

Dr. Dietrich Müller GmbH, Zeppelinring 18, D-26197 Ahlhorn

Thermally Conductive Products

Thermiflex[®] TF 21407

Structure: Thermiflex[®] TF 21407 consists of a Polyimide film coated on both sides with an acrylic adhesive.

Characteristics: Thermiflex[®] TF 21407 has excellent thermal conductivity (0.45 W /mK) with very good insulating properties at high temperatures. Through the capability of adhesion, a clean and easy pre-assembly is assured.

Application: Thermiflex[®] TF 21407 is used for heat dissipation to ensure the performance of electronic assemblies.

Colour: Thermiflex[®] TF 21407 is available in brown opaque as standard.

Form of Supply: Thermiflex[®] TF 21407 is supplied on rolls (up to 900 mm wide).

Storage Conditions: Thermiflex[®] TF 21407 can be stored for at least 6 months in cool and dry conditions (20°C ,50% r. H.)

Stand January 2015

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info@mueller-ahlhorn.com | www.mueller-ahlhorn.com | Sitz der Gesellschaft: Ahlhorn
Geschäftsführer: Heinz-Jürgen Siebert | AG Oldenburg: HRB 209026 | Ust. ID-Nr.: DE 295969093
St.-Nr.: 68/207/07677 | Zertifiziert nach DIN EN ISO 9001:2008 | UL anerkannter Repacker E341377

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- Elektroisierstoffe
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- Wärmeleitprodukte
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Technical Data:	Norm	Unit	Value
Total Thickness	-	mm	0.078
Adhesive Strength	-	N/10mm	≥2 (each side)
Colour	-	-	brown
Temperature Limit	-	°C	180
Tensile Strength		N10/mm	60-75
Elongation	ASTM D412	%	50-60
Long Term Exposure	-	°C	- 60 to + 220
Dielectric Strength	ASTM D149	Kv/mm	≥8.0
Flammability	UL 94	-	Bu 1
Thermal Conductivity	ASTM E1461	W/mk	0.45

Trademark Information: Thermiflex[®] is a registered trademark of the company Dr. Dietrich Müller GmbH, Germany

Please note:

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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