

# 7000 Series Film Release Liners



The Saint-Gobain Performance Plastics 7000 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 7000 Series also exhibits excellent solvent resistance and uniform web release.

## Easy Release (≤ 30 grams per 2" peel)

- **7005**—All purpose, easy release, compatible with most films.
- **7015**—FDA-compliant, for use on most film bases.
- **7600**—FDA-compliant, low silicone migration, compatible with selected films.
- **7612**—Easy release system designed for use in roofing/mastic applications.
- **7826**—Designed for easy release on high density polyethylene.
- **7818**—Designed for stable release against highly aggressive acrylic adhesives.

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

- **7540A**—FDA-compliant, moderate release for polyolefin and polystyrene.
- **7721**—Designed for differential and controlled release on polyethylene film.
- **7744**—Smooth epoxy release for most film bases.
- **7754**—Moderate release designed for use on various substrates with various adhesives.

## Custom Release

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

## Advantages

- No solvent emissions or residual solvent
- FDA-compliant formulations
- Easy, smooth release
- Compatible with almost all adhesives
- Controlled release formulations
- Differential release constructions
- Excellent for temperature-sensitive films
- Excellent abrasion and solvent resistance
- Excellent shelf life

## Limitations

- Expensive raw materials



Easy release liner for transportation vehicle graphic.

**7000 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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