



FLUOROWRAP®

MA High Contrast Laser Mark-able

Engineered for High Performance Insulation

Extruded PTFE Film

FLUOROWRAP® MA High Contrast Laser Mark-able film is engineered to meet the most demanding requirements of the aerospace industry. FLUOROWRAP® MA exceeds OEM industry requirements for contrast levels before and after heat aging. Saint-Gobain's extrusion process provides the longest splice free/joint free lengths available for improved insulation integrity and higher physical properties that support faster tape wrapping speeds.

Features/Benefits

- Contrast Ratio: 65 % before heat aging, 50 % after heat aging
- Long length splice free/joint free films
- Tight thickness tolerance
- High tensile strength
- White Color
- RoHS and REACH compliant

Availability

FLUOROWRAP® MA films are available on industry standard 3" (76 mm) ID cores in-flat pad, traverse wound and StableEdge™ packages.

Slit widths are available at 0.10" (2.5 mm) or wider. Customized solutions available.

Applications

Laser marked aerospace wire and cable for on-board flight control, power, communication and entertainment systems.



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FLUOROWRAP® MA Properties

Performance tests are run using standard test procedures.
The values presented are typical values and should not be used for specification purposes.

Property	English Units	Metric Units
Thickness	3.0 mil	0.076 mm
Tolerance	+/- 5 %	+/- 5 %
Density	1.60 g/cm ³	
Tolerance	+/- 0.5 g/cm ³	
Tensile Strength MD (minimum)	2,900 psi	20 MPa
Tensile Strength TD (minimum)	247 psi	1.7 MPa
Elongation TD (minimum)	800 %	
Elongation MD (minimum)	60 %	
Contrast Initial	65 %	
Contrast after Heat Age	50 %	
Splice Free Roll Lengths	1,100 LY	1,000 M

FLUOROWRAP® and StablEdge™ are registered trademarks.



Saint-Gobain

AMERICAS

Tel: (800) 962-2666
(518) 686-7301

EUROPE

Tel: +44 (0) 1706-746900

ASIA

Tel: (886) 2-2503-4201

www.films.saint-gobain.com

AMERICAS: 14 McCaffrey Street, Hoosick Falls, NY 12090, USA

EUROPE: Bay 3 Transpennine Industrial Estate, Gorrels Way, Rochdale, OL11 2PX, UK

ASIA: Room 302,3F-1, 147 Jianguo North Road, Section 2, Taipei, Taiwan, 104

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Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse or inability to use this product(s).

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