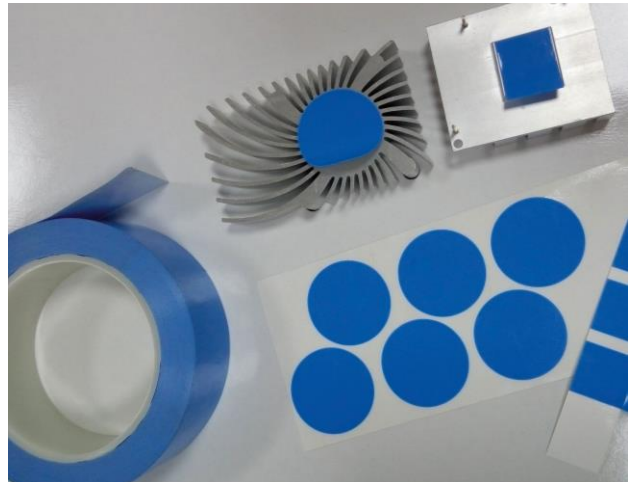


Thermally conductive adhesive tapes are used for bonding heatsinks or other cooling devices to the hot device.

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 0,03 to 0,5mm
- Double-sided, pressure sensitive adhesive
- Thermal conductivity in combination with electrical isolation
- High temperature stability



PRODUCT SPECIFICATIONS

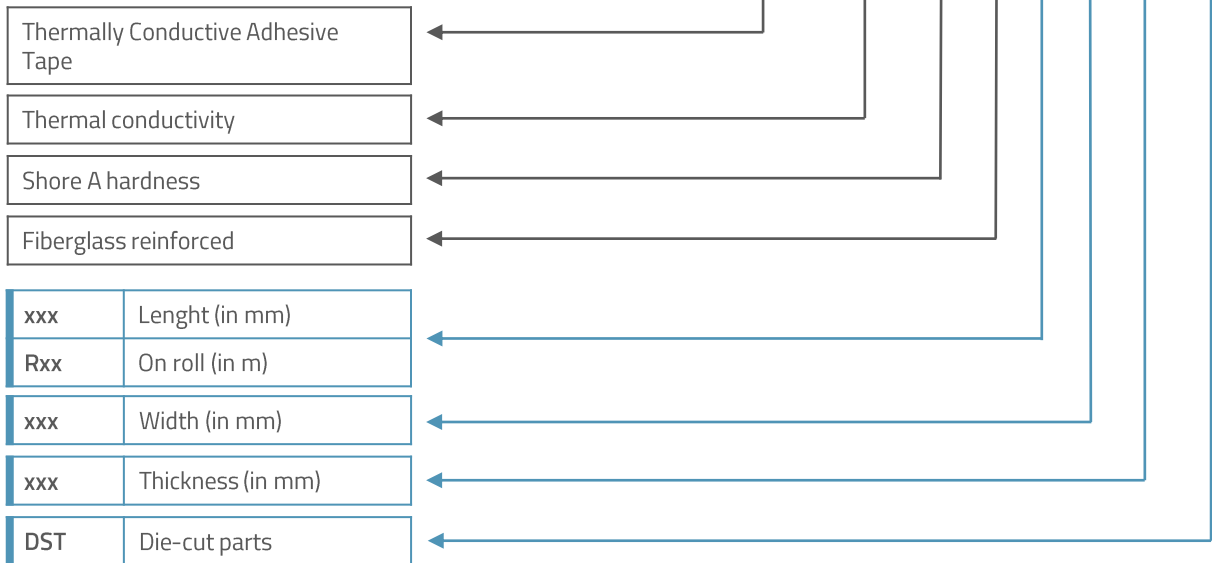
PROPERTY	VALUE / TOLERANCE	TEST METHOD
Thermal conductivity	1,5 W/m*K	ASTM D5470
Hardness	45 Shore A	ASTM D2240
Material	Acrylic-based polymer	-
Filler	Ceramic powder	-
Reinforced carrier	Fiberglass	-
Surface adhesion	8,7N/25mm	PSTC-1
Initial Tack (Ball #3 30°)	>40	GB/T4852-2002
Retention hour	>55 h	PSTC-7
Temperature range	-45 – 120 °C	-
Breakdown voltage	>3,5 kV/mm	ASTM D149
Density	1,35 g/cm ³	-
Thickness & carrier	0,03/0,05/0,06 thick :None	ASTM D3652
	0,1/0,15/0,2/0,25/0,3/0,4/0,5mm; thick: Fiberglass	
Advised Using pressure	20s/10Psi @25°C	-
	5s/10Psi @50°C	
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 an adhesive tape.

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