

3000 Series Film Release Liners



The 3000 Release System is a non-silicone system that provides premium release against selected acrylic and rubber-based, pressure-sensitive adhesive systems. The 3000 System contains **no silicone** and is therefore utilized in applications and markets where silicone liners and or the presence of silicone is not suitable.

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

- **0157**—Carbamate system release. Good for most acrylic and rubber adhesives
- **0206**—Polyvinylacetate system release. Good for use with acrylic adhesives.

Due to the unusual nature of these release chemistries, customers must trial “fit for use.”

Advantages

- FDA-compliant systems available
- Non-blocking
- Compatible with selected silicone adhesives
- Controlled release levels
- Excellent backside printability
- Excellent clarity and optics
- Better abrasion resistance
- NO SILICONE
- No post curing

Limitations

- Not suitable for some heat-sensitive films
- Not ideal for solvent-sensitive films
- Not ideal for acrylic adhesive systems



Thermal transfer label on matte finish release liner.

3000 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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