

# Norton® FluoroLease® A Release Film



Saint-Gobain Performance Plastics is pleased to introduce FluoroLease® A Release Film for use in production of autoclaved composite components. Produced using proprietary production technology, FluoroLease A is the world's first multi-layer FEP release film designed to provide a combination of performance and economy to meet the demanding needs of composite manufacturers worldwide. Saint-Gobain has created a technology that provides the preferred release surfaces of FEP while offering the economies of other release film technologies.

FluoroLease A Release Film offers a 50% increase in yield vs. standard FEP in a 0.001" thick product allowing use of the thicker gauges for easier handling in lay-ups. This film has been approved by leading aircraft OEM's for use in autoclave cycles with resin systems using cure temperatures of 190°C (375°F). FluoroLease® A has been demonstrated effective in cure temperatures to 232°C (450°F) and post cures to 260°C (500°F)

FluoroLease A Release Film is available through your authorized Saint-Gobain distributor.

## Mechanical Properties

FluoroLease® Multi-Layer Film			
	ASTM Method	1-mil MD	1-mil TD
Thickness			
Tensile Strength, psi	D-882	3,700	3,300
Elongation at Break, %	D-882	260	500
Tensile Modulus, psi	D-882	18,000	26,000
Initial Tear Strength, lb.	D-1004	0.7	0.7
Thickness		1 mil	
Area Yield, ft <sup>2</sup> /lb.		136	

## Features/Benefits

- Conformable structure utilizing FEP polymer technology
- Product Availability
  - 0.001" x 48"
  - 0.001" x 60"
  - 0.002" x 48"
  - 0.002" x 60"
- OEM Specification Approvals available on request

For more information please contact us at:

Saint-Gobain Performance Plastics Corporation  
 150 Dey Road • Wayne, NJ 07470 • USA  
 Tel: (973) 696-4700 • Fax: (973) 696-4056  
[www.fff.saint-gobain.com](http://www.fff.saint-gobain.com)  
 E-mail: [sgpl.marketing@saint-gobain.com](mailto:sgpl.marketing@saint-gobain.com)

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**Limited Warranty:** For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation 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). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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