

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

Insulation Material

Flexiso[®] DM FI 14000

Composition: Flexiso[®] DM FI 14000 consists of PET-film covered on one side with PET-fleece (DM) impregnated with high grade temperature resistant resin.

Properties: Flexiso[®] DM FI 14000 has excellent electrical and mechanical properties. The smooth surface of Flexiso[®] DM FI 14000 enables easy processing on automatic machines.

Application: Flexiso[®] DM FI 14000 is used as slot and phase insulation for low voltage machines or as interlayer insulation for transformers.

Form of Supply: Flexiso[®] DM FI 14000 is available on rolls up to a maximum width of 980 mm. Tapes are available with widths from 10 mm.

Storage Conditions: Flexiso[®] DM 14000 can be stored unlimited under normal conditions (20°C, 50%r.h.)

Stand Januar 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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Properties	Testmethod	Unit	Value	Value	Value	Value	Value
Nominal thickness	-	mm	0.19	0.25	0.30	0.36	0.41
Tolerance	IEC 626	mm	+/- 0.02	+/- 0.03	+/- 0.03	+/- 0.04	+/- 0.04
Basis Weight	IEC 626	g/m ²	218	308	393	463	533
PET-film	-	µm	125	190	250	300	350
Breakdown voltage	IEC 626	kV	≥7	≥15	≥18	≥18	≥22
Tensile strength	IEC 626						
MD		N/10mm	≥110	≥240	≥340	≥350	≥400
TD		N/10mm	≥75	≥140	≥300	≥300	≥350
Tensile strength after folding	IEC 626						
MD		N/10mm	≥75	≥140	≥300	≥300	≥350
TD		N/10mm	≥60	≥90	≥200	≥200	≥250
Thermal classification	IEC 216		F	F	F	F	F

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

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Information:

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