



# Film *Solutions*



**Piedmont Plastics®**

where solutions take shape



# Why Piedmont?

## WE OFFER

- ✓ **Over 50 Branch Locations**
- ✓ **Expert Product Knowledge**
- ✓ **Local Inventory & Value-Added Services**

## WHO WE ARE

**At Piedmont Plastics®, our recipe for success for over 50 years has been excellent customer service, local, knowledgeable employees, and competitive prices on the world's best brands.**

In that time, we have grown from a local supplier of basic plastic shapes and films, to one of the leading plastic distributors in North America.

With a reputation for integrity that permeates every aspect of our business, we have established a legacy of customer service and product quality. We embrace every opportunity to promote enjoyable, profitable relationships with our customers, employees and suppliers.

**With over 50 distribution centers throughout North America, chances are, we have what you need, when you need it... FAST.**



## OUR COMMITMENT

Customer service is a core value of Piedmont Plastics.

We are committed to providing every customer with the highest level of service in the industry. This commitment reaches far beyond simply providing you with our knowledgeable sales representatives and the right product mix. Through our dedication to this goal, our customers have come to rely on us for:

- On-Time Shipping
- Industry Expertise
- Quality Management Systems
- Premier Brands
- State-of-the-Art Conversion Equipment

*the*  
**PREMIER CHOICE**  
*for your film needs*

Find more solutions at  
[www.piedmontplastics.com](http://www.piedmontplastics.com)





# Film Capabilities & Assets



## EQUIPMENT & MATERIAL CAPABILITIES

Piedmont Plastics® operates two ISO 9001:2015 Certified film conversion centers capable of meeting the diverse needs of markets across the country. Piedmont's capabilities and assets continue to expand to meet the growing needs of the plastic film market. In addition to providing raw film materials, Piedmont Plastics® is proud to provide complete conversion services to our customers.

CAPABILITIES	CHARLOTTE, NC	CHICAGO, IL
Sheeting	55" Beck (54" x 142") (tolerance $\pm 1/4$ ")	55" Beck (54" x 142") (tolerance $\pm 1/4$ ")
	62" Beck (61" x 142") (tolerance $\pm 1/4$ ")	62" Beck (61.5" x 144") (tolerance $\pm 1/4$ ")
Guillotine	100" Lawson (tolerance $\pm 1/16$ ")	2" - 87" Lawson (tolerance $\pm 1/16$ ")
	110" Lawson (tolerance $\pm 1/16$ ")	-
Slitting	62" Dusenberry (widths 1.75" - 62") (tolerance $\pm 1/16$ ")	62" Dusenberry (widths 1.5" - 62") (tolerance $\pm 1/16$ ") 22" O.D. (500 lb rolls)
	80" AWD (widths 2.75" - 80") (tolerance $\pm 1/16$ ")	65" Genesis (widths 1.5" - 65") (tolerance $\pm 1/16$ ") 30" O.D. (500 lb rolls)
	50" Compact (widths 1" - 50") (tolerance $\pm 1/16$ ")	-
Laminating	-	60" Walco (widths 1" - 60") Roll-to-Sheet; Sheet-to-Sheet

## CONVERSION SERVICES

- **Clean Room Conversion:** Isolated conversion rooms to reduce the possibility of contamination.
- **Precision Guillotine Cutting:** Converting process whereby sheets of film are precision square-cut to varying lengths and widths.
- **Inventory Management:** Scalable inventory amounts to meet the needs of customers.
- **Sheeting:** Converting process whereby a wide format roll of film is cut to varying lengths.
- **Slitting:** Converting process whereby a wide format roll of film is slit or converted to varying lengths and widths.
- **Rewinding:** Winding down a master roll to custom roll sizes.
- **Pre-Masking:** Process of protecting a surface from contamination or scratching.
- **Laminating:** Process of adhering a pre-mask or adhesive to a substrate.
- **Tipping:** May be required for offset/litho printing. Attaching a sheet of white offset paper to one side of the plastic sheet along one edge using a thin line of aqueous based adhesive. This allows for glossy material to be fed through an offset press.
- **Interleaving:** Process whereby a thin tissue paper is placed between sheets of clear plastic film to prevent scratching. This is done during the sheeting process.



