

Roll Label Product Catalog



# Stronger Together



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# Stronger Together

## **We are Stronger Together.**

Our people, partnerships and product portfolio are stronger than ever, and with the breadth and depth of the Mactac®, Lintec, Spinnaker®, and Label Supply product portfolios, you can rely on us to provide the broadest array of adhesive technology, expert technical knowledge, and flexible assets and service capabilities.

**Stronger Together**, our broad production and distribution center footprint allows us to meet your core product and specialty needs where and when you need them.

With 16 manufacturing and distribution centers across North America, Mactac has the network for you to scale your business.

**Stronger Together**, we look forward to partnering with you, our customer, to grow together and collaborate on key technical challenges.

With competency in emulsion, acrylic, hot melt, UV, and solvent adhesives, our experienced team can recommend the right adhesive for the right application. We also have the capabilities to support your sustainability targets through post-consumer waste labels, products that meet the APR Design® for Recyclability recognition, recycling compatible adhesives and our thinner liner product offerings.

**Ask S.A.M.™** – Ask **Spinnaker and Mactac™** – is a unique service program for customers to bring the most challenging technical problems and leverage Mactac's diverse technologies and flexible assets.

**Stronger Together**, Mactac is a committed partner to the North American pressure sensitive industry.

Mactac's investment in North America remains a strategic focus.

We look forward to working with you, **Stronger Together**.





### Mactac® Order Tracking - Your order is important to us.

For your convenience, we will fax or email your order confirmation. Please review your confirmation and notify Customer Service immediately at **800-548-3456** about any changes or corrections.

Go on line at [www.mactac.com](http://www.mactac.com) to track orders, check invoices, make sample requests. Contact Customer Service at **800-548-3456** for details. Ask about how to receive Advanced Shipping Notification!

**Product Literature** To view the Mactac Roll Label Catalog featuring our latest product offerings, please visit: [www.mactac.com/RollLabelLiterature](http://www.mactac.com/RollLabelLiterature)

**Technical Data Guides** Please visit: [www.mactac.com/RollLabelLiterature](http://www.mactac.com/RollLabelLiterature)

**Contact Information** Customer service [www.mactac.com/ContactUs](http://www.mactac.com/ContactUs) or call us at **800-548-3456**  
View orders/account online [www.mactac.com/MyAccount/SignIn](http://www.mactac.com/MyAccount/SignIn)  
Need to file a claim? [www.mactac.com/claims](http://www.mactac.com/claims)

### Sustainability



**Simply Sustainable®** ...more than a brand. It is our initiative to choose environmental best practices so they can be ingrained in everything we do and simply become a part of who we are. And it simply starts with building a culture that values and celebrates responsible innovation.

[www.mactac.com/roll-label-sustainability](http://www.mactac.com/roll-label-sustainability)

**FSC Certifications** [www.mactac.com/roll-label-sustainability](http://www.mactac.com/roll-label-sustainability)

**Precise Product Listing** [www.mactac.com/Precise](http://www.mactac.com/Precise)



**Have a specialty construction?**...Mactac, solutions that stick™. With our assets and capabilities, we have the innovations and technologies that allow for short runs and specialty constructions. **Please email or call your Mactac representative to discuss your solution.**



**Contact Information** Call us at **800-543-9452**  
Technical Consulting **877-210-5104**  
Email us at [sales@spinps.com](mailto:sales@spinps.com)

**Product Literature** Please visit: [www.spinps.com/website/website.nsf/LiteratureRoll](http://www.spinps.com/website/website.nsf/LiteratureRoll)

**Technical Data Guides** Please visit: [www.spinps.com/website/website.nsf/fConstructionSearch](http://www.spinps.com/website/website.nsf/fConstructionSearch)



**3 Easy Ways to Place an Order**

**Call us:** Customer Service at **800-548-3456**

**Fax us:** Customer Service at **800-233-4293**

**Email us:** [Orders@mactac.com](mailto:Orders@mactac.com)

Our hours are Monday through Friday 8:00 AM to 8:00 PM EST

**To ensure the accuracy and traceability of your order, please include the following:**

- Your Purchase Order Number
- The Mactac catalog number and description of product(s) you are ordering
- The slit widths and length of material
- Requested ship date

**Order Tracking - YOUR ORDER IS IMPORTANT TO US**

**For your convenience, we will fax or email your order confirmation.** Please review your confirmation and notify Customer Service immediately at 800-548-3456 about any changes or corrections.

**Go on line at [www.mactac.com](http://www.mactac.com) to track orders, check invoices, make sample requests.**

Contact Customer Service at 800-548-3456 for details. Ask about how to receive Advanced Shipping Notification!

**Minimum Stock Order Quantities and Lengths**

**Stock Products:** Web width x 2,500 ft.

**Precise<sup>sm</sup> Products:** 1 roll minimum x specified length. Contact Customer Service **800-548-3456** or our website [www.mactac.com](http://www.mactac.com).

Rolls less than 2500' can be ordered for an upcharge using the chart on page 7.

**Roll Length Finishing Policy**

- All products are wound face out.
- Roll length may vary +/- 10% of order quantity. Billing will reflect quantity shipped.

**Slitting Specification and Core Sizes**

<b>Standard Products</b>	3" Nominal I.D., 3/8" high density wall (6" available on non-lay flat for additional charge 0.02/MMSI)
<b>Laser, Inkjet &amp; Lay Flat Products</b>	6" Nominal I.D., 1/2" high density wall (No additional charge on designated products)
<b>Splicing Tape</b>	Standard Red 1.5" Tape
<b>Splicing</b>	Mactac Splice Policy
<b>Labels</b>	3 part Label (see <b>Mactac 3 Part Label</b> on page 7)
<b>Roll Width Tolerance</b>	+/- 1/32"
<b>Finished Roll Length Tolerance</b>	+/- 10%
<b>Meter Length Tolerance</b>	+/- 1%

**Web Width**

Web widths are subject to change at our discretion.

