

electrical 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. Other delivery forms upon customer request.

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

Flexiso® DM FI 14000

Properties	Testmethod	Unit	Value				
			0.19	0.25	0.30	0.36	0.41
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	N/10mm	≥110	≥240	≥340	≥350	≥400
MD							
		N/10mm	≥75	≥140	≥300	≥300	≥350
TD							
Tensile strength after folding	IEC 626	N/10mm	≥75	≥140	≥300	≥300	≥350
MD							
		N/10mm	≥60	≥90	≥200	≥200	≥250
TD							
Thermal classification	IEC 216		F	F	F	F	F

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

Information:

All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Dr. Dietrich Müller GmbH makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. Dr. Dietrich Müller GmbH only obligations are those in the Standard Terms and Conditions of Sale for this product and in no case will Dr. Dietrich Müller GmbH be liable for any incidental, indirect or consequential damages arising from the sale, resale, use, or misuse of the product. Dr. Dietrich Müller GmbH Specifications are subject to change without notice. In addition, Dr. Dietrich Müller GmbH reserves the right to make changes in materials or processing without notification to the Buyer, which do not affect compliance with any applicable specification.

Dr. Dietrich Müller GmbH