

# Film Selection Guide



Pressure sensitive film products to fit all of your printing and application needs

1980-2020

 **Technicote**<sup>®</sup>  
40 YEARS OF CUSTOMER SOLUTIONS



**Technicote** is pleased to offer a broad selection of high quality pressure sensitive film products to satisfy a wide variety of print processes and end-use requirements. From material identification to product recommendations and certifications, our Technical Services Team provides customized solutions for your next project.



## Clear and Metallized Clear Films

Clear pressure sensitive labels are ideal for achieving the “no-look label” — an illusion which suggests the graphics are printed directly on the container. Whether your application requires a frosty clear, crystal clear, or metallized appearance, Technicote’s clear film selection provides the canvas for brilliant graphics to enhance your next prime application.

**2 mil Crystal Clear TC Polypropylene:** A glossy, optically clear biaxially oriented film with exceptional clarity, excellent die-cut performance and great stiffness. This semi-conformable film is top-coated for outstanding print performance. Varieties include “Crystal Clear” BOPP. *Markets/Industries: Health & Beauty, Food/Beverage, Household Products*

**2 mil Storm Clear Polypropylene:** A high performance, economically priced, optically clear biaxially oriented polypropylene film. Corona treated for excellent label printing performance by a wide variety of print methods. *Markets/Industries: Health & Beauty, Food/Beverage, Household Products*

**2 mil Metallized Clear Polypropylene:** This vibrant, glossy film offers a high sheen metallized appearance, a coated print surface for outstanding ink adhesion, and

high-speed press performance. Provides good stiffness for auto and hand applied label dispensing, and offers resistance against chemicals, water and oil. *Markets/Industries: Health & Beauty, Food/Beverage, Household Products*

**3 mil Frosty Clear Squeezeable Polyolefin:** A frosty clear, polyolefin film corona treated for excellent printability. This product is recommended for squeeze and semi-squeeze containers and provides exceptional die cutting and dispensing. *Markets/Industries: Cosmetics, Health and Beauty, Household Products*

**2 mil Clear Polystyrene:** An optically clear, versatile film with excellent strength and stiffness for non-conformable label applications. Printable by flexographic, rotogravure or offset processes. *Markets/Industries: Coupon and Mail Tab*



## White Films

Pressure sensitive labels printed on white film may be used in an assortment of packaging formats to successfully enhance brand recognition through bold designs and colors that “pop”. Whether your next label application requires a premium top-coated film to achieve outstanding, sophisticated graphics or a simple, one-color design, Technicote has a white film product to support your label needs.

**2.3 mil White TC Polypropylene:** A gloss white BOPP with excellent opacity, outstanding whiteness and top coated for printability using standard print methods and thermal transfer (with resin ribbon only). This film has high machine direction stiffness and tensile strength that produces excellent matrix stripping and superior high speed label dispensing. Varieties include “Pearl”, “Polar” and “Majestic” BOPP. *Markets/Industries: Health & Beauty, Food/Beverage, Household Products*

**2.3 mil Storm White Polypropylene:** A gloss white biaxially oriented polypropylene with outstanding opacity, excellent whiteness and one side treated with high surface energy for adhesion of water based coatings, adhesives or inks. Excellent stiffness for label dispensing. *Markets/Industries: Health & Beauty, Food/Beverage, Household Products*

**1.6 mil White Polypropylene:** A white topcoated, biaxially oriented (BOPP) film that may be used in a wide variety of pressure sensitive label applications. The solid white polypropylene core is treated one side with a print receptive gloss coating for superb ink adhesion, and has great stiffness for efficient dispensability. *Markets/Industries: Durable Goods, Health & Beauty. Label Lyte® is a registered trademark of Exxon-Mobil.*

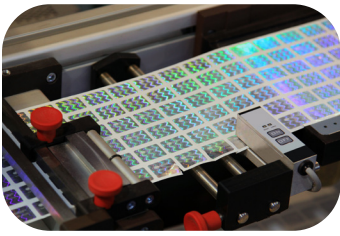
**2.6 mil Pearl White Polypropylene:** High performance, one side treated, cavitated 2.6 mil white bopp film designed for outstanding label printing performance by a wide variety of printing process methods. This facestock is not recommended for thermal transfer printing or removable label applications. Varieties include “Pearl”

and Techni-Sheen BOPP. *Markets/Industries: Health & Beauty, Household Products*

**3 mil White Squeezeable Polyolefin:** A matte white, polyolefin film corona treated for excellent printability. Product is recommended for squeeze and semi-squeeze containers. *Markets/Industries: Health and Beauty, Household Products, Food/Beverage*

**2.5 mil White Polystyrene:** A corona treated, matte white, versatile film with excellent strength and stiffness for non-conformable label applications. Printable by flexographic, rotogravure or offset processes. *Markets/Industries: Coupon, Prime Label*

**4 mil Flexible Vinyl:** a flexible white vinyl with polymeric plasticizers, formulated to provide optimum performance with pressure sensitive adhesives. Product available in both matte white and yellow varieties, either top-coated or non top-coated. The top-coated version provides outstanding adhesion to various printing inks.



