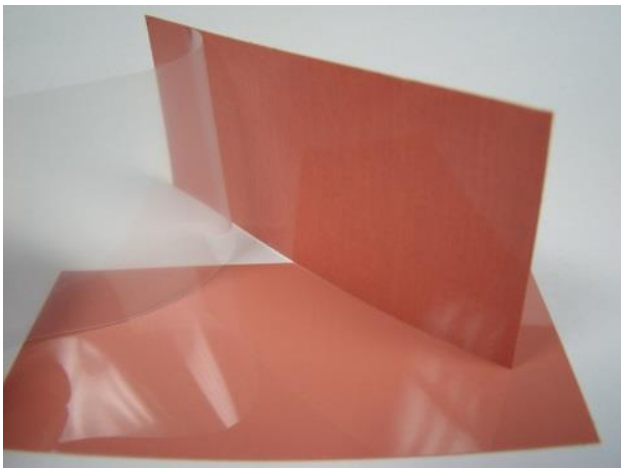
ADHESIVE TAPE
TCAT-SERIES 2,0 W/m*K

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: 2,0 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**



RoHS ✓ REACH ✓

PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
Thermal conductivity	2,0 W/m*K	ASTM D5470
Hardness	60 Shore 00	ASTM D2240
Material	Silicone-based polymer	-
Filler	Ceramic powder	-
Adhesive Type	Acrylic Powder	-
Surface adhesion	8,8 @ 23°, N/25mm	PSTC-7
Temperature range	-60 – 150 °C	-
Breakdown voltage	>5 kV/mm	ASTM D149
Density	2,6 g/cm³	-
Thickness & carrier	12mil-80mil (1mil=0,0254mm) 0,3mm-2,0mm	ASTM D3652
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.

ADHESIVE TAPE
TCAT-SERIES 2,0 W/m*K

BUILDING AN ITEM NUMBER

TCAT-2,0 S60-LxWxT-XXX

Thermally Conductive Adhesive Tape	
Thermal conductivity	
Shore 00 hardness	
xxx	Lenght (in mm)
Rxx	On roll (in m)
xxx	Width (in mm)
xxx	Thickness (in mm)
DST	Die-cut parts

Standard options

EXAMPLE

TCAT-2,0 S60-27x25x0,3-DST
Thermally conductive adhesive tape; thermal conductivity: 2,0 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

THERMAL IMPEDANCE