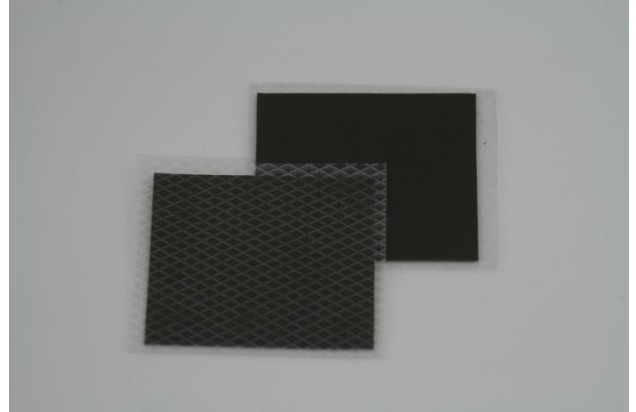


Thermally conductive insulators are characterized by a good heat conduction and an excellent dielectric strength. They also possess a good electrical isolation.

Insulators are especially suitable for applications where low mounting pressure is required, e. g. for component clamping.

The smooth and compliant surface of insulators can minimize the thermal resistance and thus maximize the thermal performance.

- Thermal conductivity: 1,5 W/m*K
- Available in thicknesses from 0,25 to 0,60 mm
- Low thermal resistance
- Good electrical isolating
- Easy to assemble
- Cost effective



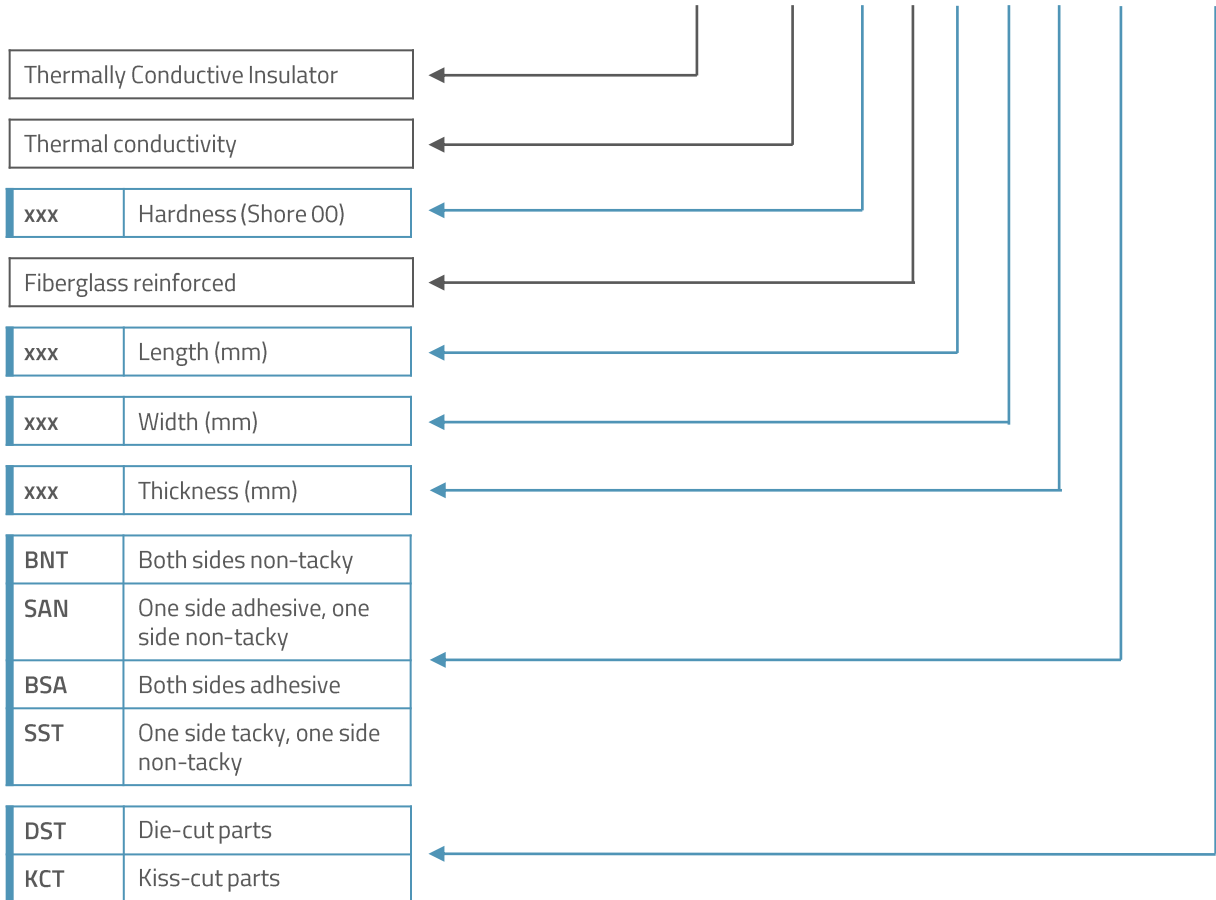
PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Base material	Silicone rubber	-
Thermal conductivity	1,5 W/m*K	ASTM D5470
Thickness range (T)	0,25 – 0,60 mm	ASTM D374
Reinforced carrier	Fiberglass	-
Hardness	20 – 60 Shore 00 ± 5	ASTM D2240
Density	>1,6 g/cm ³	ASTM D297
Dielectric strength	>4 kV/mm	ASTM D149
Tensile strength	17,6 MPa	ASTM D412
Temperature range	-40 to 200 °C	EN 344
Flammability rating	V-0	UL94
Total mass loss (TML)	< 0,5% @ 24 h / 125°C vakuum	ASTM E595-15

Please note: Picture only shows an example of an insulator.

BUILDING AN ITEM NUMBER

TCIN- 1,5 Sxx F- LxWxT-XXX-YYY



Standard options

EXAMPLE

TCIN-1,5 S40 F-35x17x0,25-SAN-DST

Thermally conductive insulator; thermal conductivity: 1,5 W/m*K; hardness: 40 Shore 00; fiberglass reinforced; size: 35x17 mm; thickness: 0,25 mm; one side adhesive, one side non-tacky; die-cut