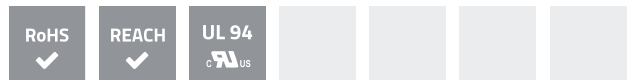
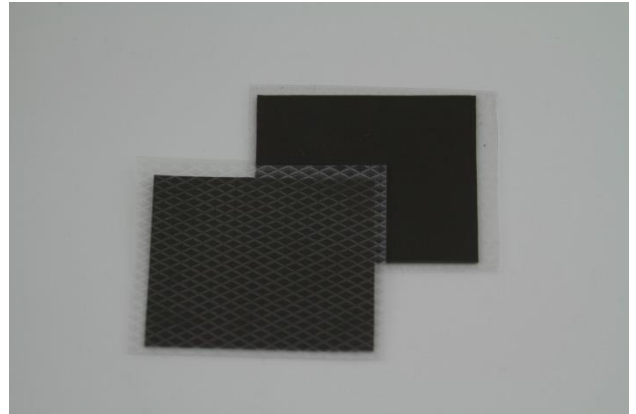


Thermally conductive insulators are characterized by a good heat conduction and an excellent dielectric strength. They also possess a good electrical isolation.

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 0,1 to 18 mm
- Low thermal resistance
- Good electrical isolating
- Easy to assemble
- Cost effective



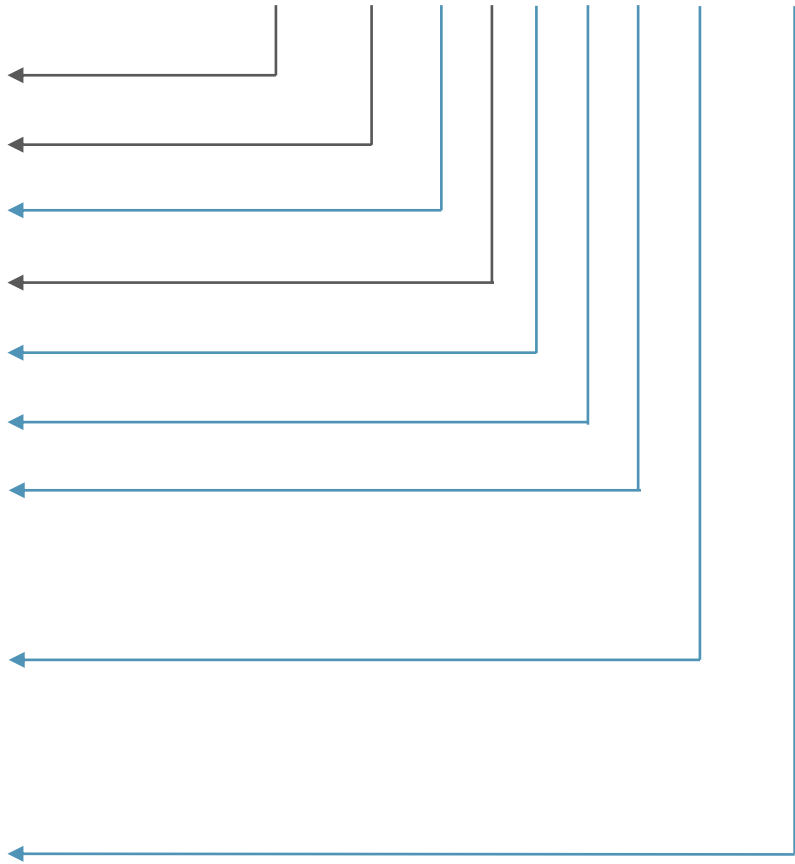
### PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
<b>THERMAL</b>		
Thermal conductivity	1,5 W/m*K	ASTM D5470
<b>ELECTRICAL</b>		
Breakdown voltage kV/mm	>10	ASTM D149
Dialectric constant	4,9 MHz	ASTM D150
<b>PHYSICAL</b>		
Base material	Silicone rubber	-
Hardness	10 – 80 Shore 00 ± 5	ASTM D2240
Gravity	2,05 g/cm <sup>3</sup>	ASTM D297
Thickness range	0,1–18mm	ASTM D374
Tensile strength	25Psi	ASTM D412
Working temperature	-40 – 200 °C	EN 344
Flammability rating	V-0	UL 94
Dialectric stength	>10000V	ASTM D149
Reinforced carrier	Fibreglass	-
Total mass loss (TML)	<0,5% @24h / 125°C vakuum	ASTM E595- 15

**BUILDING AN ITEM NUMBER**

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

Thermally Conductive Insulator	
Thermal conductivity	
xxx	Hardness (Shore 00)
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-1,5 S40 F-35x17x0,25-SAN-DST**

Thermally conductive insulator; thermal conductivity: 1,5 W/m\*K; hardness: 10-80 Shore 00; fiberglass reinforced; size: 35x17 mm; thickness: 0,1-18 mm; one side adhesive, one side non-tacky; die-cut