**Product Availability**

Product availability from distribution centers is subject to change without notice.

**Custom Orders**

Mactac can provide special combinations of facestock, adhesives and liners to meet specific converter and end-use requirements. Our technology, modern manufacturing equipment and manufacturing skill enables us to provide custom-designed constructions to meet precise specifications with the highest degree of quality, performance and dependability. Please contact your sales representative to discuss your needs.

**Custom Over Runs/Under Runs**



On single pass custom orders for standard materials, the order will be considered filled if the quantity shipped is +/- 10% of the quantity ordered. All two pass constructions will be considered filled if the quantity shipped is +/- 15% of the quantity ordered. On custom orders for non-standard materials, which must be specially ordered from a supplier, Mactac reserves the right to ship +/- 20% of the quantity ordered. This variation is necessary because of requirements imposed on us by our suppliers.





**Standard Palletizing and Packaging**

All roll lengths ordered at less than 10K will be poker packaged. Rolls ordered at 10K or greater will be cradle packaged for handling and shipping safety unless specified by the customer. **Mactac will not warranty any roll damage incurred from removing rolls ordered at 10K or greater, but requested poker packaged.**

 <b>Poker Packaging</b>	 <b>Cradle Packaging</b>
Pallets will be selected to best match order widths, lengths and volumes	Pallets will be selected to best match order widths, lengths and volumes.
Chip board / Deck Pads	Rolls placed with labels lined up uniformly facing the outside of the length of the pallet.
Rolls placed with labels lined up uniformly facing the outside of the length of the pallet.	2 x 2 angle board through roll cores
Parchment paper between rolls.	Rolls will be double banded with polystyrene through 2 x 2 angle boards.
2 x 2 angle board between roll cores	Egg carton cradles will be used to secure rolls
Poly Sheet	Plastic banded rolls to pallet through 2x2 angle boards
Stretch wrap	Stretch wrap
Pallet label placed on top end of the length side of pallet facing out	Pallet label placed on top end of the length side of pallet facing out.
	For rolls 15,000 feet or greater Styrofoam wedges will be used in conjunction with poly sheet and chipboard deck pads.
* Special Requests - Call Customer Service at 800-548-3456. Additional charges may apply.	* Special Requests - Call Customer Service at 800-548-3456. Additional charges may apply.

**Pallet Options**

30" L x 30" W	48" L x 40" W
36" L x 36" W	48" L x 48" W
45" L x 45" W	54" L x 30" W
48" L x 30" W	

**Pallets can contain mixed roll widths. All efforts will be taken to limit mixed pallets to a minimum.**

**Slitting Charges**

Master Roll Width	Number of Slit Rolls	Number of Slit Rolls	Number of Slit Rolls
40" - 59"	1-13 rolls	14-18 rolls	19+ rolls
60" - 71"	1-15 rolls	16-20 rolls	21+ rolls
78"	1-18 rolls	19-20 rolls	21-39 rolls
Slitting Charge	No Charge	\$.02/MSI	\$.05/MSI

Roll count is based on slit rolls per master roll. Slit tolerance +/- 1/32". Slit sizes less than 2" on paper or film products are not available. For other slit widths, check with your Mactac Customer Service Representative.

**Non-Standard Roll Length**

Roll Length	Charge per MSI
1,668 Ft. to 2,499 Ft.	Add \$.03/MSI
750 Ft. to 1,667 Ft.	Add \$.07/MSI
150 Ft to 749 Ft.	Add \$.15/MSI

You may purchase master rolls with less than 2,500' minimum length, the following up charges will apply.

**Non-Standard Core Charges**

- Add .02/MSI to substitute 6" core for any non-lay flat product that typically uses a 3" core.
- 6" cores are available for any non-lay flat product and must be specified on the purchase order.
- No charge for 6" cores on Laser, Inkjet and Prime Lay Flat Products.



**Carriers**

- All orders ship Prepaid & Charged via Mactac® approved carriers.
- If you select a carrier that is not a Mactac approved carrier, order will ship **Freight Collect**.
- If your material was received damaged and/or damaged in transit by the freight company, please sign the BOL as **"Received Damaged"**.

**Lead Times**

- Lead times on specific products are subject to change.

**Precise & Stock Products**

**Locations**

- Appleton, WI
- Columbus, IN
- Kansas City, MO
- Minneapolis, MN
- Ontario, CA
- Philadelphia, PA
- Spartanburg, SC
- Scranton, PA
- Vancouver, WA



In this challenging logistics and supply chain environment, we will send along our best ship date with your order acknowledgment as soon as it's available upon receipt of your order, which is within 48 hours of receipt into customer service. We continue to strive to get back to shorter lead times as soon as possible, thank you for business and understanding.

