ADHESIVE TAPE TCAT-SERIES 1,5 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: 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









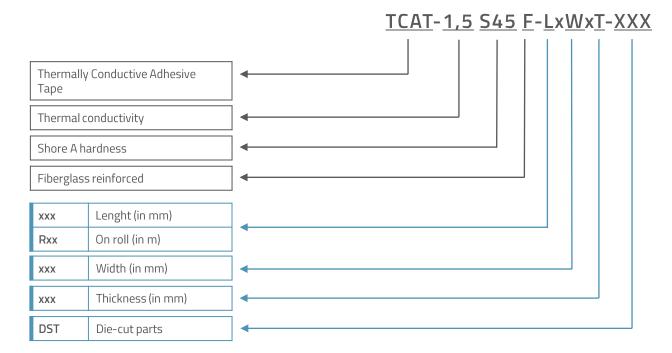


PRODUCT SPECIFICATIONS

PROPERTY	VALUE / TOLERANCE	TEST METHOD
THERMAL		
Thermal conductivity	1,5 W/m*K	ASTM D5470
ELECTRICAL		
Breakdown voltage	>8000 V/mm	ASTM D149
PHYSICAL		
Composition	Acrylic	-
Hardness	45 Shore A	ASTM D2240
Gravity	1,65 g/cm³	-
Color	White	Visual
Working temperature	-40 − 130 °C	-
Shelf Life	12 months	-
Thickness range	0,1-0,8mm	-
Tensile strength	6 Мра	ASTM D412
Reinforced carrier	Fibreglass	-



BUILDING AN ITEM NUMBER



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

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