



Thermally Cured Silicone Release Liners 5000, 6000 & 9000 Series

Saint-Gobain Performance Plastics offers three series of release liners that are based on thermally cured chemistries. Our 5000 and 6000 Series includes multiple coatings designed for easy and controlled release performance. All coating series exhibit a smooth uniform surface, provide excellent optics, and can be used with a variety of adhesives.

- 5000 Series – Sn (Tin Catalyzed Silicone Release)
- 6000 Series – Pt (Platinum Catalyzed Silicone Release)
- 9000 Series – Pt (Platinum Catalyzed Fluorosilicone Release)

Advantages

- Easy-moderate-tight release options
- Smooth uniform surface
- Excellent clarity and optics
- Multiple film bases and gauges
- Excellent adhesion to base film
- Good solvent resistance
- 6000 and 9000 Series can be coated on two sides (C2S)
- 6000 and 9000 Series options available for medical applications
- 9000 Series designed for use with silicone pressure-sensitive adhesives

Limitations

- 6000 and 9000 Series have limited availability on heat-sensitive films
- Not ideal for solvent-sensitive films
- 5000 Series not suitable for Coated Two Sides (C2S) products
- 9000 Series has one release level (Easy release)



NORFILM™ Thermally Cured Silicone Release Liners*

Film	Gauge	Market	Applications	Key Properties
Polyester (PET)	92-1400	Label Decal Graphic Industrial Tape Medical	Roll Label, Overlaminates, Beverage, Pharmaceutical, Toiletries, Health & Beauty Transfer Lettering, Window Graphics Solar, Gaskets, Nameplate, Automotive, Construction, Composites, Free Adhesives	High Tensile and Tear Resistance Excellent Smoothness High Clarity Gauge Control Temperature Resistance Recyclable Back Side Printable Mechanically Stable Spliceable
Polystyrene (PS)	750-1000	Medical Label	Hydrogels, Wound Care, EKG Piggyback	Thermoformable Good Stiffness Back Side Printable
Polyvinyl Chloride (PVC)	800-1000	Medical	Transdermal, Hydrogels, EKG	Thermoformable
Polyethylene (PE)	100-2300	Tape Medical Industrial	One/Two Side, Transfer Wound Care, Hygiene Construction Gasket, Automotive	Tear Resistance Conformable High Yield

*Represent typical performance properties and should not be used for specification purposes

Contact your Saint-Gobain Performance Plastics representative for more information.



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