

T-T-0.25 A2 - DOUBLE SIDED THERMAL TAPE

DATASHEET



FEATURES

- Excellent Adhesion and Conformability
- High Adhesive Compression Ratio
- **0.6 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
Material	-	-	Acrylic polymer, Ceramic, Silicone
Colour	Visual	-	White
Thickness ($\pm 10\%$)	-	-	0.25
Thermal Conductivity	ASTM-D5470	W/mK	0.6
Hardness (± 5)	ASTM-D2240	Shore A	70
Flammability Rating	UL94	-	V0
Breakdown Voltage	ASTM-D149	kV	≥ 5.0
Specific Gravity	ASTM-D792	g/cm ³	1.7
Working Temperature	-	°C	-40 - 120
Volume Resistance	ASTM-D257	Ohm-cm	10 ¹⁵

THERMAL IMPEDANCE

Pressure (psi)	10	20	30	40	50	60
Thickness (mm)	0.25	0.24	0.23	0.22	0.22	0.21
Compression Ration (%)	0.4	5.2	8.4	11.2	13.6	16
Thermal Impedance (°C-in ² /W)	1.02	1	0.98	0.96	0.95	0.94

NOTES

- Customised shapes are available
- The above performance data is tested in an environment of 70% humidity, temperature 25 °C
- 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.

Publish date : 13/03/2020

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