



TGJTCA06B

Black Thermally Conductive Aluminum Foil Adhesive Tape

Version 2.1 20218

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TGJTCA06B 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 strength aluminum foil backing is durable and malleable to conform to uneven or irregular surfaces
- Acrylic adhesive features good "wetting out" capabilities to all surfaces
- Bonds extremely well to low surface energy materials and difficult textured surfaces
- Aluminum foil backing works well for EMI/RFI shielding applications
- Performs continuously over an extremely wide temperature range

Applications

- Printed circuit manufacture and repair
- Shielding applications in the electronics industry
- Low level EMI and RFI shielding applications

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TGJTCA06B	Unit	Tolerance	Test Method
Total Thickness	0.06	mm	± 0.01	Digital Upright Gauge
Adhesive Force	1000	gf/25mm	-	KS T 1028(SUS304)
Surface Resistance	≤ 0.1	Ω/sq	-	MIL DTL 83528C
Top-bottom resistance	≤ 0.1	Ω/in ²	-	MIL DTL 83528C
Using Temperature	-30 to 105	°C	-	ASTM D3330
Shelf Life (can be requalified for further 12)	12	months	-	-

T-Global Technology Limited
1 & 2 Cosford Business Park, Central Park,
Lutterworth, Leicestershire LE17 4QU U.K.

Tel: +44 (0)1455 553 510
Email: sales@tglobaltechnology.com
Web: www.tglobaltechnology.com
Skype: tglobal.technology
VAT #: GB 116 662 714

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