**Spliceless Products**

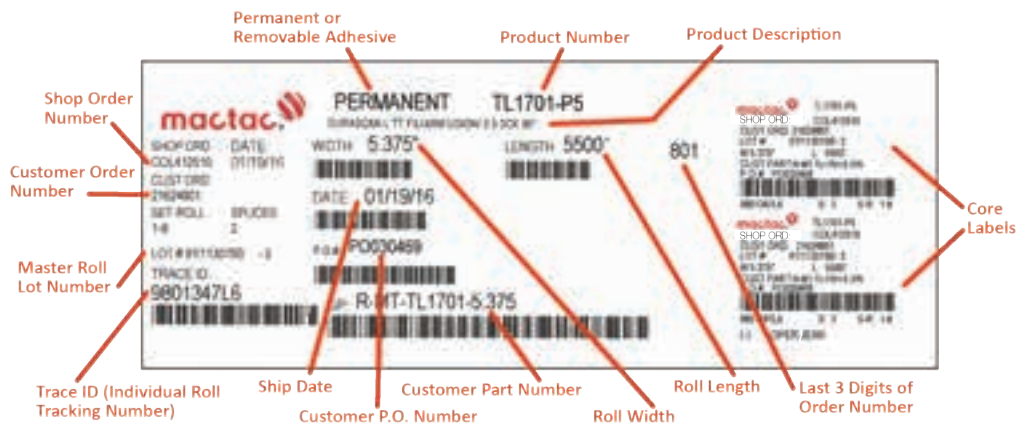
<b>Locations</b>	See Precise <a href="http://www.mactac.com/Precise">www.mactac.com/Precise</a>
<b>MSI Amount</b>	See Precise <a href="http://www.mactac.com/Precise">www.mactac.com/Precise</a>
<b>Cut-off Time</b>	See Precise <a href="http://www.mactac.com/Precise">www.mactac.com/Precise</a>

**Mactac 3-Part Labels**

Each roll of Mactac product has a **3 Part Label** which includes 2 pressure-sensitive labels for faster, more accurate inventory management.

- Carries your own P.O. number and/or Customer Part Number.
- Both human readable & bar-coded information.
- Trace ID provides detail information about a roll including lot number and roll position.

**Mactac® 3-Part Roll Labels**





Innovative, custom-engineered all-temperature adhesive specifically for any temperature label application - including challenging cold temperature applications. CHILL AT is an ideal off-the-shelf, all-in-one product for a variety of label applications from food and beverage packaging to short-term shipping applications.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Semi-Gloss</b>								
<b>PLATINUM™ XTRA Semi-Gloss Litho</b>   55# Brilliant white semi-gloss coated litho sheet								
<a href="#">SGL7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL7852-7</a>	CHILL AT	All-temp Permanent	Bloom hi.impact	78"	2,500	226#	■	■
<a href="#">SGL7892-2</a>	CHILL AT®	All-temp Permanent	1.2 PET	78"	2,500	205#	■	■
<b>PLATINUM Semi-Gloss</b>   Brilliant white semi-gloss coated sheet with high internal strength								
<a href="#">AC7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	265#	■	
<b>54# Wet Strength Semi-Gloss</b>   Bright white semi-gloss coated wet strength sheet								
<a href="#">SGW7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		■
<b>Metalized Paper</b>								
A mirror finished metalized facestock with acrylic top coating for outstanding print quality.								
<a href="#">SMP7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	254#		■
<b>Fluorescent</b>								
<b>Red</b>   Matte coated graphic quality fluorescent that provides brilliance and visual impact.								
<a href="#">AJR7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	235#		
<b>Direct Thermal</b>								
<b>Non-Top-Coated</b>   A medium sensitivity non-top coated direct thermal paper								
<a href="#">DTNN7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTNN7852-7</a>	CHILL AT	All-temp Permanent	Bloom hi.impact®	78"	2,500	211#		■
<b>Weigh Scale</b>   A medium sensitivity topcoated direct thermal paper								
<a href="#">DTW7802NB</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<b>Thermal Transfer - Paper</b>								
<b>OPTISCAN® 2C</b>   Premium bright white, coated facestock for high-speed thermal transfer printing								
<a href="#">TT7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<b>Thermal Transfer - Film</b>								
<b>DURASCAN® L - 3.0 mil</b>   3.0 mil Matte TT printable BOPP								
<a href="#">TL7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	250#		■

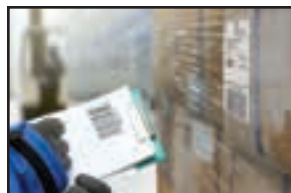
<sup>^</sup> For more information see MAC3210 FSC Product Sheet

<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide



Innovative, custom-engineered all-temperature adhesive specifically for any temperature label application - including challenging cold temperature applications. CHILL AT® is an ideal off-the-shelf, all-in-one product for a variety of label applications from food and beverage packaging to short-term shipping applications.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length ft	Approx. Wt MMSI	FSC^	Precise*
<b>Film</b>								
<b>VIVID™ 2.0 mil Chrome BOPP  </b> Bright silver top coated polypropylene								
<a href="#">PTS7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#		■
<a href="#">PTS7891-2</a>	CHILL AT®	All-temp Permanent	1.2 mil PET	60"	2,500	165#		■
<b>ALLURe® 2.3 mil White BOPP  </b> 2.3 mil white top coated polypropylene								
<a href="#">PTW7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	235#		■
<b>VIVID 2.6 mil White BOPP  </b> 2.6 mil white polypropylene								
<a href="#">PJ7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#		■
<a href="#">PJ7892-2</a>	CHILL AT	All-temp Permanent	1.2 PET	78"	2,500	188#		■
<b>VIVID ICE™ 2.0 mil Clear BOPP  </b> 2.0 mil clear top coated BOPP film								
<a href="#">PF7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	205#		■
<a href="#">PF7892-2</a>	CHILL AT	All-temp Permanent	1.2 PET	78"	2,500	165#		■
<b>2.0 mil Clear BOPP  </b> 2.0 mil clear corona treated polystyrene.								
<a href="#">GFC7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	215#		■