## Specialty and Synthetic Films

At Technicote, specialty is our specialty. From durable films like laser printable polyester to instant redeemable coupon film, Technicote is your one-stop shop for unique, specialty label products. Nearly all of Technicote's synthetic or specialty film offerings are available at low minimum order quantities at a competitive price. Stock products are ready to ship in two days or less!

**2 mil Holographic Polyester:** A vibrant metallized polyester film that has been optically embossed to create a holographic image or pattern. Top coated for compatibility with solvent base, water base and UV curable inks, as well as silk screen, flexographic and offset/letterpress printing. Available in a variety of patterns.

**2 mil Silver TC Polyester:** A 2 mil bright silver polyester film that has been top-coated to provide excellent printability for prime label

applications. Also available as a 1 mil film with brushed silver finish.

**2 mil Clear TC Polyester:** A 2 mil clear, gloss polyester film with high strength and excellent clarity. The versatile top-coating is compatible with solvent base, water base, and UV curable inks, as well as silk screen, flexographic and offset/letterpress printing. Laser printable (2 mil CP Polyester) version also available with a matte clear finish.

**2 mil White TC Polyester:** A durable, gloss white polyester film with excellent dimensional stability. Outstanding print results with solvent base, water base, and UV curable inks, as well as silk screen, flexographic and offset/letterpress printing. Laser printable (2 mil White CP Polyester) version also available in a 2 mil thickness.

**Polyart®:** A high performance polyethylene base synthetic paper with a unique top coating allowing Polyart to be printed with flexo, litho, gravure, letterpress and screen methods. It can also be used with thermal transfer, ion dep, dot matrix and certain ink jets. Product is available in 3.0 mil and 3.6 mil versions. Polyart® is a registered trademark of Arjobex.

**3.7 mil Smudge Kimdura®:** A multi-layered biaxially oriented polypropylene which combines extraordinary edge tear resistance with a smooth, uniform surface that provides brilliant imagery, superior print quality and smudge resistance. Kimdura® is a registered trademark of Neenah Paper.

**Tyvek® 1073-D:** An 8.0 mil durable sheet that is stronger than paper, less expensive and more versatile than fabrics. It is made from high density polyethylene fibers and is considered a spun-bonded olefin offering a balance of physical characteristics likened to a paper, film and cloth. Tyvek® is a registered trademark of Dupont.

**2 mil White Polyprint:** An in-line top coated polyester with a very smooth white finish. It has excellent tear strength, heat resistance, UV resistance and dimensional stability, while the CP top coating allows laser, thermal transfer, silk screen, flexo & letterpress ink receptivity.

**Custom Coat Services:** In the event Technicote does not carry the film product you require for your next production run, our Custom Coat service is an option to consider. Send in your non-pressure sensitive film to one of our designated manufacturing plants, and we will adhesive coat your product with your preferred adhesive and release liner.



## Security Films

In recent years, Technicote has become increasingly involved in providing specialized materials for controlled security applications. Together, with our suppliers, we share the common objective of providing solutions that meet the highest standard of integrity and control throughout the supply chain. Technicote is pleased to offer a variety of both stock and custom secure labeling solutions

for today's converter. Contact us today to discuss the many options available.

**Acetate:** A matte clear, tamper-evident, cellulose diacetate film. Good film stiffness for matrix stripping and auto-apply processes. Available in Matte Clear 1.5 mil and 2.0 mil caliper thickness.

**4.1 mil Tamper Evident Polyart®:** A 4.1 mil cavitated, matte white, top coated HDPE with a low internal bond strength that allows the film to delaminate and shred upon removal from a surface. Polyart® is a registered trademark of Arjobex.



## Thermal Films

A film face stock is often used for label applications where variable information and barcode printing required on a substrate that offers more durability than paper.

**3 mil White Polypropylene Thermal Transfer:** A matte white polypropylene film top-coated for outstanding thermal transfer printing with a variety of ribbons. Offers superb smoothness, excellent print performance and added strength for VIP.

**2.8 mil White Polypropylene Direct Thermal:** A topcoated direct thermal polypropylene with initial activation temperature of 180°F and an effective activation temperature of 205°F. This faces-tock has excellent light stability to resist fading from UV light.



