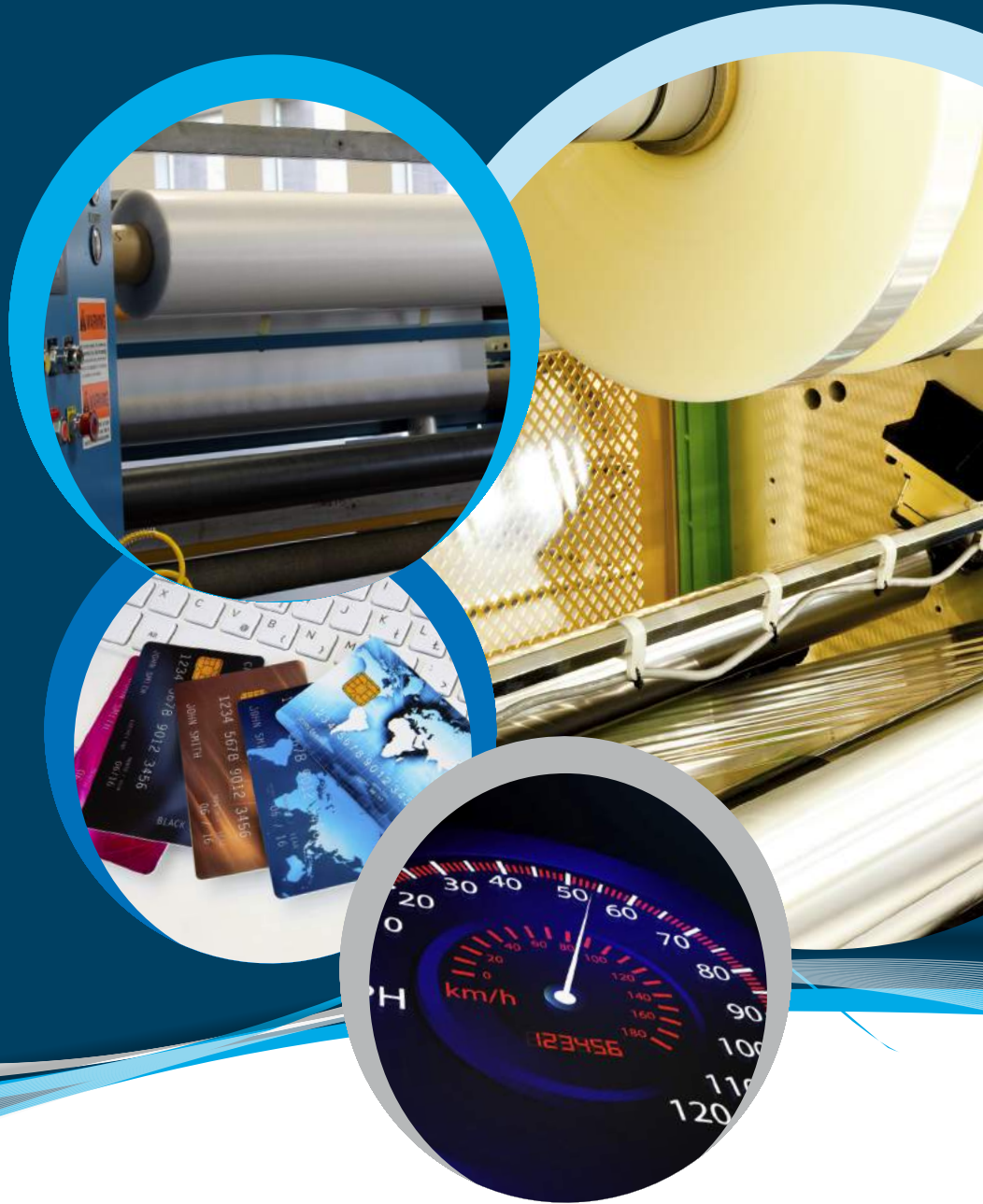


Film Solutions




Piedmont Plastics®

where solutions take shape

www.piedmontplastics.com

Why Piedmont

- Excellent customer service
- Local, knowledgeable employees
- Competitive prices on the world's best brands



At Piedmont Plastics®, this has been our recipe for success for over 45 years. 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 who depend on us.

With over 40 distribution centers throughout North America, we strive to provide you with the products and services to address your daily needs as well as aid you in providing solutions for your film projects.

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 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

 **Piedmont Plastics®**

where solutions take shape

Find more solutions at:
www.piedmontplastics.com

Film Capabilities & Assets

Piedmont Plastics® operates two ISO Certified film conversion centers capable of meeting the diverse needs of markets across the country. Our film conversion centers specialize in converting and distributing film to the specifications your application requires. 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 which include:

- **Clean Room Conversion:** Isolated conversion rooms to reduce the possibility of contamination.
- **Precision Guillotine Cutting:** A converting process whereby sheets of film are precision square-cut to varying lengths and widths.
- **Interleaving:** A process whereby a thin tissue paper is placed between sheets of clear plastic film to prevent scratching. This is done during the sheeting process.
- **Sheeting:** A converting process whereby a wide format roll of film is cut to varying lengths.
- **Slitting:** A converting process whereby a wide format roll of film is slit or converted to varying lengths and widths.
- **Pre-Masking:** The process of protecting a surface from contamination or scratching.
- **Laminating:** Process of adhering a pre-mask or adhesive to a substrate.
- **Tippling:** 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.
- **Rewinding:** Winding down a master roll to custom roll sizes.
- **Inventory Management:** Scalable inventory amounts to meet the needs of customers.