High tack innovative all-temperature adhesive that is custom-engineered specifically for any temperature label application - including challenging cold temperature applications. CHILL AT EXTREME is an ideal off-the-shelf, all-in-one product for a wide variety of label applications from food and beverage packaging to short-term shipping applications where a high tack adhesive is needed.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length ft	Approx. Wt MMSI	FSC^	Precise*
<b>Semi-Gloss</b>								
<b>PLATINUM XTRA Semi-Gloss  </b> 55# brilliant white semi-gloss coated litho sheet								
<a href="#">SGL7902</a>	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	220#	■	■
<b>Film</b>								
<b>VIVID™ 2.6 mil White BOPP  </b> 2.6 mil white polypropylene								
<a href="#">PJ7902</a>	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	210#		■
<b>Direct Thermal</b>								
<b>Weigh Scale  </b> A medium sensitivity topcoated direct thermal paper								
<a href="#">DTW7902NB</a>	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	235#		■
<b>Topcoated  </b> 4.0 mil Top-coated direct thermal film								
<a href="#">DPT7902</a>	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	220#		■

^ For more information see MAC3210 FSC Product Sheet

\* For more information see MAC3218 Precise/Trimless Guide

# PRIME PAPER

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>Semi-Gloss</b>								
<b>Platinum™</b>   A 60# brilliant white semi-gloss coated sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting. The sheet has exceptional smoothness, whiteness, gloss and opacity.								
<a href="#">AC2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC2692</a>	640-AT OPQ	All-temp Permanent, <b>Block Out</b>	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC4502</a>	705VHP	High Tack Permanent	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC5001</a>	Glacier® 733	Freezer	2.4 SCK	60"	2,500	265#		
<a href="#">AC5102</a>	HR-51	Removable	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC5112LF<sup>+</sup></a>	HR-51	Removable	3.2 Kraft	78"	2,500	295#	■	
<a href="#">AC7002</a>	711VHP	Direct Food	2.4 SCK	78"	2,500	265#		■
<a href="#">AC7202</a>	711VHP	Direct Food, Heavy Coat Weight	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC7802</a>	CHILL AT®	All Temp Permanent	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC8402</a>	MR840	Ultra Removable	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC8602</a>	MR860	Removable	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC9512LF<sup>+</sup></a>	ST-95	Permanent	3.2 Kraft LF	78"	2,500	295#	■	■
<b>Platinum Xtra</b>   55# brilliant white semi-gloss coated litho sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting.								
<a href="#">SGL2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL2692-2</a>	640-AT	All-temp Permanent	1.2 mil PET	78"	2,500	205#		■
<a href="#">SGL7002</a>	711VHP	Direct Food	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL7092-2</a>	711VHP	Direct Food	1.2 mil PET	78"	2,500	255#	■	■
<a href="#">SGL7702</a>	CHILL AT FDA	All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL7792-2</a>	CHILL AT FDA	All-temp Permanent	1.2 mil PET	78"	2,500	255#	■	■
<a href="#">SGL7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL7892-2</a>	CHILL AT	All-temp Permanent	1.2 mil PET	78"	2,500	205#	■	■
<a href="#">SGL7852-7</a>	CHILL AT	All-temp Permanent	Bloom hi.impact®	78"	2,500	226#	■	■
<a href="#">SGL7902</a>	CHILL AT EXTREME	All-temp High Tack	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL9092-2</a>	710VHP	Permanent	1.2 mil PET	78"	2,500	205#	■	■
<a href="#">SGL9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL9512LF<sup>+</sup></a>	ST-95	Permanent	3.2 Kraft LF	78"	2,500	285#	■	■
<a href="#">SGL9592-2</a>	ST-95	Permanent	1.2 mil PET	78"	2,500	255#		■
<b>Wet Strength</b>   54# bright white wet strength semi-gloss construction with QUICK TACK and high wet strength ratio.								
<a href="#">SGW7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

