



# FLUOROWRAP®

## mA Medium Contrast Laser Mark-able

Engineered for High Performance Insulation

## Extruded PTFE Film

FLUOROWRAP® mA Medium Contrast Laser Mark-able Film is engineered to meet the most demanding requirements of the aerospace industry. Saint-Gobain mA film meets the 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. FLUOROWRAP® mA films are manufactured with ASTM D4895 compliant resins.

### Features/Benefits

- Contrast Ratio: 60% before heat aging, 40% after heat aging
- Long length splice free/joint free films
- Tight thickness tolerance
- High tensile strength
- White color
- RoHS and REACH compliant

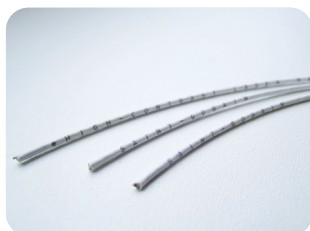
### Availability

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 from 0.10" (2.5 mm) and wider. Customized solutions available.

### Applications

Laser marked aerospace wire and cable construction 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	2.5 mil	0.064 mm
Tolerance	+/- 5 %	+/- 5%
Density	1.60 g/cm <sup>3</sup>	
Tolerance	+/- 0.5 g/cm <sup>3</sup>	
Tensile Strength MD (minimum)	2,900 psi	20 MPa
Tensile Strength TD (minimum)	247 psi	1.7 MPa
Elongation MD (minimum)	60 %	
Elongation TD (minimum)	800 %	
Contrast (Initial)	60 %	
Contrast (after heat age)	40 %	
Splice Free Roll Lengths	1,100 LY	1,000 M

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### Saint-Gobain

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