

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) with short term spikes up to 205°C (400°F).

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

Mechanical Properties

Thickness	FluoroLease® Multi-Layer Film				FEP Film	
	1-mil MD	1-mil TD	2-mil MD	2-mil TD	1-mil	2-mil
Tensile Strength, psi	5,000	5,000	3,900	3,900	5,000	5,000
Elongation at Break, %	240	450	370	490	240	240
Tensile Modulus, psi	70,000	50,000	50,000	33,000	70,000	70,000
Initial Tear Strength, lb.	0.7	0.7	1.2	1.2	0.7	0.7
Thickness	1 mil		2 mil		1 mil	2 mil
Area Yield, ft ² /lb.	136		82		90	45

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:

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IMPORTANT NOTE TO PURCHASER: Values shown are typical and are not to be used for specifications.

All data is subject to change without notice. Before using, the user should determine the suitability of the product for its intended use, and the user assumes all risk and liability in connection therewith. Specifications subject to change without notice.

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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