\* For more information see MAC3218 Precise/Trimless Guide

**+ LAY FLAT GUARANTEE** Lay flat products are designed for roll-to-sheet applications. They are guaranteed to exhibit lay flat properties of no greater than +/- 1/8" when evaluating an 8-1/2" x 11" sheet on a flat surface, face-up orientation in a climate controlled (70°F. / 50% R.H.) environment. Lay flat products are supplied on 6" O.D. cores to prevent core related curl. Any products supplied on other than 6" cores are not guaranteed for lay flat against the parameters outlined above.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC^	Precise*
<b>Semi-Gloss</b>								
<b>Platinum Plus</b>   A 50# semi-gloss coated sheet that has been engineered specifically for use as a PS label stock with the Aqueous Flexographic, UV Flexographic and UV Rotary Letterpress printing.								
<a href="#">PLD2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	250#	■	■
<a href="#">PLD2692-2</a>	640 AT	All-temp Permanent	1.2 mil PET	78"	2,500	234#	■	■
<a href="#">PLD7002</a>	711VHP	Direct Food	2.4 SCK	78"	2,500	250#	■	■
<a href="#">PLD9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	250#	■	■
<a href="#">PLD9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	250#	■	
<b>Premium 54# UV</b>   Brilliant white coated for exceptional ink receptivity and converting properties. Water-based Inkjet, 3" Cores.								
<a href="#">UVS7802</a>	CHILL AT	Permanent	2.4 SCK	78"	2,500	265#		■
<b>Dairy Label</b>								
<b>50#</b>   Lightweight dairy label is a white, flexible, uncalendered sheet that has high internal strength characteristics for high speed printing and converting. <i>See NEW Dairy Label film on page 14.</i>								
<a href="#">DLA7072</a>	711VHP	Direct Food	2.5 NK	78"	2,500	222#		■
<a href="#">DLA7092-0</a>	711VHP	Direct Food	1.0 mil PET	78"	2,500	176#		■
<a href="#">DLA7102</a>	710 DL	Dairy Label Permanent	2.4 SCK	78"	2,500	222#		■
<a href="#">DLA7172</a>	710 DL	Dairy Label Permanent	2.5 NK	78"	2,500	222#		■
<a href="#">DLA7192-0</a>	710 DL	Dairy Label Permanent	1.0 mil PET	78"	2,500	176#		■
<a href="#">DLA7772</a>	710 DL HCW	Dairy Label, Heavy Coat Weight	2.5 NK	78"	2,500	234#		■
<b>High-Gloss</b>								
<b>White Gold® Litho</b>   A bright white, smooth, high-gloss litho designed for high quality printing, high speed converting and dispensing. Excellent for U.V. Flexo. Virtually eliminates slitter dust.								
<a href="#">WG9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	255#		■
<b>Cast Coated</b>   A 57# cast-coated, mirror finish, high strength paper stock designed for quality printing and high speed converting.								
<a href="#">CHG2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	265#		■
<a href="#">CHG4502</a>	705VHP	High-tack Permanent	2.4 SCK	78"	2,500	265#		
<a href="#">CHG7002</a>	711VHP	Direct Food	2.4 SCK	78"	2,500	265#		■
<a href="#">CHG9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	265#		■
<a href="#">CHG9592</a>	ST-95 OPQ	Permanent <b>Block Out</b>	2.4 SCK	78"	2,500	265#		
<b>Matte</b>								
<b>Majestic Litho</b>   60# bright white, high strength, matte-coated white litho paper stock designated for quality printing & high-speed converting.								
<a href="#">AP5102</a>	HR-51	Removable	2.4 SCK	78"	2,500	265#		
<a href="#">AP9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	265#		■
<b>Tag Stock</b>								
<b>8 Pt. C1S</b>   A white coated one side tag stock. Excellent for applications requiring a stiffer or more durable face stock.								
<a href="#">AI9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	415#		■

^ For more information see MAC3210 FSC Product Sheet

\* For more information see MAC3218 Precise/Trimless Guide

# FOILS AND COLOR PAPER



Product Number	Color	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC^	Precise*
<b>Foil</b>									
<b>Laminated Foil</b>   .000225" laminated foil on a white Kraft base sheet with acrylic top coating for high quality printing with solvent based, water-based or U.V. flexo inks. Can be embossed.									
<a href="#">AK2606</a>	Bright Silver	640-AT	All-temp Permanent	2.4 SCK	60"	2,500	310#		
<b>Metalized Paper</b>									
A mirror finished metalized face stock with acrylic top coating for outstanding print quality.									
<a href="#">SMP7802</a>	Bright Silver	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	254#		■
<a href="#">SMP9002</a>	Bright Silver	710VHP	Permanent	2.4 SCK	78"	2,500	254#		■
<b>Fluorescent</b>									
Matte coated graphic quality fluorescent that provides brilliance and visual impact.									
<a href="#">AJC9002</a>	Chartreuse	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
<a href="#">AJG9002</a>	Green	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
<a href="#">AJO9002</a>	Orange	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
<a href="#">AJP9002</a>	Pink	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
<a href="#">AJR9002</a>	Red	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
<a href="#">AJR7802</a>	Red	CHILL AT	All-temp Permanent	2.4 SCK	78"	Custom	270#		

