

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

## Electrical Insulation Materials

### Flexiso<sup>®</sup> PG FI 17072

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**Description:** Flexiso<sup>®</sup> PG FI 17072 is an uncalcined Mica paper that is made by a hydraulic separation process using the best quality of muscovite, which is first reduced to pulp and then made into the form of paper on rolls. It is mainly used for all kinds of mica sheets and tapes.

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**Delivery form:** Flexiso<sup>®</sup> PG FI 17072 is available on rolls of a width of 900 - 1040 mm with an inner diameter of 76 - 152 mm.

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Stand August 2011

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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
- Wärmeleitprodukte
- Technische Folien

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## Flexiso<sup>®</sup> PG FI 17072

Properties	Unit	Value	Value	Value	Value
Nominal weight	g/m <sup>2</sup>	90	170	250	350
Max. deviation (average value)	%	+/-3	+/-3	+/-3	+/-3
Max. deviation (single value)	%	+/-3	+/-3	+/-3	+/-3
Indicative thickness average	mm	0.055	0.1	0.15	0.22
Penetration average value s	≤	16	40	70	130
Dielectric strength	Kv/mm	≥14	≥14	≥14	≥14
Tensile strength	N/cm	≥5.2	≥4.4	≥5.5	≥7.0
Loss of Mass	%	≤0.4	≤0.4	≤0.4	≤0.4
Conductivity of aqueous extract	ps/cm	≤9	≤9	≤9	≤9

**Trademark Information:** Flexiso<sup>®</sup> 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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