

ONE COMPONENT GAP FILLER

TCTP-SERIES 3,5 W/m*K



One component gap filler is a high performance thermally conductive compound that will not dry out. It has low viscosity for easy and neat application and can be used for applications involving auto-dispensing equipment or stencil screen-printing.

The thermally conductive putty is halogen-free and offers extra reassurance in applications where hazardous substances are forbidden.

- Thermal conductivity: 3,5 W/m*K
- Suitable for auto-dispensing and screen printing applications
- Easy to apply
- Never dries out
- Cost effective
- Halogen-free
- Also available with glass balls as spacer



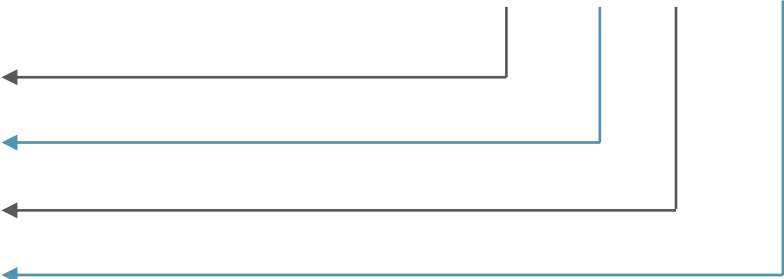
PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
THERMAL		
Thermal conductivity	3,5 W/m*K	ASTM D5470
ELECTRICAL		
Breakdown voltage	8 kV/mm	ASTM D149
Volumeresistivity	10 ¹³ Ω-cm	ASTM D257
PHYSICAL		
Composition	Filled silicone elastomer	-
Glass balls	Available on request	-
Density	3,3g/ cm ³	-
Order quantity	30, 50, 150 and 300 cc syringes	-
Minimum bond line thickness	0,1 mm	-
Shelf life°	18 months	-
Flammability rating	V-0	UL 94, E360243
Flow rate	20g/min ± 4 (30cc syringe with no tip attachment 0,100" orifice, 90psi*)	-
Temperature range	-55 -200 °C	-

BUILDING AN ITEM NUMBER

TCTP-XX-3,5-XXX

Thermally Conductive Putty	
GB	With 0,1 mm glass balls
Thermal conductivity	
XXXX	Order quantity (cc)



Standard options

EXAMPLE

TCTP-GB-3,5-150
Thermally conductive putty; with glass balls, thermal conductivity:
3,5 W/m*K; order quantity: 150 cc

POSSIBLE ORDER QUANTITIES

- Available in 30 cc, 50 cc, 150 cc and 300 cc syringes

OUTGASSING TEST according to ASTM E595-15

DETERMINATION	TEST VALUES	REQUIREMENTS	RESULTS
Total mass loss (% TML)	0,076	1,00 (max.)	Complies
Collected volatile condensable materials (% CVCM)	0,017	0,10 (max.)	Complies
Water vapor regain (% WVR)	0,002	Not specified	Information only