TWO COMPONENTS GAP FILLER
TCTX-SERIES 1,8 W/m*K

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: 1,8 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	1,8 W/m*K ± 10%	ASTM D5470
Hardness	60 Shore 00 ± 10%	ASTM D2240
Colour part A	White	Visual
Colour part B	Pink	Visual
Viscosity	70.000 cps ± 10%	-
Mix ratio	1:1	-
Density	1,8 g/cm³ ± 10%	-
Temperature range	-40 – 180 °C	-
Dielectric strength	>8000 V/mm	ASTM D149
Volume resistivity	10^{10} Ω*cm	ASTM D257
Flammability rating	V-0	UL94, internal test**
Working time @ 25°C	180 min	120 min (2hrs)
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.

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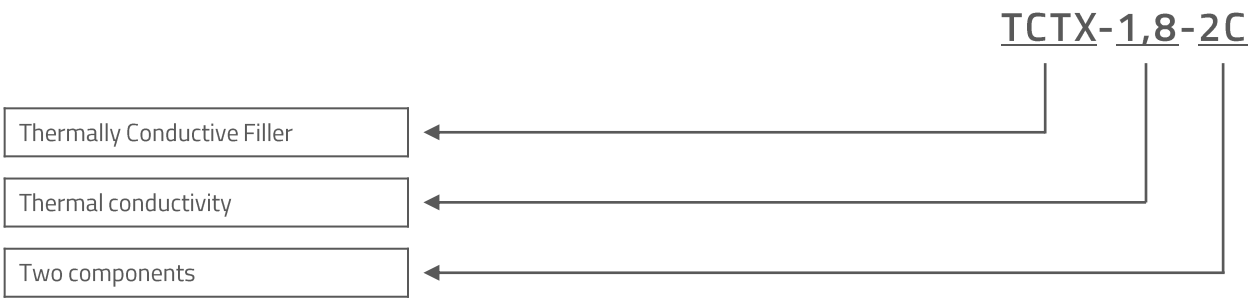
BUILDING AN ITEM NUMBER



Standard options

EXAMPLE

TCTX-1,8 2C
Thermally conductive filler; thermal conductivity: 1,8 W/m*K; two components

POSSIBLE ORDER QUANTITIES

- Available in 2x25 cc, 2x50 cc and 2x300 cc syringes

Modifications and errors excepted. The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verifications and testings to determine the suitability for their own particular purpose of any information or products referred to herein.