\* For more information see MAC3218 Precise/Trimless Guide



A high-performance line of pressure-sensitive films engineered for today's high profile consumer products. Vivid™ white, clear and chrome film facestocks with advanced adhesives designed for squeezable, semi-rigid and rigid containers.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
<b>White Polystyrene</b>							
<b>2.6 mil</b>   Corona treated for print receptivity. Ideal for use as a coupon base.							
<a href="#">GF9001</a>	710VHP	Permanent	2.4 SCK	60"	2,500	250#	■
<b>White Vinyl</b>							
<b>3.4 mil</b>   White High performance soft vinyl. Top coated for optimal ink receptivity.							
<a href="#">VDG9511</a> <small>British Maritime 5609</small>	ST-95	Permanent	3.2 Kraft	60"	2,500	320#	
<a href="#">VDG9521</a>	ST-95	Permanent	65# C1S	60"	2,500	350#	
<b>White BOPP</b>							
<b>2.2 mil Squeeze</b>   Top coated for superior printability. Applications where repeated wall to wall squeezability is needed.							
<a href="#">SWP9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	205#	■
<a href="#">SWP9592-2</a>	ST-95	Permanent	1.2 mil PET	78"	2,500	155#	■
<b>2.6 mil</b>   Top coated, white pearlescent polypropylene face for striking graphic quality.							
<a href="#">PJ0102</a>	PUREfloat	Specialty Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ0192-2</a>	PUREfloat®	Specialty Permanent	1.2 mil PET	78"	2,500	188#	■
<a href="#">PJ3802</a>	MP238	Specialty Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ4512</a>	705VHP	High-tack Permanent	3.2 SCK	78"	2,500	240#	
<a href="#">PJ7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ7092-2</a>	711VHP	Direct Food Permanent	1.2 mil PET	78"	2,500	188#	■
<a href="#">PJ7212</a>	711VHP	Direct Food Perm, Heavy Coat Weight	3.2 SCK	78"	2,500	240#	
<a href="#">PJ7702</a>	CHILL AT FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ7792-2</a>	CHILL AT FDA	Direct Food All-temp Permanent	1.2 mil PET	78"	2,500	188#	■
<a href="#">PJ7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ7892-2</a>	CHILL AT®	All-temp Permanent	1.2 mil PET	78"	2,500	188#	■
<a href="#">PJ7902</a>	CHILL AT Extreme	All-temp Perm, Heavy Coat Weight	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ9001-78</a>	710VHP	Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PJ9012</a>	710VHP	Permanent	3.2 SCK	78"	2,500	240#	■
<a href="#">PJ9092-2</a>	710VHP	Permanent	1.2 mil PET	78"	2,500	188#	■
<b>2.4 mil</b>   Top coated white biaxially oriented polypropylene. Pearlescent face for striking graphic quality.							
<a href="#">PJL2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	182#	■
<a href="#">PJL2692-2</a>	640AT	All-temp Permanent	1.2 mil PET	78"	2,500	148#	■
<a href="#">PJL3892-2</a>	MP238	Specialty Permanent	1.2 mil PET	78"	2,500	165#	■
<a href="#">PJL7002</a>	7110VHP	Direct Food Permanent	2.4 SCK	78"	2,500	186#	■
<a href="#">PJL7702</a>	CHILL AT FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	186#	■
<a href="#">PJL7892-2</a>	CHILL AT	Direct Food Permanent	1.2 mil PET	78"	2,500	148#	■
<a href="#">PJL7792-2</a>	CHILL AT FDA	Direct Food All-temp Permanent	1.2 mil PET	78"	2,500	148#	■
<a href="#">PJL7092-2</a>	7110VHP	Direct Food Permanent	1.2 mil PET	78"	2,500	148#	■
<a href="#">PJL7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	186#	■
<a href="#">PJL9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	186#	■
<a href="#">PJL9092-2</a>	710VHP	Permanent	1.2 mil PET	78"	2,500	148#	■
<a href="#">PJL9592-2</a>	ST-95	Permanent	1.2 mil PET	78"	2,500	148#	■
<a href="#">PJL9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	182#	■

\* For more information see MAC3218 Precise/Trimless Guide



# PRIME FILM LABELSTOCKS



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
<b>White BOPP</b>							
<b>ALLURE® - 2.3 mil</b>   Top coated white polypropylene. Excellent printability for prime label applications.							
<a href="#">PTW1692-2</a>	PUREtac®	Permanent	1.2 mil PET	78"	2,500	170#	■
<a href="#">PTW2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	235#	■
<a href="#">PTW4511</a> Meets British Maritime 5609	705VHP	High-tack Permanent	3.2 SCK	60"	2,500	240#	
<a href="#">PTW7002</a>	711VHP	Direct Food, Permanent	2.4 SCK	78"	2,500	235#	■
<a href="#">PTW7702</a>	CHILL AT FDA	Direct Food, All-temp Perm	2.4 SCK	78"	2,500	220#	■
<a href="#">PTW7802</a>	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	220#	■
<a href="#">PTW8291-2</a>	ReLatch®	Peel/Reseal	1.2 mil PET	60"	2,500	165#	■
<a href="#">PTW8891-2</a>	MP880	Specialty Permanent	1.2 mil PET	60"	2,500	170#	■
<a href="#">PTW9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	235#	■
<a href="#">PTW9592-2</a>	ST95	Permanent	1.2 mil PET	78"	2,500	167#	■
<b>NEW! 2.0 mil Dairy Label</b>   Top coated white polypropylene. Excellent printability for prime label applications.							
<a href="#">DLF7102</a>	710DL	Permanent	2.4 SCK	78"	2,500		■
<a href="#">DLF7192-2</a>	710DL	Permanent	1.2 mil PET	78"	2,500		■
<b>NEW! 2.0 mil puREcycle™</b>							
<a href="#">PJN9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500		■
<a href="#">PJN9092-2</a>	710VHP	Permanent	1.2 mil PET	78"	2,500		■



<b>Chrome BOPP</b>							
<b>2.0 mil</b>   Top coated chrome polypropylene. Excellent printability for prime label applications.							
<a href="#">PTS1692-2</a>	PUREtac CL216	Permanent	1.2 mil PET	78"	2,500	165#	■
<a href="#">PTS2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PTS3892-2</a>	MP238	Specialty Permanent	1.2 mil PET	78"	2,500	165#	■
<a href="#">PTS7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#	■
<a href="#">PTS7891-2</a>	CHILL AT	All-temp Permanent	1.2 PET	60"	2,500	165#	■



