Dr. Dietrich Müller GmbH
Zeppelinring 18
D-26197 Ahlhorn

Tel.: +49 (0) 44 35 - 97 10 10
Fax: +49 (0) 44 35 - 97 10 11
Info@mueller-ahlhorn.com

Thermal conductivity products

Thermiflex® TF 21074

Description:	Thermiflex® TF 21074 is a film-based insulator of high performance performance.
Properties:	Thermiflex® TF 21074 is a product with good push-through-properties and excellent thermal performance.
Applications:	Thermiflex® TF 21074 was developed as a substitute for ceramic insulators, e. g. beryllium oxide, boron nitride and aluminum oxide, but those insulators are very expensive and fracture easier in comparison to Thermiflex® TF 21074.
Colour:	beige
Delivery forms:	Thermiflex® TF 21074 can be delivered on a roll (up to approx. 400 mm width) or as a sheet (400 x 400 mm) as well as die-cut parts.
Storage conditions:	Thermiflex® TF 21074 should be stored in dry rooms at room temperature in its original packaging.

Dr. Dietrich Müller GmbH
Zeppelinring 18
D-26197 Ahlhorn

Tel.: +49 (0) 44 35 - 97 10 10
Fax: +49 (0) 44 35 - 97 10 11
Info@mueller-ahlhorn.com

Thermiflex® TF 21074

Property	Unit	Value
Total thickness	mm	0,15
Tolerance	mm	± 0,025
Fracture-resistance	kN/mm	5
Elongation	%	40
Hardness	Shore A	90
Tensile strength	N/mm²	34
Continuous service temperature	°C	-60 to +180
density	g/cm³	-
Thermal surface resistance	K mm²/W	115
Thermal conductivity	W/m K	1,3
Breakdown strength	kV	6,0

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 the 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.