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General Film Guide

Plastic Suppliers, Inc. and Sidaplast

Plastic Suppliers is one of the top plastic film manufacturing and distributing companies in the world, with over 65 years of experience in the industry. Our distribution centers, consisting of two ISO 9001: 2008 certified manufacturing facilities and multiple plants, are geographically positioned to support our global network distribution customers in the USA, Canada, and Europe.

Plastic Suppliers supports your business growth by providing extensive global options to accommodate all of your manufacturing needs. Sidaplast, our European distribution facility, centrally located in Ghent, Belgium, servicing all of Europe, Asia, Africa, and many other countries throughout the world. We emphasize world-class customer service, strong partnerships and growth strategies with a global presence.

Manufactured Products

Our Polyflex® oriented polystyrene product line has been outperforming other polystyrene films for decades. The high degree of performance exhibited by our products makes them ideal for shrink sleeve labels, tamper-evident bands, laminating, packaging, and envelope window applications.

EarthFirst® brand films are the premier biopolymer films available. Compostable to the ASTM D6400 and DIN EN 13432 specifications and made from annually renewable resources, EarthFirst films are poised to replace a number of “conventional” films in the marketplace. EarthFirst films have excellent mechanical properties, a high natural dyne level of 38, and are currently used in shrink sleeve labels, tamper-evident bands, lamination, flexible packaging, sealant web, and envelope window applications. If you are looking for an environmentally friendly film, we are your total resource provider.

Certifications and Organizations



Din Certo



PMMI



Tag and Label Manufacturers Institute



Flexographic Technical Association



Flexible Packaging Association

Envelope
Manufacturers
Association



Envelope Manufacturers Association

Serving the plastic film industry for over 60 years, Plastic Suppliers is ready, now more than ever, to be your total films solution.

Your Total Film Solutions Company

EarthFirst® and Polyflex® are registered trademarks of Plastic Suppliers, Inc.

Manufacturing

Standard Master Roll Widths Are Available

Thickness from 36 gauge to 18 mil.
Products: Polyflex®/EarthFirst®

Distribution

Worldwide Distribution Capabilities

We have locations across North America & Europe, servicing Asia and the world.

Slitting and Sheeting

Narrow Web Slitting Available

Nominal upcharge on widths less than 3"
Contact us for dimensions and pricing



Your Total Film Solutions Company



Polyflex® Oriented Polystyrene Brand Films

	Product	Description	Applications	Thickness (gauge)
Label/Shrink	Clear	Biaxially oriented, FDA compliant for direct food contact, outstanding gloss and smooth finish, resistant to grease, excellent die cutting attributes. Also available: one-side corona treated. Specialty colors available.	Labeling, Laminations, Printing, Insert Labels, Metallized, 3-D Glasses	200, 225, 250, 275, 300, 400, 475, 700, 750, 1000
	White	Opaque white finish. Available in high gloss, low gloss and matte (600, 650, 750, 1000, 1500). Also available one or two side treated. FDA approved for direct food contact.	Labeling, Laminations, Printing, Lumber Tags, Horticulture Tags	200, 225, 240, 325, 350, 375, 400, 475, 500, 600, 650, 750, 1000, 1500
	TDO LS	Low slope shrink curve film allowing precise control of shrinkage amount and compression force as a function of temperature. The ideal choice for tapered containers with small height to diameter ratios.	Shrink Sleeves, Tamper-evident Bands, Bundle Packs	157, 177, 197, 236
	TDO GP	A general purpose shrink curve covering a broad range of applications. Its low shrink force avoids "frowns" and "smiles" finishing defects. Provides a superior surface for ink adhesion to create a beautiful shelf presence for your product.	Shrink Sleeves, Tamper-evident Bands, Bundle Packs	157, 177, 197, 236
	TDO XP	Formulated to handle more demanding shrink labeling applications. This film provides the high shrink characteristics at low temperatures typically designed for prefilled containers. The low shrink force enables little or no shrink in the MD direction.	Shrink Sleeve, Tamper-evident Bands, Bundle Packs	157, 177, 197, 236
	Matteflex	Formulated for the use of dry letter transfer, litho-grade surface for better graphics and smooth ink transfer.	Dry Letter Transfer for Graphic Arts	475
	Matte	A clear, light matte polystyrene film designed for label applications.	Label and Insert Labels	200, 250, 350
Fabrication	R/M Matte	High content rubber modified, good clarity film.	Windowing	220, 300
	Balewrap	This product has a smooth, clear, white translucent finish. <i>Note: This product is not recommended for food overwrap or packaging.</i>	Bale Overwrap, Wrist Bands	177, 200
Envelope	PWF Plus	Matte finish and low gloss for window envelope applications. Meets USPS readability standards for window envelope application.	Envelope Windows	105, 115, 125, 150, 200

All thickness (gauge) in **BOLD** are standard stock sizes. Minimum quantities may apply to certain gauges.