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
<b>Clear BOPP</b>							
<b>Vivid Ice - 2.0 mil</b>   Top coated BOPP film for "No Label Look" for the food, cosmetic, beverage, and household cleaner market segments.							
<a href="#">PF0102</a>	PUREfloat®	Specialty Permanent	2.4 SCK	78"	2,500	186#	■
<a href="#">PF2602-78</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	205#	■
<a href="#">PF3892-2</a>	MP238	Specialty Permanent	1.2 mil PET	78"	2,500	165#	■
<a href="#">PF4502</a>	705VHP	High-tack Permanent	2.4 SCK	Custom	Custom	205#	
<a href="#">PF7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	205#	■
<a href="#">PF7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	205#	■
<a href="#">PF7892-2</a>	CHILL AT	All-temp Permanent	1.2 mil PET	78"	2,500	165#	■
<a href="#">PF9002-78</a>	710VHP	Permanent	2.4 SCK	78"	2,500	205#	■
<a href="#">PF9502-78</a>	ST-95	Permanent	2.4 SCK	78"	2,500	205#	■
<a href="#">PF9592-2</a>	ST-95	Permanent	1.2 mil PET	78"	2,500	165#	■
<a href="#">PTC1691-2</a>	PUREtac®	Permanent	1.2 mil PET	60"	2,500	165#	■
<a href="#">PTC8291-2</a>	ReLatch®	Peel/Reseal	1.2 mil PET	60"	2,500	165#	■
<b>Clear Polystyrene</b>							
<b>Opticlear® - 2.0 mil</b>   Corona treated for print receptivity. Ideal for use as a coupon base.							
<a href="#">GF9002-78</a>	710VHP	Permanent	2.4 SCK	78"	2,500	215#	■
<a href="#">GFC7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	215#	■
<b>1.5 mil</b>   Corona treated clear polystyrene with permanent adhesive. Ideal for use as a coupon base.							
<a href="#">CPS9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	185#	■
<b>Static Cling Clear Vinyl</b>							
<b>6.0 mil</b>   Top coated vinyl. Excellent flexo & thermal transfer printability.							
<a href="#">VAL0034-54</a>	n/a	Self-clinging	60#	54"	2,500	480#	
<b>Static Cling White Vinyl</b>							
<b>6.0 mil</b>   Top coated vinyl. Excellent flexo & thermal transfer printability.							
<a href="#">VCL0034-54</a>	n/a	Self-clinging	60#	54"	10,000	480#	

\* For more information see MAC3218 Precise/Trimless Guide

# DURABLE FILMS

## DURABLE FILMS

Labelstocks designed to withstand harsh outdoor environments including exposure to extreme temperatures as high as 302°F (150°C) and as low as -40°F (-40°C), acids, solvents, moisture and UV light. Clear films can also be used as a protective laminate.

These products feature an aggressive permanent acrylic adhesive and are suitable for many applications requiring a durable face and adhesive. Excellent flexo and thermal transfer printability with most resin and wax/resin ribbons. Compliance recognitions include UL969, CSA C22.2 and British Maritime 5609.

Product Number	Adhesive	Liner	Web Width	Length Ft	Approx. Wt. MMSI	Precise*	Wet Cell Battery	Chemical	Appliances/ Nameplates	Lawn & Garden	Overlaminates
<b>White Polypropylene</b>											
2.6 mil Gloss Top-coated   British Maritime 5609											
<a href="#">PJ6914</a>	MP690	3.2 SCK	60"	2,500	240#	■	■	■	■	■	
2.6 mil UV Resistant Matte Top-coated   (BOPP), UL 969, CSA C22 2 No. 015 (cUL), British Maritime 5609											
<a href="#">BDE6914</a>	MP690	3.2 SCK	60"	2,500	240#	■		■	■	■	
<b>White Flexible Vinyl</b>											
3.4 mil Matte Top-coated   (PVC), UL 969, CSA C22 2 No. 015 (cUL), British Maritime 5609											
<a href="#">VDG6911</a>	MP690	3.2 SCK	60"	2,500	320#	■		■	■	■	
<b>Clear Polyester</b>											
1.0 mil Gloss Top-coated   UL 969, CSA C22 2 No. 015 (cUL)											
<a href="#">FAB6914</a>	MP690	3.2 SCK	60"	2,500	250#	■			■	■	■
2.0 mil Gloss Top-coated   UL 969, CSA C22 2 No. 015 (cUL)											
<a href="#">FAD6914</a>	MP690	3.2 SCK	60"	2,500	250#	■			■	■	■
<a href="#">FAD4954</a>	PAT1	45# White Glassine	38.6"	2,500	232#			■	■	■	■
<b>White Polyester</b>											
2.0 mil Gloss Top-coated   UL 969, CSA C22 2 No. 015 (cUL), British Maritime 5609											
<a href="#">FCD6914</a>	MP690	3.2 SCK	60"	2,500	250#	■		■	■	■	
2.0 mil Semi-Gloss Top-coated   UL 969, CSA C22 2 No. 015 (cUL)											
<a href="#">FCD4954</a>	PAT1	50# White Glassine	43"	2,500	250#	■		■	■	■	
2.0 mil Matte Top-coated   British Maritime 5609											
<a href="#">FDD6919N</a> Laser Printable	MP690	3.2 SCK	60"	2,500	270#	■		■	■	■	
<b>Silver Polyester</b>											
2.0 mil Gloss Top-coated Bright Silver   UL 969, CSA C22 2 No. 015 (cUL)											
<a href="#">FED6914</a>	MP690	3.2 SCK	60"	2,500	250#	■			■	■	
<a href="#">FED4954</a>	PAT1	45# White Glassine	43.3"	2,500	232#	■		■	■	■	
2.0 mil Matte Top-coated Silver   UL 969, CSA C22 2 No. 015 (cUL)											
<a href="#">FFD6914N</a>	MP690	3.2 SCK	60"	2,500	250#	■			■	■	
<a href="#">FFD4954</a>	PAT1	45# White Glassine	38.6"	2,500	232#	■		■	■	■	
2.0 mil Gloss Top-coated Brushed Silver   UL 969, CSA C22 2 No. 015 (cUL)											
<a href="#">FGD6914N</a>	MP690	3.2 SCK	60"	2,500	250#	■			■	■	
2.0 mil Gloss Top-coated, Reverse Void Silver   UL 969											
<a href="#">FJD6914</a>	MP690	3.2 SCK	60"	2,500	250#	■			■	■	

\* For more information see MAC3218 Precise/Trimless Guide



**Mactac Certificates** – Mactac has received BS5609 Section 2 and Section 3 label certification tested by third party, Smithers Pira International, to provide our customers with a portfolio of solutions that can confidently meet recognized standards for durability and environmental resistance for chemical container labeling.

