



# 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

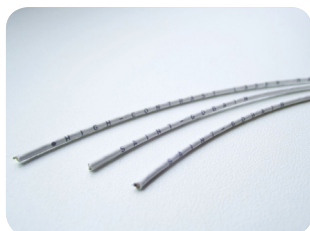
### Availability

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 <sup>3</sup>	
Tolerance	+/- 0.5 g/cm <sup>3</sup>	
Tensile Strength TD (minimum)	2,900 psi	20 MPa
Tensile Strength MD (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	1,199 LY	1,096 M

FLUOROWRAP® and StablEdge™ are registered trademarks.



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