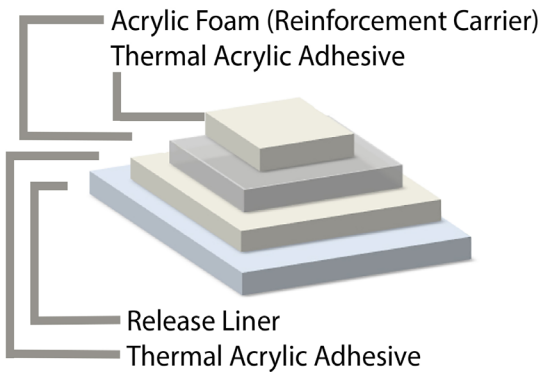




## TGJTC25

# Thermally Conductive Acrylic double-sided Adhesive Tape

Version 2.120218



### Thermally Conductive Acrylic double-sided Adhesive Tape

TGJTC25 is designed to provide a preferential heat-transfer path between heat-generating components and heat sinks or other cooling devices (e.g., fans, heat spreaders or heat pipes). The formulation of the tape allows it to wet to most surfaces, allowing them to conform well to non-flat substrates, provide high adhesion, and act as a good thermal interface material.

### Features

- High mechanical strength
- Improved surface wet-out for rough surface/LSE substrates
- Excellent shock performance
- Wider and longer roll is available
- Halogen free
- Ideal for thin bonding applications
- Good thermal transfer

### Applications

- Attachment of heatsinks
- Provide preferential heat transfer between heat generating components and cooling devices

### Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TGJTC25	Unit	Tolerance	Test Method
Colour	White	-	-	Visual
Thickness	0.25	mm	±0.05	ASTM D1000
	0.00984252	inch	-	ASTM D1000
Thermal Conductivity	0.8	W/mK	-	Hot Wire Method (QTM)
Density	1500	kg/m <sup>3</sup>	±100	-
Tensile Strength (T-block)	≥7000	gf/cm <sup>2</sup>	-	ASTM D897
Peel Adhesion 180°	≥2500	gf/cm <sup>2</sup>	-	ASTM D3330
Holding Power	≥12	hour	-	-
Temperature Tolerance	≥160	°C	-	-
	≥100			
Shelf Life (can be requalified for further 12)	12	months	-	-

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