

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

Electrical Insulation Materials

Flexiso[®] FI 17042

Description: Flexiso[®] FI 17042 consists of highly porous mica paper based on uncalcined muscovite and a PET-film as carrier. The binder is a hardener free epoxy resin. Flexiso[®] FI 17042 is a flexible tape suitable for hand and machine taping. Mechanical and electrical properties of the final insulation mostly depend on the impregnating resin. We recommend the impregnating resin Flexiso[®] FI 91000 + hardener Flexiso[®] FI 90000 if Flexiso[®] FI 14043 is used.

Application: Flexiso[®] FI 17042 is used in VPI-systems for continuous insulation of coils and bars of low and high voltage machines as well as for interlayer insulation in dry type transformers.

Formats: Flexiso[®] FI 17042 is available on rolls of a maximum width of 1000 mm and as tapes with a width from 10 mm.

Storability: Minimum 12 months at 20°C.
Minimum 24 months at 5°C.

Stand January 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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- Elektroisolierstoffe
- Dichtungen
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Properties	Test method	Unit	Value
Nominal thickness	IEC 60371-2	mm	0.13 +/-0.02
Total substance	IEC 60371-2	g/m ²	211 +/-20
Mica paper	IEC 60371-2	g/m ²	160 +/-15
PET-film	IEC 60371-2	g/m ²	42 +/-2
		µm	30
Resin content	IEC 60371-2	g/m ²	9 +/-3
Breakdown voltage	IEC 60243-1	kV	≥ 5
Tensile strength	IEC 60371-2	N/cm	≥ 40

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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