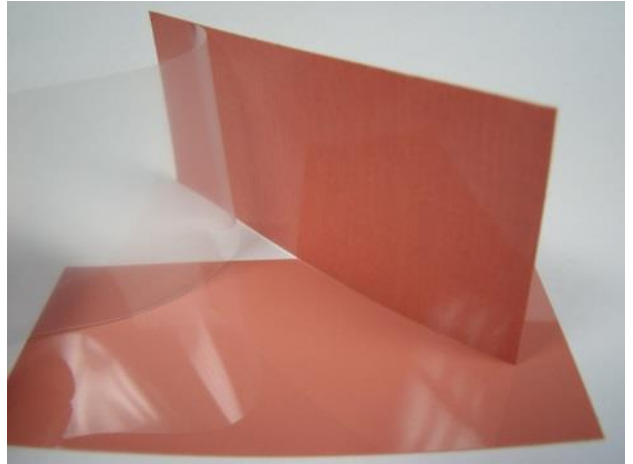


Thermally conductive adhesive tapes are used for bonding heatsinks or other cooling devices to the hot device.

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.

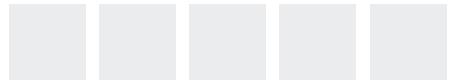
- Thermal conductivity: 1,5 W/m\*K
- Available in 297x210 mm standard sheet size, other dimensions and die-cut parts on request
- Available in thicknesses from 0,1 to 0,5 mm
- Double-sided, pressure sensitive adhesive
- Thermal conductivity in combination with electrical isolation
- High temperature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



RoHS



REACH



## PRODUCT SPECIFICATIONS

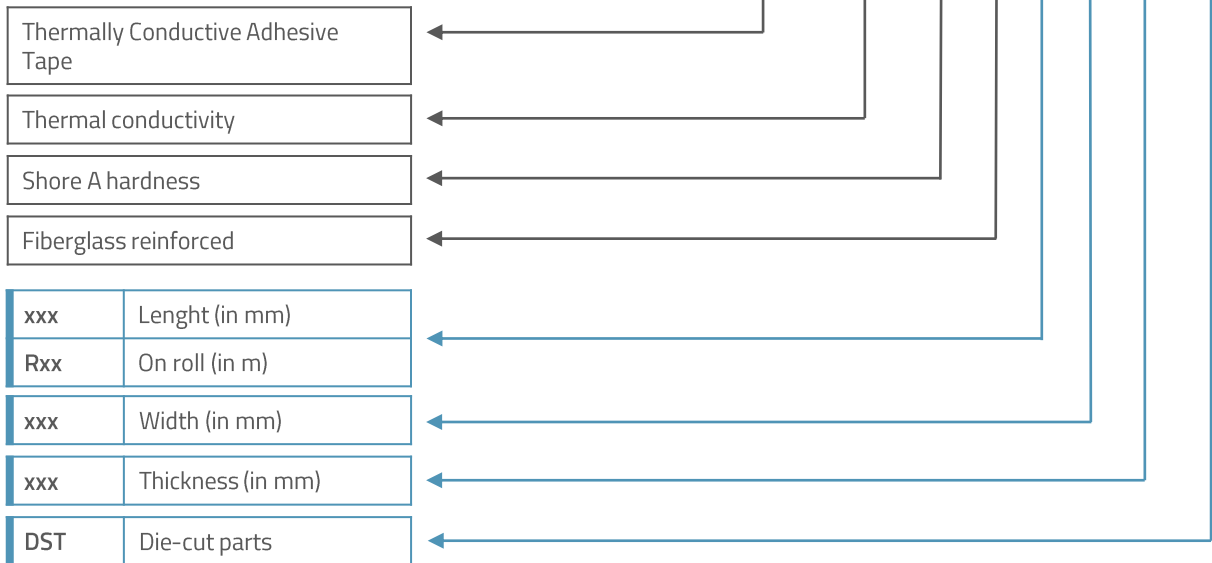
PROPERTY	VALUE / TOLERANCE	TEST METHOD
Thermal conductivity	1,5 W/m*K	ASTM D5470
Hardness	45 Shore A	ASTM D2240
Material	Acrylic-based polymer	-
Filler	Ceramic powder	-
Reinforced carrier	Fiberglass	-
Surface adhesion	12 N/25mm @ 23°C	-
Temperature range	-45 – 120 °C	-
Breakdown voltage	>3,5 kV/mm	ASTM D149
Density	1,35 g/cm <sup>3</sup>	-
Thickness & carrier	0,03/0,05/0,06 thick :None	ASTM D3652
	0,1mm;0,15mm;0,2mm;0,25mm;0,3mm;0,4mm;0,5mm; thick: Fiber Glass	
Surface Adhesion	6,2 MPa	-
Standard sheet size (LxW)	297x210 mm	
Shelf life°	12 months	

°From date of receipt by the customer when stored at 23°C / 60%rH

Please note: Picture only shows an example of a phase change material.

## 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