*For data sheets or more information about Technicote Film Products, contact your sales representative or visit [technicote.com](http://technicote.com).*

# Film Selection Matrix

⊕	FILM	CALIPER (MILS)	SURFACE FINISH	COLOR	SURFACE TREATMENT	PRINT METHODS	MARKETS SERVED
POLYPROPYLENE	Metallized Clear TC Polypropylene	2	Gloss	Metallized Silver	Top-Coated	WBF, UVF, TT*	🏠💖
	Crystal Clear TC Polypropylene	2	Gloss	Clear	Top-Coated	WBF, UVF, TT*	🏠📦💖
	2 mil Storm Clear Polypropylene	2	Gloss	Clear	Corona Treated	WBF, UVF, ILP Indigo	🏠📦💖🔒
	2.3 mil Storm White Polypropylene	2.3	Gloss	White	Corona Treated	WBF, UVF, ILP Indigo	🏠📦💖🔒
	2.3 mil Pearl White Polypropylene	2.3	Gloss	White	Top-Coated	WBF, UVF, ILP Indigo	🏠📦💖🔒
	Majestic White Polypropylene	2.3	Gloss	White	Top-Coated	WBF, UVF, TT*	🏠📦💖🔒
	Polar White Polypropylene	2.3	Gloss	White	Top-Coated	WBF, UVF, TT*	🏠📦💖🔒
	2.6 mil Pearl White Polypropylene	2.6	Gloss	White	Top-Coated	WBF, UVF, ILP Indigo	🏠📦💖🔒
	Label-Lyte® Polypropylene	2.6	Gloss	Clear	Top-Coated	WBF, UVF	🏠📦💖🔒
	White Polypropylene Direct Thermal	2.8	Matte	White	Top-Coated	WBF, Direct Thermal	Variable
White Polypropylene Thermal Transfer	3	Matte	White	Top-Coated	WBF, UVF, TT*	Variable	
POLYESTER	1 mil Brushed Silver TC Polyester	1	Gloss	Brushed Silver	Top-Coated	WBF, Direct Thermal	💖
	2 mil Clear TC Polyester	2	Gloss	Clear	Top-Coated	WBF, UVF, TT*	🔒🔒
	2 mil White TC Polyester	2	Gloss	White	Top-Coated	WBF, UVF, TT*	🔒🔒
	2 mil Matte White TC Polyester	2	Matte	White	Top-Coated	WBF, UVF, TT*, Laser	🔒🔒
	2 mil Matte Silver TC Polyester	2	Matte	Silver	Top-Coated	WBF, UVF, TT*	🔒🔒
	2 mil Matte Silver CP Polyester	2	Gloss	Silver	Top-Coated	WBF, UVF, TT*, Laser	🔒🔒
	2 mil Bright Silver TC Polyester	2	Gloss	Silver	Top-Coated	WBF, UVF, TT*	🔒🔒
	2 mil Holographic Polyester	2	Gloss	Various Patterns	Print Treated	WBF, UVF	💖📦
POLYSTYRENE & VINYL	2 mil Clear Polystyrene	2	Gloss	Clear	Corona Treated	WBF, UVF	💖📦
	2.5 mil White Polystyrene	2.5	Gloss	White	Corona Treated	WBF, UVF	💖📦
	4 mil Flexible White TC Vinyl	4	Matte	White	Top-Coated	WBF, UVF, TT*	🔒🔒🔒
	4 mil Flexible White NTC Vinyl	4	Matte	White	Non Top-Coated	Not for printing	🔒🔒🔒
	4 mil Matte White CP Vinyl	4	Matte	White	Top-Coated	WBF, UVF, TT*, Laser	🔒🔒🔒
	4 mil Flexible Yellow TC Vinyl	4	Matte	Yellow	Top-Coated	WBF, UVF, TT*	🔒🔒🔒
	4 mil Flexible Yellow NTC Vinyl	4	Matte	Yellow	Non Top-Coated	Not for printing	🔒🔒🔒
SYNTHETIC & SPECIALTY FILMS	3 mil White Squeezable Polyolefin	3	Matte	White	Corona Treated	WBF, UVF	🏠💖
	3 mil White Squeezable Polyolefin	3	Matte	Frosty Clear	Corona Treated	WBF, UVF	🏠💖📦
	3.6 mil White Polyart®	3.6	Matte	White	Top-Coated	WBF, UVF, TT	🔒🔒🔒
	3.0 mil White Polyart®	3	Matte	White	Top-Coated	WBF, UVF, TT	🔒🔒🔒
	2 mil White Polyprint	2	Matte	White	Top-Coated	WBF, UVF, TT*	🔒🔒🔒
	3.7 mil Smudge Kimdura®	3.7	Gloss	White	Print Treated	WBF, UVF, TT*, Laser	🔒🔒🔒
	Tyvek® 1073D	7.5	Matte	White	Top-Coated	WBF, UVF	🔒🔒
	2 mil Clear Acetate	2	Gloss	Clear	Untreated	WBF, UVF	📦
	1.5 mil Matte Clear Acetate	1.5	Matte	Matte Clear	Untreated	WBF, UVF	📦
	7.0 mil C25 V-Max® Select Plus	7	Matte	White	Corona Treated	WBF, UVF	🔒🔒
	7.5 mil UCT V-Max® Select	7.5	Matte	White	Corona Treated	WBF, UVF	🔒🔒

📦 Food & Beverage   💖 Health & Beauty   📦 Security   🔒 Durable Label   🏠 Household Products   🌿 Outdoor Use   📦 Drum Label

TT\* Product should be tested thoroughly with appropriate ribbon prior to purchase   **WBF** Water-based Flexo   **UVF** UV Flexo



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