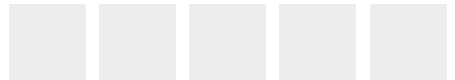
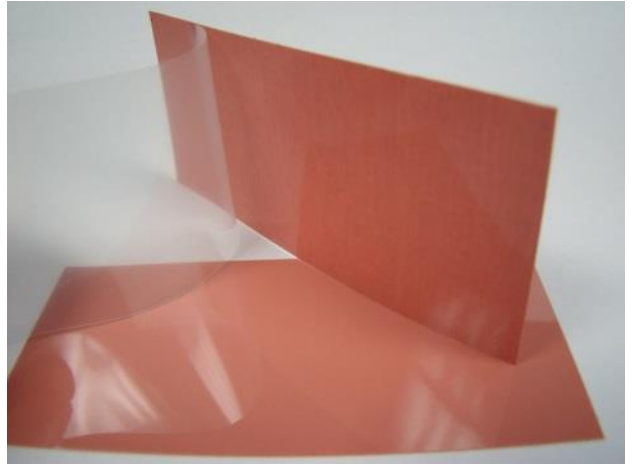


Thermally conductive adhesive tapes are used for bonding heatsinks or other cooling devices to the hot device.

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: 1,0 W/m\*K
- Available in 400x300 mm standard sheet size, other dimensions and die-cut parts on request
- Available in thicknesses from 0,3 to 2,0 mm
- Double-sided, pressure sensitive adhesive
- Thermal conductivity in combination with electrical isolation
- High temperature stability



## PRODUCT SPECIFICATIONS

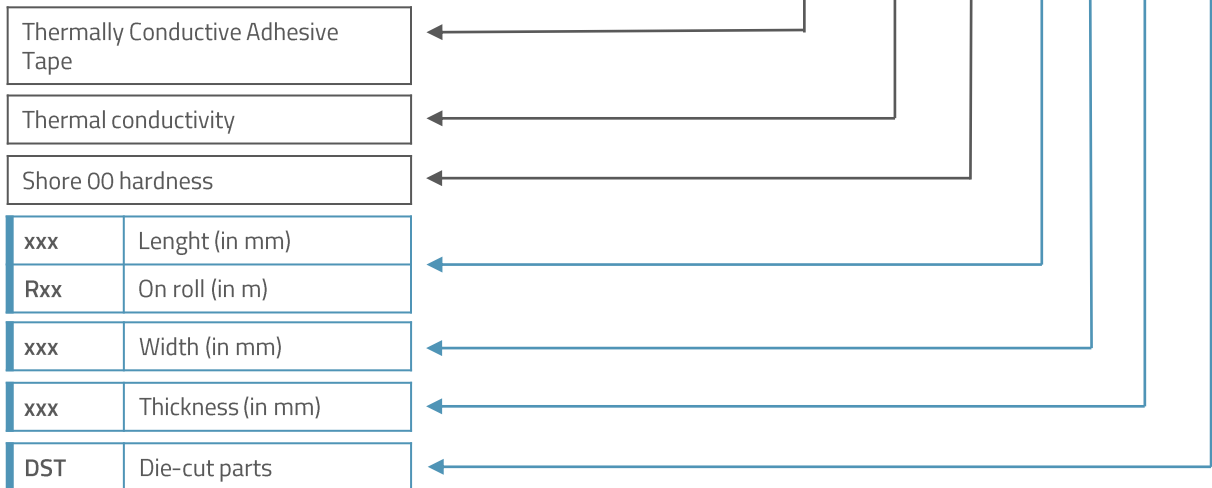
PROPERTY	VALUE / TOLERANCE	TEST METHOD
Thermal conductivity	1,0 W/m*K	ASTM D5470
Hardness	60 Shore 00	ASTM D2240
Material	Acrylic-based polymer	-
Filler	Ceramic powder	-
Adhesive Type	Acrylic Polymer	-
Surface adhesion	6,9 MPa	-
Temperature range	-45 – 120 °C	-
Breakdown voltage	>3,5 kV/mm	ASTM D149
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	
Standard sheet size (LxW)	400x300 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-1,0 S60-LxWxT-XXX**



## Standard options

### EXAMPLE

**TCAT-1,0 S60-27x25x0,3-DST**

Thermally conductive adhesive tape; thermal conductivity: 1,0 W/m\*K; hardness: 60 Shore 00; size: 27x25 mm; thickness: 0,3 mm; die-cut

## CONFIGURATIONS AVAILABLE

- Standard sheet size: 400x300 mm
- Customer-specific sheet sizes
- Die-cut parts
- On roll

## STANDARD THICKNESSES

- 0,3 mm
- 0,5 mm
- 1,0 mm
- 1,5 mm
- 2,0 mm