



T10

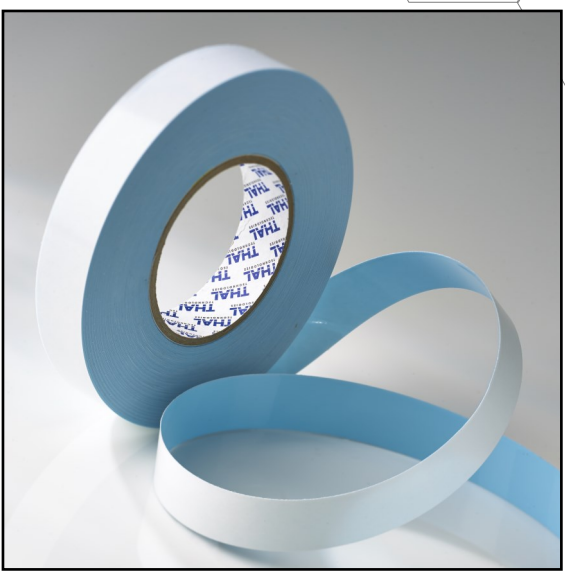
THERMAL CONDUCTIVE ACRYLIC TAPE

T10 is an electrically isolating thermal adhesive tape designed to mechanically fix and thermally connect electronic devices and FR4 PCBs to a heatsink.

Formulated from acrylic, T10 is pressure sensitive and the differing thicknesses conform to varying surface textures which fills micro-air voids between contact surfaces and reduces thermal resistance.

T10 is developed for applications requiring good thermal transfer, dielectric strength and permanent adhesion. T10 is simply to handle and apply.

T10 is available in thicknesses of 0.25mm and 0.5mm and as custom kiss-cut parts on rolls for starboards and as die-cut custom shapes.



Properties	Unit	T10-0250	T10-0500
Base material	-	Acrylic Ceramic filled free standing tape	Acrylic Ceramic filled free standing tape
Thickness	mm	0.25	0.50
Color	-	White	White
Thickness tolerance	%	10	10
Thermal Properties			
Thermal conductivity	W/mK	1.0	1.0
Operating temperature	°C	-25 up to 130	-25 up to 130

Ordering example:

T10-50-A2-L1

T = Tape / 10 = 1W/mK / 50 = 0.50mm thickness / A2 = Adhesive on both sides / L1 = liner on one side

THERMAL CONDUCTIVE ACRYLIC TAPE

Properties	Unit	T10-25	T10-50
Base material	-	Acrylic Ceramic filled free standing tape	Acrylic Ceramic filled free standing tape
Tested thickness	mm	0.25	0.50
Color	-	White	White
Thickness tolerance	%	10	10
Thermal Properties			
Thermal conductivity	W/mK	1.0	1.0
Operating temperature	°C	-25 up to 130	-25 up to 130
Electrical Properties			
Breakdown voltage	kV	>6000	V
Dielectric Strength	KV/0.5mm	3.0	6.0
Mechanical Properties			
Tensile strength	Kg/cm	0.1	0.1
Elongation	%	550	550
Peel Adhesion	(Kg/25mm) 30min R.T.	1.4	1.6
Shear adhesion	Kg/cm ²	3.5	4.0
Adhesive		Double sided	Double sided
Physical Properties			
Flame rating	UL94	V0	V0
Standard thicknesses	mm	0.25	0.50

The data presented in this leaflet are in accordance with the present state of our knowledge. All statements, technical information and recommendations herein are based on tests we believe to be reliable. The customer is thereby not absolved from carefully checking all supplies immediately on receipt. The recommendations made in this catalogue should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Before using, user shall determine the suitability of the product for its intended use, and the user assumes all risks and liability whatsoever in connection there with. We reserve the right to alter product constants within the

scope of technical process or new developments. The recommendations do not absolve the customer from the obligation of investigating the possibility of infringement of third parties right and, if necessary, clarifying the position. Sellers' and manufacturer' only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable either in tort or contract for any loss or damage, direct or incidental, or consequential, including loss of profits or revenue arising out of the use or the inability to use a product. No statement, purchase order or recommendations by seller or purchaser not contained herein shall have any force or effect unless in an agreement signed by the officers of the seller