

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

Electrical Insulation Material

Flexiso[®] FI 13014

Structure: Flexiso[®] FI 13014 is a milky, turbid, highly rugged polyester film. This film has good machine running properties, high dimensional stability and good flatness.

Properties	Norm	Unit	Value		
Thickness	-	µm	125	190	250
Yield	Intern	m ² /kg	5.7	3.8	2.85
Tensile Strength:	ASTM-D-882				
MD		daN/mm ²	21	20	19
TD		daN/mm ²	24	22	22
Elongation at Break	ASTM-D-882				
MD		%	131	173	183
TD		%	103	113	116
Roughness	Intern				
Ra		nm	41	28	46
Rz		nm	532	636	866
Light Transmission	ASTM-D-1003	%	51	40	40
Shrinkage (150°C for 30 min.)	Intern				
MD		%	1.8	1.4	1.4
TD		%	0.6	0.5	0.4
Dielectric Strength	ASTM-D-149	kV	22	22	22
Volume Resistance	ASTM-D-257	Ω.cm	3x10 ¹⁸	3x10 ¹⁸	3x10 ¹⁸

Trademark information: Flexiso[®] is a registered trademark of Dr. Dietrich Müller GmbH, Germany.

Stand Juli 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

Flexiso[®] FI 13014

Information:

All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their application. Dr. D. Müller GmbH makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. Dr. D. Müller GmbH only obligations are those in the Standard Terms and Conditions of Sale for this product and in no case will Dr. D. Müller GmbH be liable for any incidental, indirect or consequential damages arising from the sale, resale, use, or misuse of the product. Dr. D. Müller GmbH Specifications are subject to change without notice. In addition, Dr. D. 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.

Stand Juli 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