

## BLOWN FILMS



Loparex has multiple blown film lines in the U.S. with a wide range of capabilities to produce various plastic films. Each film resin type provides a unique blend of properties. Loparex blown films are available from 1.2 to 14.0 mils, in multiple colors, at a maximum width of 92 inches, depending upon resin, caliper and width produced.

Combining blown film production with our vast knowledge of silicone coating, Loparex can custom engineer a release liner solution for a broad range of end use applications. Below are some of the film types and additives available:

### FILM TYPES

LDPE Low Density Polyethylene

HDPE High Density Polyethylene

EVA Ethylene Vinyl Acetate Copolymer

PP Polypropylene

### CHARACTERISTICS

- Wide range of products to meet different needs (optics, strength, toughness, etc.)

- Premium barrier grades available for WVTR critical applications

- Excellent toughness
- Lower heat seal initiation temperature than LLDPE

- Excellent toughness
- High crystallinity but relatively low density
- Can withstand higher heat ranges than most other films

### ADDITIVES

Colorants

### CHARACTERISTICS

- Custom color matching
- Non-heavy metal pigments available
- FDA approved pigments available

Anti-static agents

- Available per customer specification

Anti-microbial agents

- Designed to be effective against bacteria, fungi, and algae

“Peel-able” seal agents

- Disrupt sealant layer to create a clean “peel-able” seal

### ADVANTAGES OF BLOWN FILMS FROM LOPAREX

#### Vast knowledge in release liner industry

- Experienced R&D Staff and Manufacturing personnel
- Industry leading silicone capabilities

#### Improved Silicone Adhesion

- Films are engineered to facilitate silicone anchorage
- Corona treated during blowing process

#### Improved Service

- Most resins on hand
- Inventory of primary film types, colors and calipers maintained

#### Improve Quality

- Superior layflat film
- Virgin raw materials
- Superior color matching capabilities
- Color consistency lot-to-lot, batch-to-batch
- Lower extractables

#### Domestic Source

- Stability and less risk

# GLOBAL MANUFACTURING AND SERVICE

Our manufacturing and service facilities are strategically located throughout the world to service customers on an international basis. The result is maximum operational efficiency and reduced new product development cycle time. All Loparex products can be delivered globally, at the best possible value to you.

	ASIA-PACIFIC	EUROPE	NORTH AMERICA
<b>PAPER</b>			
Glassine	•	•	•
SCK	•		•
Clay-coated	•	•	•
Polycoated	•	•	•
Latex saturated			•
<b>FILM</b>			
Polyethylene	•	•	•
Polyester	•	•	•
Polypropylene			•
Polystyrene			•
<b>COATINGS</b>			
Solvent	•	•	•
Solvent-free	•	•	•
Ultra-Violet (UV)	•		•
Emulsion		•	•
Electron Beam (EB)			•
<b>PRINTING</b>	•	•	•
<b>SLITTING</b>	•	•	•
<b>SHEETING</b>			•
<b>PILOT LAB</b>		•	•

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# LOPAREX

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