

Thermally conductive gap fillers offer, besides excellent thermal properties, the ability to even out small, medium and big gaps and tolerances between the component (hot spot) and the cooling device.

Gap fillers are based on silicone and are filled with ceramic particles. They are tacky by nature. This can be single- or double sided. The use of an adhesive tape is not necessary in most cases. Anyway a single- or double-sided adhesive is available on request.

- Thermal conductivity: 6,0 W/m*K
- Available in 400x300 mm standard sheet size, other dimensions and die-cut parts on request
- Available in thicknesses from 0,5 to 10,0 mm
- Naturally both side tacky as standard, other options available
- Adhesive tape on request
- Based on silicone filled with ceramic particles



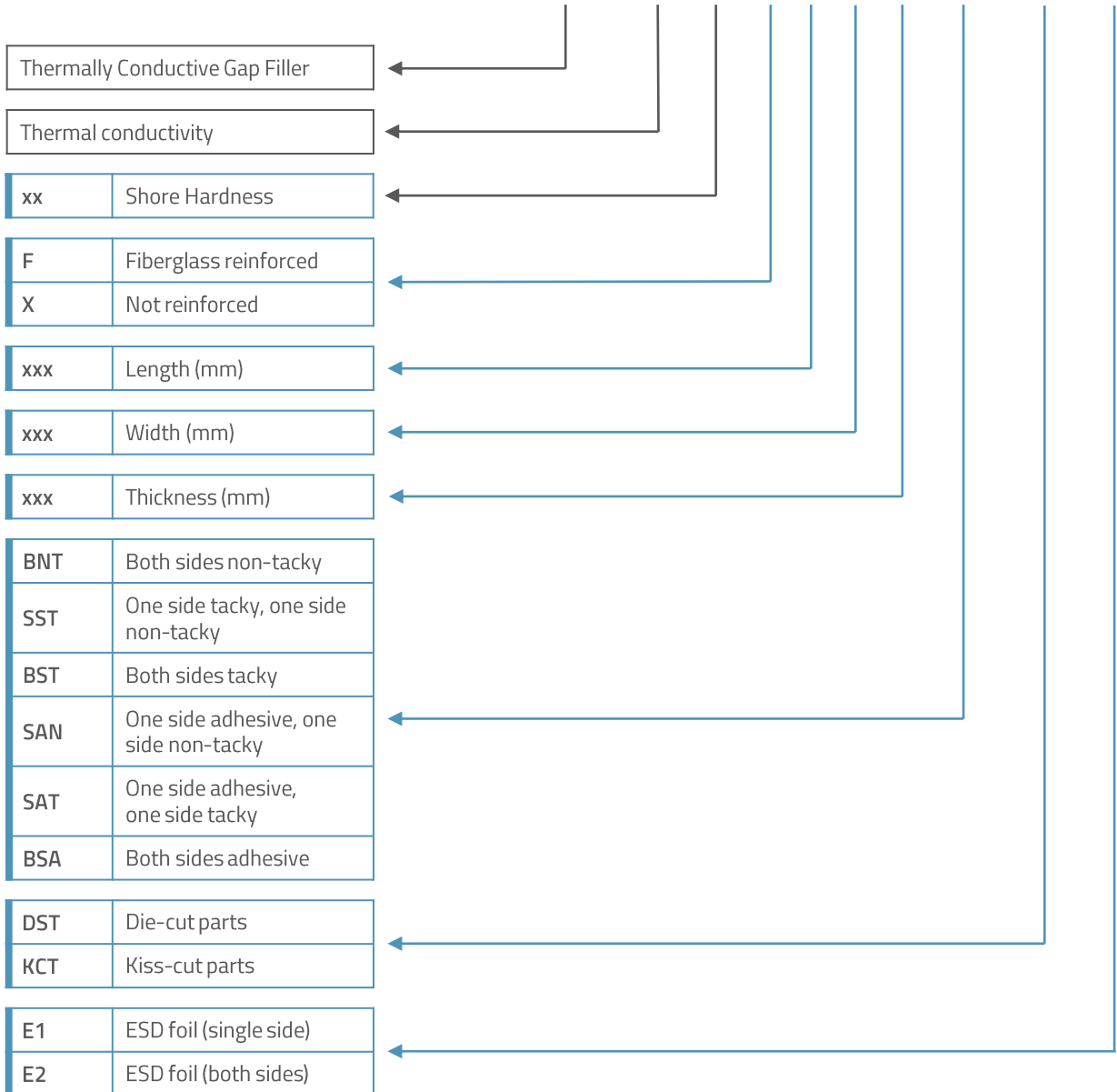
PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
THERMAL		
Thermal conductivity	6,0 W/m*K	ASTM D5470
ELECTRICAL		
Breakdown voltage	>8 kV/mm	ASTM D149
Volume resistivity	0,62*10 ¹² Ω*cm	ASTM D257
Dielectric constant	12,6 MHz	ASTM D150
PHYSICAL		
Composition	Silicone elastomer	-
Hardness	40 – 80 Shore 00 ± 10 %	ASTM D2240
Gravity	3,4 g/cm ³	ASTM D792
Thickness range	0,5– 10,0 mm	ASTM D374
Standard sheet size	400x300mm	caliper
Working temperature	-40 – 200 °C	-
Flammability rating	V-0	UL 94 E360243
Color	Multi-color	-
Tensile Strength	32 psi	ASTM D412

Please note: Picture only shows an example of different gap pads.

BUILDING AN ITEM NUMBER

TCGF-6,0 Sxx #-LxWxT-XXX-YYY-ZZ



Standard options

EXAMPLE

TCGF-6,0 S60 F-35x17x6-BST-DST-E1

Thermally conductive gap filler; thermal conductivity: 6,0 W/m*K; hardness: 60 Shore 00; fiberglass reinforced; size: 35x17 mm; thickness: 6 mm; both sides tacky; die-cut; ESD foil (single side)