# Polycarbonate (PC)

## DESCRIPTION

**Polycarbonate film is 30 times stronger than acrylic, offers exceptional clarity and is easily thermoformed and molded.**

Compatible with most ink, including screen print, polycarbonate film is an ideal printing medium since it can be dried quickly at elevated temperatures and can be formed hot or cold.

## QUALITIES

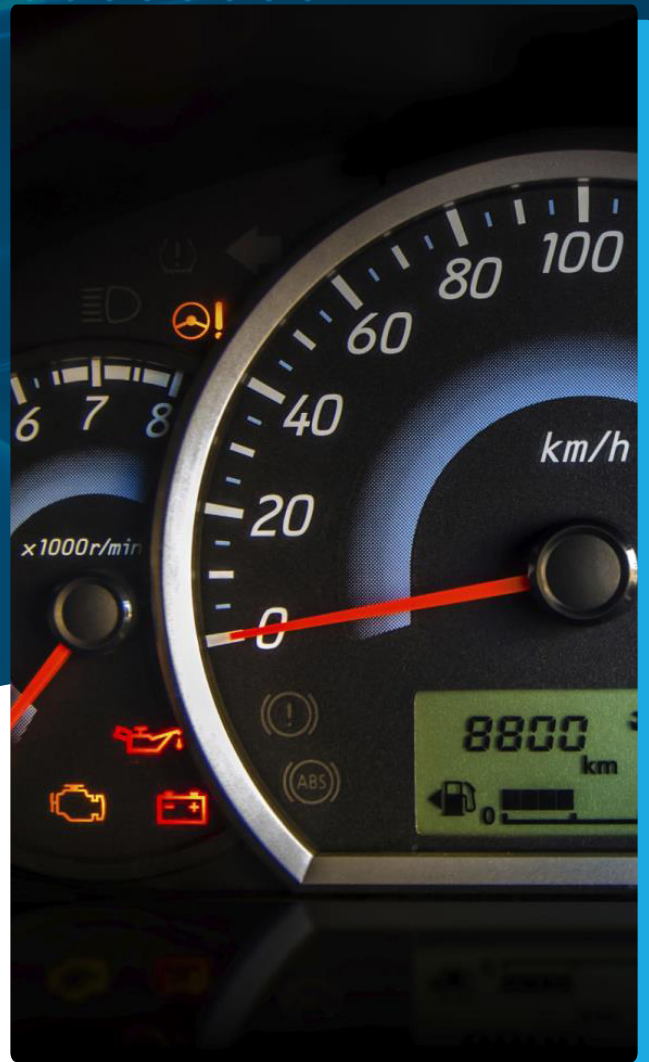
- UV Resistant
- Hard-coated
- Light Management
- Low Stress
- Scratch Resistant
- Flame Retardant

## BENEFITS

- High Impact Strength
- Excellent Durability
- Variety of Finishes
- Ease of Printing
- Ease of Die-Cutting
- High Heat Resistance (275°F / 135°C)
- Thermoformability

## CONSIDERATIONS

- Cost
- Moisture Absorbing



## GAUGES, COLORS & FINISHES

### Gauges

.005" - .030"

### Colors

White, Translucent, Opaque, Clear

### Finishes

Gloss, Matte, Very Fine, Velvet, Fine Velvet, Velvet in any combination

## APPLICATIONS

- Membrane Switches
- Menu Strips
- Decals
- Nameplates
- Appliances
- Automotive
- Point-of-Purchase
- Optical
- Trade Show Displays
- Control/Instrument Panels



# Rigid Vinyl

## DESCRIPTION

Rigid vinyl is a PVC film available in a matte or gloss texture.

It is a highly versatile and low cost film used in many applications including food and non-food packaging, signage and bank, gift, or loyalty cards. The material is ideally suited for screen printing, lithographic and flexo printing.

## QUALITIES

- Scratch Resistant

## BENEFITS

- Lower Costs
- Tear Resistant
- Readily Available
- Easy to Process
- Wide Variety of Colors/Textures

## CONSIDERATIONS

- Not Weatherable
- Low Service Temperature (140°F / 60°C)



## GAUGES, COLORS & FINISHES

### Gauges

.003" - .030"

### Finishes

Gloss, Textured

### Colors

Clear, White, Planished, Various Other Colors

## APPLICATIONS

- Credit Cards
- Gift Cards
- Business Cards
- Packaging Blister Packs
- Point-of-Purchase







# Polycarbonate (PET)

## DESCRIPTION

**Polyester film (PET) is a highly versatile material offering great durability and strength, heat resistance and dimensional stability.**

Polyester film is available in various custom widths and thicknesses with many different coatings and haze levels, making it the ideal film solution for many applications.