Polypropylene Films

	Product	Description	Applications	Thickness (gauge)
Packaging	Clear Heat-Sealable	A general purpose, heat-sealable, co-extruded, biaxially oriented polypropylene film.	HFFS, VFFS, Lamination, Overwrap	60, 70, 80, 90, 100, 120, 140, 160, 200
	White Heat-Sealable	A white, heat-sealable, co-extruded, biaxially oriented polypropylene film.	HFFS, VFFS, Lamination, Overwrap	120, 140
	Metallized Heat-Sealable	This is metallized co-extruded, biaxially oriented one-side sealable film.	Overwrap, Decorative, Trading Cards	70, 80, 120
	Acrylic / Acrylic	Two side acrylic coated, heat-sealable on both sides, with excellent hot tack. Excellent barrier to flavors and aromas. Outstanding clarity.	Candy Bag, Confectionery Snacks, Single Web or Laminations	100, 120, 140, 160, 200, 240
	Clear Acrylic / PVdC	One side coated with PVdC copolymer, opposite side coated with aqueous acrylic dispersion. Excellent barrier to water vapor, gases and aromas. Heat-sealable on both sides.	Candy Bag, Confectionery Snacks, Single Web or Laminations	100, 125, 140, 160, 210
	Clear	Slip treated two-side differential dyne treatment, excellent clarity and good stiffness. Slip Matte available (60, 70)	Graphic Arts, Lamination, Outer Web in Flexible Packaging, Folding Carton, Roll-Fed Label	48, 75, 100, 120, 140, 200
	Anti-Fog	Broad heat seal range (220° – 300° F) for high speed HFFS and VFFS machinery. Fin seal only (for unsupported applications). Good hot tack and moisture barrier. Anti-fog surface resistant to condensation buildup. Differentially treated for ink adhesion and lamination bonds. Great for refrigerated produce packaging.	Folding Carton Windows, Produce Packaging, Flexible Packaging	120, 140, 160
Label	Cut & Stack	Non heat-sealable, both sides treated, high gloss, white film with one side matte skin for improved slip and anti-static properties to be used as sheets in offset printing for in-mold label applications. Excellent lay-flat characteristics and die cutting performance.	Cut & Stack Labels	320
	White Cavitated	White cavitated, non heat-sealable, wrap around bottle label. Also available in metallized.	Roll Fed Bottle Labels, Cut & Stack Labels	100, 120, 160, 200

