

T-T-0.25 A2 - Double Sided Thermal Tape

DATASHEET



Double Sided Thermal Tape
T-T-0.25 A2

FEATURES

- Excellent Adhesion and Conformability
- High Adhesive Compression Ratio
- 0.8 W/mK
- Low Thermal Impedance
- Release Liner on one side for rolls, two sides for finished cut gaskets

APPLICATIONS

- Electronic appliances, LED lighting, hardware, printing and other manufacturing industries

PROPERTIES	TEST METHOD	UNIT	T-T-0.25 A2
Colour	Visual	-	White
Construction & Composition	-	-	Acrylic Polymer, Ceramic Powder, Silicone
Thermal Impedance	ASTM-D5470	°C in ² /W	0.86 (5PSI)
Specific Gravity (±0.2)	ASTM-D792	g/cm ³	1.7
Volume Resistance	ASTM-D257	Ohm-cm	10 ¹⁵ Ohm
Thermal Conductivity	ASTM-E1530	W/mK	0.8
Breakdown Voltage	ASTM-D149	kV	≥5
Thickness (±10%)	ASTM-D374	mm	0.25
Hardness (±20)	ASTM-D2240	Shore A	50
Adhesive (1000g/in ²)	-	minutes	10,000+
Working Temperature	-	°C	-40 to 120
Flammability Rating	-	UL94	UL94-V0
Hygroscopic Value	-	g	5.5 per 1000

Note:

1. Customised shapes are available;
2. The above performance data is tested in an environment of 70% humidity, temperature 25°C.
3. This data is intended for reference purposes only. It is recommended that the material is tested to fully evaluate its performance ensuring it is fit for purpose.

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