

Thermally conductive adhesive tapes are used for bonding heatsinks or other cooling devices to the hot device.

The adhesive tapes are supplied as double sided adhesive film and are filled with ceramic particles.

Thermally conductive tapes eliminate the need for external clamps and curing.

- Thermal conductivity: 1,5 W/m\*K
- Available in 297x210 mm standard sheet size, other dimensions and die-cut parts on request
- Available in thicknesses from 0,1 to 0,8mm
- Double-sided, pressure sensitive adhesive
- Thermal conductivity in combination with electrical isolation
- High temperature stability



RoHS



REACH

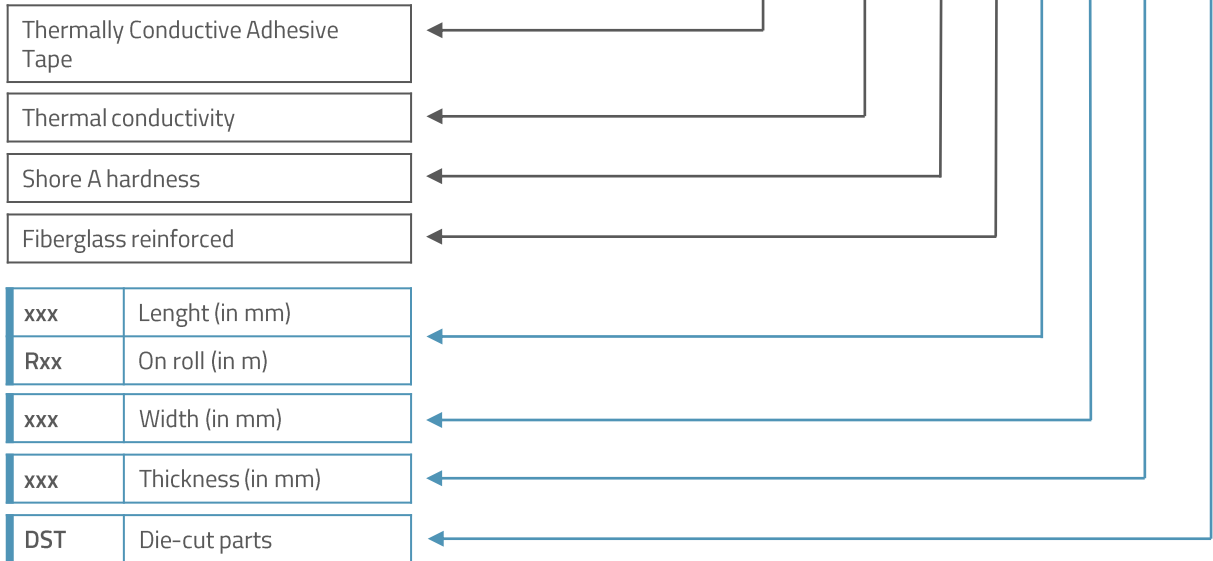


### PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
<b>THERMAL</b>		
Thermal conductivity	1,5 W/m*K	ASTM D5470
<b>ELECTRICAL</b>		
Breakdown voltage	>8000 V/mm	ASTM D149
<b>PHYSICAL</b>		
Composition	Acrylic	-
Hardness	45 Shore A	ASTM D2240
Gravity	1,65 g/cm <sup>3</sup>	-
Color	White	Visual
Working temperature	-40 – 130 °C	-
Shelf Life	12 months	-
Thickness range	0,1-0,8mm	-
Tensile strength	6 Mpa	ASTM D412
Reinforced carrier	Fibreglass	-

## BUILDING AN ITEM NUMBER

**TCAT-1,5 S45 F-LxWxT-XXX**



### Standard options

**EXAMPLE**

**TCAT-1,5 S45 F-27x25x0,3-DST**

Thermally conductive adhesive tape; thermal conductivity: 1,5 W/m\*K; hardness: 45 Shore A; fiberglass reinforced; size: 27x25 mm; thickness: 0,3 mm; die-cut

## CONFIGURATIONS AVAILABLE

- Standard sheet size: 297x210 mm
- Customer-specific sheet sizes
- Die-cut parts
- On roll

## STANDARD THICKNESSES

- 0,10 mm
- 0,15 mm
- 0,20 mm
- 0,25 mm
- 0,30 mm
- 0,40 mm
- 0,50 mm