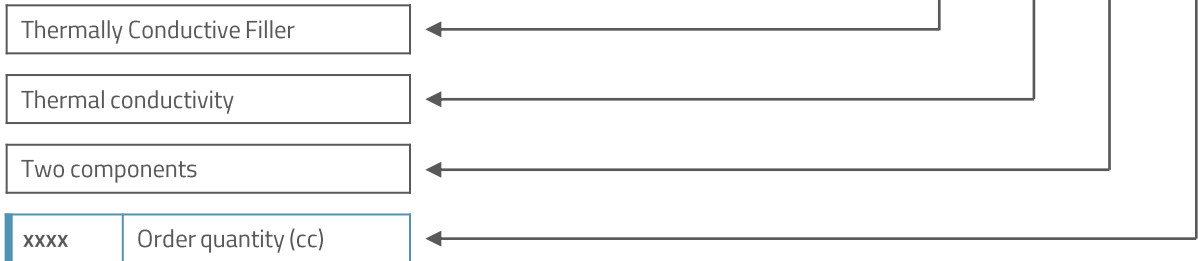
°From date of receipt by the customer when stored at 23°C / 60%rH

** Internal test according to UL94 – no listing

Please note: Picture only shows an example of a two component gap filler.

BUILDING AN ITEM NUMBER

TCTX-2,0-2C-XXXX



Standard options

EXAMPLE

TCTX-2,0 2C-400

Thermally conductive filler; thermal conductivity: 2,0 W/m^{*K};
two components, order quantity: 2x200cc twin syringe

POSSIBLE ORDER QUANTITIES

- Available in 50cc (2x25 cc twin syringe), 100cc (2x50 cc twin syringe), 400cc (2x200cc twin syringe) and 620cc (2x310 cc twin syringe)