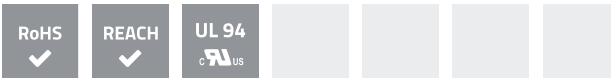
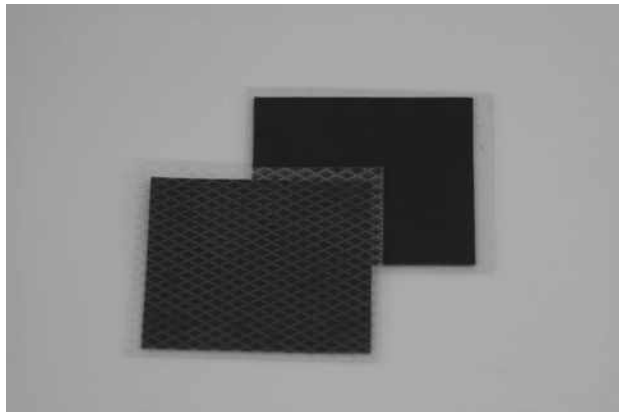


Thermally conductive insulators are characterized by a good heat conduction and an excellent dielectric strength. They also possess a good electrical isolation.

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 1,0 mm
- Low thermal resistance
- Good electrical isolating
- Easy to assemble
- Cost effective



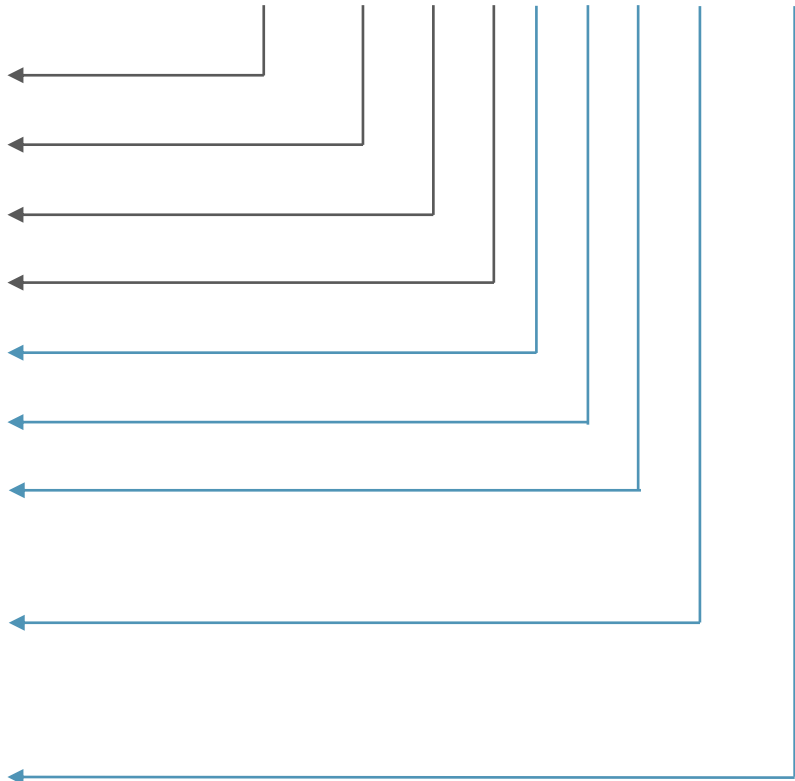
PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
THERMAL		
Thermal conductivity	1,2 W/m*K	ASTM D5470
ELECTRICAL		
Breakdown voltage V/mm	>5000	ASTM D149
PHYSICAL		
Reinforced carrier	Fibreglass	-
Hardness	80 ± 5 ShoreA	ASTM D2240
Gravity	1,6g /cm ³	ASTM D297
Thickness range	0,18 – 1,0mm	ASTM D374
Base material	Silicone rubber	-
Working temperature	-60 – 180 °C	EN 344
Flammability rating	V-0	UL94
Total mass loss (TML)	< 0,5% @ 24 h / 125°C vakuum	ASTM E595-15
Tensile strength	6 Mpa	ASTM D412

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
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