6000 Series Film Release Liners

The Saint-Gobain Performance Plastics 6000 Series of film release liners are based on **Platinum (Pt) Catalyzed Silicone** release coatings designed for easy and controlled releases for multiple-film bases.

Easy Release (≤ 30 grams per 2" peel)

- **6005–**For use on hazy and clear polyester.
- **6010–**For use on polyethylene.
- **6013–**For easy, controlled release.
- **6113–**FDA-compliant, similar to 6005.
- **6313–**FDA-compliant thermo-formable release.

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

- **6020–**Medium to tight release. Good for use in differential release products. Very stable, good optics.
- **6118A–**Moderate release system with exceptional optical clarity.

Tight Release (> 100 grams per 2" peel)

- **6024–**Tight release specially designed for low tack, low peel PSAs and industrial casting.
- **6026–**Tight release specially designed for casting liner applications and for low tack, low peel PSAs.
- **6122A–**FDA-compliant, tight release designed for use with hydrogel-type adhesives.

Custom Release

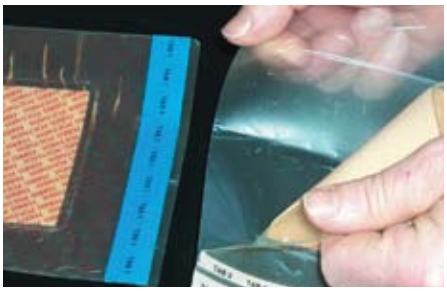
Custom formulations are available. Contact your sales representative for more information.

Advantages

- FDA-compliant systems available
- Non-blocking
- Compatible with most adhesives
- Controlled release levels
- Excellent backside printability
- Excellent clarity and optics
- Better abrasion resistance
- Two side and differential releases
- No post curing

Limitations

- Not suitable for some heat-sensitive films
- Not ideal for solvent-sensitive films



FDA-compliant liner for hydrogel wound dressing.

6000 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.

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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.

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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 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.

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