

5000 Series Film Release Liners



The Saint-Gobain Performance Plastics 5000 Series of film release liners are based on **Tin (Sn) Catalyzed Silicone** release coatings designed for easy and controlled releases for multiple-film bases.

Easy Release (≤ 30 grams per 2" peel)

- **5008**—Specially designed for polystyrene.
- **5009**—Designed for use on paper.
- **5014**—For thermo formables. Designed for polyolefin.
- **5018**—Our most popular, suitable for most films. Excellent optical properties.

Moderate Release (30-100 grams per 2" peel)

- **5029**—Moderate release used with super clear polyester.
- **5030**—Moderate release on polyester or paper.

Tight Release (> 100 grams per 2" peel)

- **5032**—Tight release for use on polyester.
- **5035**—Tight release for use on polyester.

Custom Release

Custom formulations are available. Contact your sales representative for more information.

Advantages

- Easy, smooth release
- Compatible with most adhesives
- Excellent clarity and optics
- Multiple film bases and gauges
- Thermo formable formulations available

Limitations

- Limited availability on heat-sensitive films
- Not ideal for solvent-sensitive films
- Poor abrasion resistance
- Longer process time and lead time
- Not available for Coated Two Sides (C2S) products
- Not FDA-compliant



Optically clear liner for rear window college banner.

5000 Series Film Release Liners are available in either of the following formats:

OPTILINER™

Film Release Liners feature ultra-smooth, optically clear films designed for the optical products market.

SUPRALINER™

Film Release Liners are designed for general purpose use and feature low silicone transfer to avoid compromising adhesive formulations.

Film Selection Guide*

Film	Gauge	Market	Applications	Key Properties
Polyester (PET)	48-500	Label	Roll Label, Overlaminates, Beverage, Pharmaceutical, Toiletries, Health & Beauty	High Tensile and Tear, Smoothness, Clarity, Gauge Control, Temperature Resistance, Recyclable, Back Side Printable, Mechanically Stable, COF, Spliceable
		Decal Graphic	Transfer Lettering, Domed Label, Window Graphics	
		Industrial	Solar, Gaskets, Nameplate, Automotive, Construction, Composites, Free Adhesives	
		Tape	One/Two Side, Transfer	
		Medical	Transdermal, Hyrogels, Wound Care, EKG, Hygiene	
Polypropylene (PP)	160-200	Tape	One/Two Side, Transfer	Clarity, High Tensile and Tear, Smooth, Gauge Control, Recyclable, Low Cost
		Label	Roll Labels, Overlaminates	
Polystyrene (PS)	500-1000	Medical	Hydrogels, Wound Care, EKG	Embossable, Thermoformable, Stiffness, Back Side Printable
		Label	Piggyback	
Polyvinyl Chloride (PVC)	300-500	Medical	Transdermal, Hydrogels, EKG	Embossable, Thermoformable
Polyethylene (PE)	100-1500	Tape	One/Two Side, Transfer	Embossable, Tear Resistance, Conformable, High Yield, Low Cost
		Medical	Wound Care, Hygiene	
		Industrial	Construction, Gasket, Automotive	

*The optimum combination of your liner chemistry and substrate material will be determined in consultation with our Research and Development staff and your salesman. This chart is only a preliminary guide.



Saint-Gobain Performance Plastics
Advanced Films and Fabrics—The Americas
717 Plantation Street
Worcester, MA 01605
Tel: (508) 852-3072
Fax: (508) 852-3759

Saint-Gobain Performance Plastics
Advanced Films and Fabrics—Asia
Suite 1203, No. 147
Chienkwo North Road Section 2
Taipei Taiwan, 104
Taiwan
Tel: 886 (2) 25034201
Fax: 886 (2) 25034202

Saint-Gobain Performance Plastics
Advanced Films and Fabrics—Europe
Units 1 & 2, Bay 3
Transpennine Trading Estate
Gorrels Way
Rochdale OL11 2PX
United Kingdom
Tel: 44-1706-746918
Fax: 44-1706-746991

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product to be free from defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risk, if any, including the risk of injury, loss or damage, direct or consequential, arising out of the use, misuse, or inability to use, this product. THIS WARRANTY IS IN LIEU OF THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. No deviation is authorized.



Saint-Gobain Performance Plastics Corporation assumes no obligations or liability for any advice furnished by it, or for results obtained with respect to those products. All such advice is given and accepted at the buyer's risk.