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Polyester Films

	Product	Description	Applications	Thickness (gauge)
Label/Shrink	Clear	A clear, transparent film with excellent handling characteristics widely used in stamping foil, labels and flexible packaging.	Adhesive Tape, Metallizing, Book Jackets, Labels	48, 75, 92, 142, 200, 300, 400, 500
	White	An opaque white film with superb handling properties that is available untreated or with an adhesion pre-treatment on one or both surfaces to promote adhesion to most industrial coatings.	Labels Face Stock, Phone Cards, Graphics Applications	92, 200, 300, 500, 700
	PETG	Excellent printing surface for ink adhesion. Available in both standard and high-shrink versions. These films have an anti-stat coating on one side for better processing.	Shrink Sleeves, Tamper-evident Bands, Bundle Packs	160, 180, 200
Graphic Arts	Super Clear	These films are optically clear with a smooth surface, high gloss, and good dimensional stability. Film types in the Super Clear family include one or two-side adhesion treated.	Graphic Arts, Laminations, Folding Carton Windows, Labels	92 , 142, 200 , 300 , 400, 500, 700, 1000
	Slip	This film is an optically clear polyester film with a smooth surface, high gloss and good dimensional stability. Both surfaces of this film are slip treated for good handling characteristics.	Archival Sheeting, Flexible Circuits	200, 300, 440, 640, 700, 750, 1000
Industrial	General Purpose	A film with good clarity and good handling properties particularly suited for metallizing and general purpose applications.	Decorative Lamination, Silicone Release, Labels	48, 75, 92 , 142, 200 , 300, 400, 500
	Casting / Release	Translucent matte film with low TD shrinkage.	Stamping Foils, Decorative Lamination, Labels, Casting & Release	92, 142, 200, 300
	Stamping Foil	Available in high or low gloss.	Stamping Foils, Decorative Lamination, Labels, Casting & Release	48, 60, 92, 142, 200, 300
Packaging	Packaging	A clear, high gloss/low haze film with exceptional strength and dimensional stability. Also available in one-side adhesion pre-treatment to promote ink and coating adhesion. Complies with FDA regulations for food packaging. Also available one-side heat sealable.	Laminating, Printing, Metallizing, Paper Bag Windows	48, 75, 92
	Sealphane 10.63	Dual ovenable, for food contact cooking up to 410°F. Withstands freezing to -40°F. Self venting. Seals and peels cleanly from itself or APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA, PET film or PET coated paperboard. High gas, water vapor and aroma barrier. Optional corona treated one side (10.63HT).	Lidding	53, 80, 100, 144
	Sealphane 10.64	Dual ovenable, for food contact cooking up to 410°F. Withstands freezing to -40°F. Self venting. Seals to itself, PP, HDPE, PS, HIPS, APET, CPET, modified CPET, PETG, rPET, PVC, PC, PLA and PET coated paperboard trays, bottles and jars. High gas, water vapor and aroma barrier. Optional corona treated one side (10.64HT) and anti-fog (10.64HTAF).	Lidding	53, 100

All thickness (gauge) in **BOLD** are standard stock sizes. Minimum quantities may apply to certain gauges.

Polyester Films

	Product	Description	Applications	Thickness (gauge)
Packaging	Sealphane 10.94	Dual ovenable for food contact cooking up to 410°F. Withstand freezing to -40°F. Seals to itself, APET, CPET, PET coated paperboard and PVC. Tack seals with extra-high strength and a broad seal temperature range (260 to 410°F).	Lidding, Over-Wrapping, Pouch Laminations	60, 80, 120

Synthetic Paper

Label	Cavitated White Label	A high-yield, two-side coated matte finish, white, high opacity mineral-enhanced polypropylene printing and converting film. A special print-receptive coating is on both sides for optimum UV and conventional offset, flexo as well as screen, gravure, and thermal transfer printing.	Cut & Stack Labels, Posters, Maps, Tags, Signs, Calendars	320, 400, 600 , 720
	White Matte Label	Two-side printable matte finish, white, opaque, mineral-reinforced polypropylene printing and converting film. Excellent candidate for a range of applications where durability, strength, moisture/chemical resistance, and superior printability are required. Ideal where high tear strength materials are required. FDA compliant for direct food contact.	Posters, Manuals, Menus, Tags, Cards, Banners	400, 600 , 710, 800, 1000

Polyethylene Film

Packaging	LDPE	Cost-effective, generally hazy film, with good chemical resistance, high-impact strength and heat sealability.	Bag Liner, Tissue Box Window Panel	150, 200
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Plastic Suppliers EarthFirst® Brand Films

	Product	Description	Applications	Thickness (gauge)
Packaging	UL	Sealant web with proven machine-ability and performance. UL is a low cost / high-value substitute for LLDPE sealant webs.	Flexible Packaging, Windowing, LLDPE Sealant Replacement	36, 48, 60
	PLA TDO	Superior surface for ink adhesion. TDO film provides high shrinkage across the web width with little or no shrinkage in the opposing direction at the lowest temperatures in the industry.	Shrink Sleeves, Tamper-evident Bands, Bundle Packs	177, 197 , 240
	BCFB	Heat-sealable, printable packaging film with a high MVTR, good aroma barrier properties, low heat seal temperatures, and excellent dead fold. This film is perfect for a variety of packaging applications.	HFFS, VFFS, Produce Packaging, Overwrap	80, 100, 120, 160, 200, 300
Envelope	Compostable	Low-scratch, compostable film specifically formulated for use in envelope windows. Meets USPS readability standards for window envelope film. Tinted with a light green hue.	Envelope Windows	105, 115

All EarthFirst® films are FDA compliant for direct food contact.

All thickness (gauge) in **BOLD** are standard stock sizes. Minimums may apply to certain gauges.

For more information, visit: www.plasticsuppliers.com

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