

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

Electrical Insulation Materials

Flexiso[®] FI 17041

Description: Flexiso[®] FI 17041 is a four-ply insulating tape consisting of mica paper, unidirectional glass threads as longitudinal reinforcement and PET-film on both sides of the tape. A special modified acrylic resin is used as a binder. Flexiso[®] FI 17041 is highly flexible. This flexibility allows taping of small bends and difficult shapes.

Application: Flexiso[®] FI 17041 is especially suitable for the taping of overhangs and connections of low or high voltage machine coils with small bends.

Formats: Flexiso[®] FI 17041 is available on rolls of a maximum width of 980 mm and as tapes with a width from 10 mm. The standard widths are 15, 20 and 25mm

Storability: At normal storage conditions (20°C, 50% r. h.) Flexiso[®] FI 17041 generally has an unlimited shelf life. However at very long storage periods there could be a tendency to slight loss of pliability.

Stand August 2011

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Properties	Test method	Unit	Value	Value
Nominal thickness	IEC 60371-2	mm	0.13 +/-0.02	0.15 +/-0.02
Total substance	IEC 60371-2	g/m ²	161 +/-15	213 +/-16
Mica paper	IEC 60371-2	g/m ²	75 +/-8	120 +/-8
PET-film	IEC 60371-2	g/m ²	8 +/-1	8 +/-1
		µm	6	6
Glass threads	IEC 60371-2	g/m ²	18 +/-2	12 +/-2
PET-film	IEC 60371-2	g/m ²	17 +/-2	17 +/-2
		µm	12	12
Resin content	IEC 60371-2	g/m ²	43 +/-4	50 +/-5
Breakdown voltage	IEC 60243-1	kV	≥ 6	≥ 8
Tensile strength	IEC 60371-2	N/cm	≥ 100	≥ 100
Thermal class	IEC 60216-2	-	155 (F)	155 (F)

Trademark Information: Flexiso® is a registered trademark of 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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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

Dr. Dietrich Müller GmbH

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