

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

Electrical Insulating Material

Rigidiso® RI 40218

Structure: Rigidiso® RI 40218 is an Epoxy Glass fibre netting consisting of high strength E-glass yarn without wax, which is woven by special technology. It has the advantage of proportional spacing and fixing meshes. After coating with imported epoxy resin, the product provides good hardness and toughness properties, being able to meet the requirement of the technology for reinforcing moulding shape of dry transformers. It is an excellent reinforcing material suitable for the production process of dry transformers.

Technical Data:	Unit	Value
Thickness	mm	2.0 +/-10%
Length per roll	m	35
Width	m	0.2 ~ 1.2
Mesh Size (longitude x latitude)	mm	10 x 10
Resin Content	%	25 ~ 35
Tensile Strength	N	4200
Breakdown Voltage (Along the surface)	kV	18
Insulation Resistance	Ω	1.0 x 10 ¹²
Thermal Class	-	H
Water Absorbtion	%	<3
Colour	-	Natural and Red

Stand October 2011

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
 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

Dr. Dietrich Müller GmbH

- Elektroisierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien

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

Rigidiso[®] RI 40218

Trademark Information: Rigidiso[®] is a registered trademark of the company 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.

Stand October 2011

Zeppelinring 18 | D-26197 Ahlhorn | Tel.: +49 (0) 4435 97 10 10 | Fax: +49 (0) 4435 97 10 11
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

Dr. Dietrich Müller GmbH

- Elektroisolierstoffe
- Dichtungen
- Wärmeleitprodukte
- Technische Folien