## QUALITIES

- Anti-Static
- Slip Treated

## BENEFITS

- Versatility
- Excellent Strength
- Barrier Properties
- Good Tear and
- Thermal Stability (275°F / 135°C)

## CONSIDERATIONS

- UV Stability
- Not Formable
- Limited Thicknesses
- Poor Clarity in Thicker Gauges



## GAUGES, COLORS & FINISHES

### Gauges

.00048" - .014"

### Colors

Clear and White

### Finishes

Super Clear, Hazy, Matte, Anti-Static, Slip

## APPLICATIONS

- Screen print
- Optical
- Appliances
- Wire and Cable
- Electronics
- Protective Labels
- Die-Cutting
- Point-of-Purchase
- Nameplates
- Packaging
- Membrane Switches



# Polystyrene

## DESCRIPTION

Polystyrene offers exceptional dimensional stability, processability, rigidity and optical clarity, making it ideal for many applications from medical devices to houseware.

Polystyrene film is a highly versatile material. It is used in a wide variety of applications, including those that require FDA compliance.

## QUALITIES

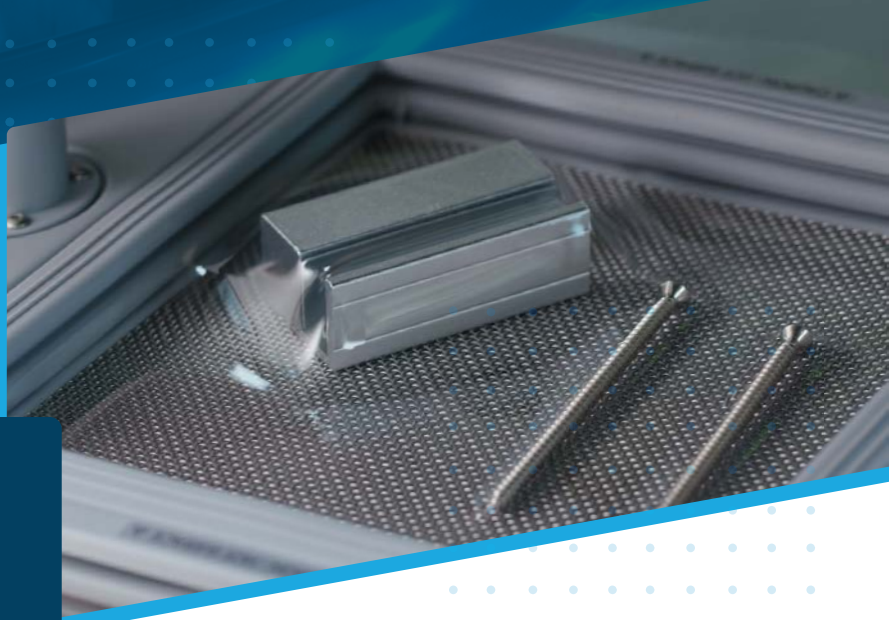
- Thermal Stability
- Low Moisture Absorption

## BENEFITS

- Cost
- Easily Thermoformed
- Easily Allowable for Contact

## CONSIDERATIONS

- Easily Scratched or Torn
- Not UV Resistant
- Low Heat Distortion (140°F / 60°C)
- Die Cuts Poorly
- Will Crease



## GAUGES, COLORS & FINISHES

### Gauges

.003" - .030"

### Finishes

Textured, Matte

### Colors

White, Natural, Custom

## APPLICATIONS

- Point-of-Purchase
- Backlit Signs
- Coupons
- Temporary ID Cards
- Formed Packaging
- Office Products
- Food Packaging





#### YOUR LOCAL BRANCH

##### **Charlotte**

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800.277.7898 Toll Free  
704.597.8200

**For a full list of locations, visit**  
[piedmontplastics.com/locations](http://piedmontplastics.com/locations)

*We're closer than you think.*

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