Charlotte

Chicago

Capabilities	Assets	Assets
Sheeting	55" Beck (54" x 142") (tolerance +/- ¼)	55" Beck (54" x 142") (tolerance +/- ¼)
	62" Beck (61" x 142") (tolerance +/- ¼)	62" Beck (61.5" x 144") (tolerance +/- ¼)
Guillotine	85" Seybold (tolerance +/- ⅛)	2 - 87" Lawson (tolerance +/- ⅛)
	75" Lawson (tolerance +/- ⅛)	
Slitter	62" Dusenberry (widths 1 - 62") (tolerance +/- ⅛)	62" Dusenberry (widths 1.5 - 65") (tolerance +/- ⅛) 22" O.D. (500 lb rolls)
	62" Pinnacle (widths 4 - 61") (tolerance +/- ⅛) 40" O.D. / 2000 lbs unwind; 22" O.D. / 500 lbs take-up	65" Genesis (widths 1.5 - 65") (tolerance +/- ⅛) 30" O.D. (500 lb rolls)
	62" Compact (widths 1 - 60") (tolerance +/- ⅛) 30" O.D. / 1000 lbs unwind; 18" O.D. / 500 lbs take-up	
Laminator		62" Walco (widths 1 - 62") Roll-to-Sheet; Sheet-to-Sheet

Polycarbonate (PC)

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

Compatible with most ink, polycarbonate film is ideal for menu boards, labels, and name plates, and its tamper proof qualities make polycarbonate film a good choice for identification cards.

Gauges

- .005 - .030"

Qualities

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

Finishes

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

Colors

- White Translucent, Opaque, Clear

Applications

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

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



Polyester (PET)

Polyester film (PET) is a highly versatile material used in a variety of applications and markets. It offers 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.

Gauges

- .00048 - .014"

Qualities

- Anti-Static
- Slip Treated

Finishes

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

Applications

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

Benefits



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

Considerations

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



Rigid Vinyl



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.

Gauges

- .005 - .030"

Qualities

- Scratch Resistant

Finishes

- Gloss, Textures

Colors

- Clear, White, Planished, Various Colors

Applications

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

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)



Polystyrene

Polystyrene offers exceptional dimensional stability, processibility, 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.

Gauges

- .003 - .030"

Qualities

- Thermal Stability
- Low Moisture Absorption

Finishes

- Textured

Colors

- Matte, White, Natural, Custom

Applications

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

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



A Location Near You.

Alabama

Birmingham
(205) 982-2818
(888) 323-7898

Arizona

Phoenix
(602) 437-1000
(800) 829-4770

California

Inland Empire (Ontario)
(909) 786-3033
(855) 742-7616

Los Angeles (La Mirada)

(562) 404-4014
(800) 400-7342

San Diego

(858) 549-5150
(800) 675-5150

San Francisco (San Leandro)

(510) 746-2200
(800) 246-1848

Colorado

Denver (Littleton)
(303) 794-9823
(800) 777-7342

Florida

Daytona Beach
(386) 274-4627
(800) 874-7512

Miami (Pompano Beach)

(954) 972-9122
(800) 763-7898

Georgia

Atlanta
(770) 939-5660
(800) 868-7898

Illinois

Chicago North (Wheeling)
(847) 459-6760
(866) 449-1643

Chicago South (Bolingbrook)

(630) 378-9966
(866) 711-9966

Louisiana

New Orleans
(504) 734-0640
(800) 550-7898

Maryland

Baltimore/Washington
(Elkridge)
(301) 881-7900
(800) 638-6651

Massachusetts

Boston (Marlborough)
(508) 752-7842
(800) 252-8085

Michigan

Grand Rapids
(616) 281-3654
(866) 491-7898

Nevada

Las Vegas
(702) 933-8762
(877) 787-5587

New York

Albany
(518) 724-0563
(877) 799-3840

North Carolina

Charlotte
(704) 597-8200
(800) 277-7898

Greensboro

(336) 218-0128
(800) 763-7899

Raleigh

(919) 783-9398
(800) 476-7898

Ohio

Akron
(330) 724-3513
(866) 495-7899

Cincinnati

(513) 733-9200
(800) 450-7898

Columbus

(614) 985-0745
(888) 809-7898

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Portland
(503) 968-8700
(866) 254-6947

Pennsylvania

Philadelphia
(610) 363-5480
(855) 768-9948

Pittsburgh

(724) 772-6655
(866) 923-6655

South Carolina

Columbia
(803) 217-2560
(866) 408-7898

Greenville

(864) 288-7201
(800) 768-7898

Tennessee

Knoxville
(865) 281-8383
(800) 331-7898

Memphis

(901) 370-4590
(888) 820-7898

Nashville

(615) 361-0087
(800) 868-7899

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El Paso
(915) 593-1373
(800) 637-3425

Houston

(281) 565-2002
(844) 803-8479

Virginia

Richmond
(804) 271-7919
(800) 266-7898

Wisconsin

Milwaukee
(414) 847-2293
(855) 371-1618

CANADA

Nova Scotia

Halifax (Dartmouth)
(902) 406-4022
(877) 406-4022

Ontario

Kitchener
(519) 725-6111
(888) 669-8922

Toronto (Scarborough)

(416) 281-4300
(800) 268-6784

Québec

Montreal
(514) 337-6131
(800) 363-2854

MEXICO

Chihuahua

Juarez
52-656-616-81-10

Fabrication Charlotte

(704) 584-1500

Films Charlotte/Midwest

(704) 940-6000
(877) 495-6030



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Important: It is the user's responsibility to ensure the suitability and safety of the product for all intended uses. As a distributor, Piedmont Plastics® does not warrant the merchantability of the product or the capability of the product for the purpose intended by the user. Users should independently test each material prior to use, for suitability for their specific purpose according to instructions in any technical data sheet. Piedmont Plastics® does not assume any responsibility or liability for any advice provided, or for performance or results of any installation or use of the product or any final product into which the product may be incorporated by the purchaser and/or user.