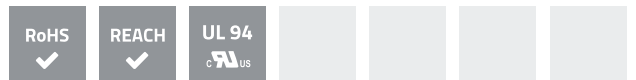
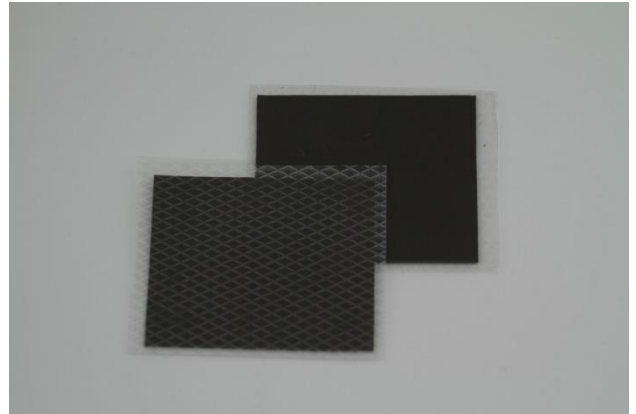


Thermally conductive insulators are characterized by a good heat conduction and an excellent dielectric strength. They also possess a good electrical isolation.

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: 1,2 W/m*K
- Available in thicknesses from 0,18 to 0,45 mm
- Low thermal resistance
- Good electrical isolating
- Easy to assemble
- Cost effective



PRODUCT SPECIFICATIONS

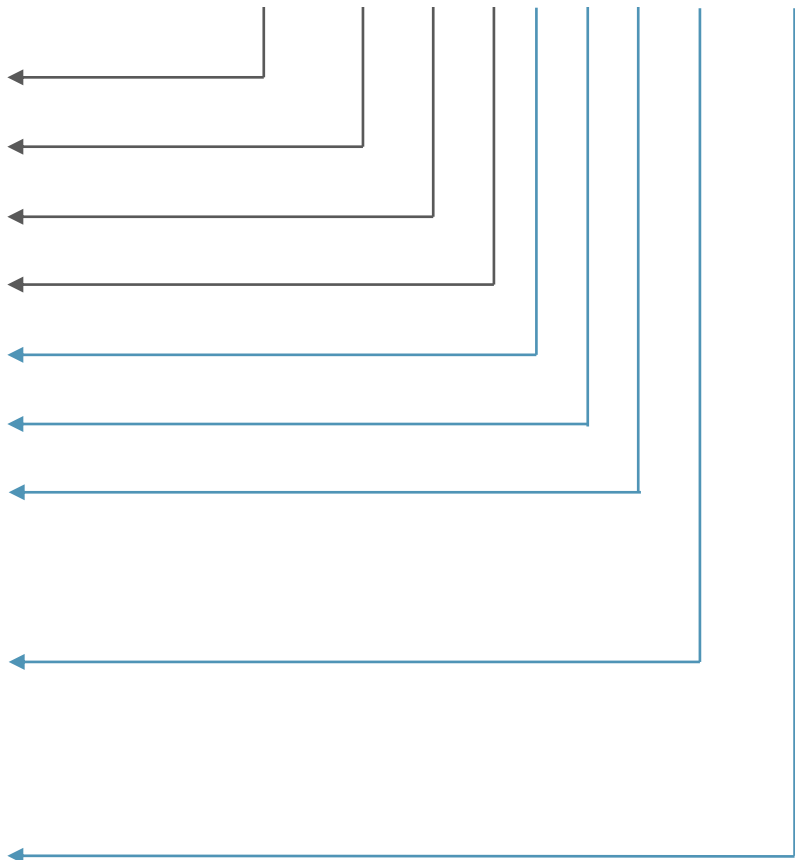
PROPERTY	VALUE / TOLERANCE	TEST METHOD
Base material	Silicone rubber	-
Thermal conductivity	1,2 W/m*K	ASTM D5470
Thickness range (T)	0,18 – 0,45 mm	ASTM D374
Reinforced carrier	Fiberglass	-
Hardness	70 ShoreA ± 5	ASTM D2240
Density	>1,6 g/cm ³	ASTM D297
Dielectric strength	>4 kV/mm	ASTM D149:2009
Tensile strength	17,6 MPa	ASTM D412
Temperature range	-40 to 200 °C	EN 344
Flammability rating	V-0	UL94
Colour	Grey/yellow/pink	Visual

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

BUILDING AN ITEM NUMBER

TCIN-1,2 S70 F-LxWxT-XXX-YYY

Thermally Conductive Insulator	
Thermal conductivity	
Shore A hardness	
Fiberglass reinforced	
xxx	Length (mm)
xxx	Width (mm)
xxx	Thickness (mm)
BNT	Both sides non-tacky
SAN	One side adhesive, one side non-tacky
BSA	Both sides adhesive
SST	One side tacky, one side non-tacky
DST	Die-cut parts
KCT	Kiss-cut parts



Standard options

EXAMPLE

TCIN-1,2 S70 F-35x17x0,3-SAN-DST

Thermally conductive insulator; thermal conductivity: 1,2 W/m*K; hardness: 70 Shore A; fiberglass reinforced; size: 35x17 mm; thickness: 0,3 mm; one side adhesive, one side non-tacky; die-cut