

8000 Series Film Release Liners



The Saint-Gobain Performance Plastics 8000 Series of film release liners are based on **Ultraviolet (UV) Cured Silicone** release coatings designed for easy and controlled releases for multiple-film bases. The 8000 Series also exhibits excellent solvent resistance and uniform web release.

Easy Release (≤ 30 grams per 2" peel)

- **8000**—FDA-compliant, for use on polyethylene and hazy polyester.
- **8005**—Designed for maintaining stable release against highly aggressive adhesives.
- **8308**—Designed as an easy release for self-wound and over-laminate applications.
- **8310**—FDA-compliant, for use on polyethylene and hazy polyester.
- **8313 and 8322**—FDA-compliant, for use on optical quality polyester and polypropylene. Exhibits silicone transfer while maintaining a long shelf life.
- **8318**—Designed for easy release, long shelf life, and superior solvent resistance.

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

- **8700**—Designed for moderate release for industrial casting applications.
- **8706**—Designed as a moderate release for use on polyolefin substrates. Good for use with low tack and peel PSAs and for industrial casting.
- **8717**—Easy/moderate release. Designed for use with hot melt adhesives. Exhibits low silicone transfer.
- **8719**—Easy/moderate release that is slightly tighter than 8717. Designed for use with hot melt adhesives. Exhibits low silicone transfer.

Tight Release (> 100 grams per 2" peel)

- **8752B1**—Tight release. Designed for use in various casting applications. This coating exhibits optical quality and excellent surface smoothness.
- **8780, 8790, 8798**—Tight silicone release coatings that exhibit optical quality and surface smoothness. Designed for use in various casting applications.

Custom Release

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

Advantages

- Optical visual quality
- Glossy, smooth coating
- Compatible with most adhesives
- FDA-compliant formulas
- Excellent for temperature-sensitive films
- Excellent abrasion and solvent resistance.
- Differential and controlled release formulations
- Excellent shelf life

Limitations

- Not suitable for highly aggressive solvent acrylic-based PSA's



Optically clear liners for Personal Care Packaging labels.

8000 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.



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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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