

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

# Thermally Conductive Products

## Thermiflex® TF 21131

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**Characteristics:** Thermiflex® TF 21131 has a high dielectric breakdown voltage of >4,000 volts ac. It is fibreglass-reinforced and resistant to tears and punctures. It is coated on one side with self-adhesive

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**Application:** Thermiflex® TF 21131 is used for Electrical power generators, switching mode power supplier, signal amplifiers and AC/DC-DC Power converters.

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**Colour:** Thermiflex® TF 21131 is available in grey as standard.

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**Form of Supply:** Thermiflex® TF 21131 is supplied in standard rolls: width: 300 mm, length: 50m. Custom Die-cut parts are also available.

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Stand November 2014

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11  
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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- Elektroisolierstoffe
- Dichtungen
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## Thermiflex® TF 21131

Technical Data	Norm	Unit	Value
Colour	Visual	-	Grey
Thickness Range	-	mm	0.3 +/- 0.03
Hardness	ASTM D2240	Shore 00	75 +/- 5
Density	ASTM D792	g/cc	1.7
Tensile Strength	ASTM D412	KN/m	4.3
Elongation	ASTM D412	%	30
Continuous Use Temp	EN 344	°C	-40 to 150
Breakdown Voltage	ASTM D149	Kv	≥4.0
Volume Impedance	ASTM D257	ohm-cm	1.0 x 10 <sup>11</sup>
Weight Daminiy	@150°C 240H	%	≤1
Flame Rating	UL 94	-	V-0
Thermal Conductivity	ASTM E1461	W/m.k	0.8
ROHS, REACH			Compliance

**Trademark information:** Thermiflex® is a registered trademark of the 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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