Product Number	Adhesive	Liner	Web Width	Length Ft	BS5609; 1986 Section 2	BS5609; 1986 Section 3	Print Method	Precise*	
<b>White BOPP</b>									
<b>2.6 mil Matte</b>									
<a href="#">BDE6914</a>	MP690	3.2 SCK	60"	2,500	■	<b>iimak</b> <b>Black Resin:</b> SP330 & SP575, <b>Ruby Red Resin:</b> DC300, <b>Green Resin:</b> DC300, <b>Bright Blue Resin:</b> DC300, <b>Yellow Resin:</b> DC305	Flexo & TT Printable	■	
<b>2.6 mil Gloss</b>									
<a href="#">PJ6914</a>	MP690	3.2 SCK	60"	2,500	■	<b>iSys</b> Label EDGE 850 Digital Label Printer & Toner	<b>Actega</b> Optafilm Flexo Inks Yellow, Red, Blue and Black	Flexo & TT Printable	■
<b>2.3 mil Gloss</b>									
<a href="#">PTW4511</a> Meets British Maritime 5609	705VHP	3.2 SCK	60"	2,500	■	<b>ITW Thermal Films</b> <b>Black Wax-Resin:</b> B325, <b>Red Wax-Resin:</b> B120	<b>Actega Optafilm Flexo Inks</b> Red and Gray	Flexo & TT Printable	
<b>White Polyethylene</b>									
<b>3.0 mil Matte</b>									
<a href="#">DSS4501</a>	705VHP	2.4 SCK	60"	2,500	■			Flexo & TT Printable	
<b>White Polyester</b>									
<b>2.0 mil Matte</b>									
<a href="#">FDD6919N</a>	MP690	3.4 C1S	60"	2,500	■	<b>iSys</b> Label EDGE 850 Digital Label Printer & Toner	<b>Primera</b> CX1200 & CX1000 Color Digital Printer	Laser & Impact Printable	■
<b>2.0 mil Gloss</b>									
<a href="#">FCD6914</a>	MP690	3.2 SCK	60"	2,500	■	<b>ITW Thermal Films</b> <b>Black Resin:</b> B324 & B325, <b>Red Resin:</b> B324R; <b>DNP Black Resin:</b> R300, w <b>Red Resin:</b> R510;	<b>iimak</b> <b>Black Resin:</b> SP330 & SP575, <b>Ruby Red Resin:</b> DC300, <b>Green Resin:</b> DC300, <b>Bright Blue Resin:</b> DC300, <b>Yellow Resin:</b> DC305  <b>Armor SAS</b> <b>Black Resin:</b> AXR8, AXR7+, AXR600, <b>Red Resin:</b> AXR600R	Flexo & TT Printable	■
<b>White Vinyl</b>									
<b>3.4 mil Matte</b>									
<a href="#">VDG9511</a> Meets British Maritime 5609	ST-95	3.2 CK	60"	2,500	■			Flexo & TT Printable	
<a href="#">VDG6911</a>	MP690	3.2 SCK	60"	2,500	■	<b>ITW Thermal Films</b> <b>Black Wax-Resin:</b> B128, <b>Red Wax-Resin:</b> B120	<b>Actega Optafilm Flexo Inks</b> Yellow, Red, Blue and Black	Flexo & TT Printable	■

\* For more information see MAC3218 Precise/Trimless Guide

# LINTEC LABELSTOCKS



High performance durable film labelstocks designed to withstand extreme environments such as exposure to chemicals, high heat and water. They also have outstanding abrasion resistance. Used for Automotive, Appliance and Electronic Labeling.

Product Number	Description	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
<b>Overlaminates</b>							
<a href="#">LTC01238</a>	0.6 mil Clear Gloss Polyester	NPL	50# White Glassine	48.0"	2,500	166#	
<a href="#">LTC01290</a>	2.4 mil Unryu Texture Film	NPL	50# White Glassine	43.3"	3,280	175#	
<a href="#">LTC01275</a>	0.7 mil Soft Feel Clear Matte Polypropylene	#22	55# White Glassine	54.0"	2,500	180#	
<a href="#">LTC01278</a>	1.0 mil Clear Gloss Polyester	NPL	1.0 mil Clear PET	54.0"	2,500	138#	
<a href="#">LTC01288</a>	1.0 mil Clear Matte Polyester	NPL	50# White Glassine	38.6"	2,500	192#	
<a href="#">LTCFR1125-25</a>	1.0 mil Clear Matte Topcoated Polyester	Permanent	50# White Glassine	38.6"	Custom	192#	
<b>Oily Surface</b>							
<a href="#">LTCOT5020</a>	2.0 mil Silver Matte Polyester	Oil Tolerant	45# Blue Glassine	38.6"	3,280	242#	
<a href="#">LTCOT5040</a>	2.0 mil White Semi-Gloss Polyester	Oil Tolerant	45# Blue Glassine	43.3"	2,500	222#	
<a href="#">LTCOT5050</a>	2.0 mil Clear Gloss Polyester	Oil Tolerant	60# Blue Glassine	43.3"	2,500	276#	
<a href="#">LTCOT8060</a>	3.1 mil White Matte Polypropylene	Oil Tolerant	45# Blue Glassine	43.3"	2,500	238#	
<a href="#">LTCOT5038H</a>	2.0 mil White Gloss Polyester	Oil Tolerant HCW	50# White Glassine	47.2"	5,000	263#	
<b>Cryogenic</b>							
<a href="#">LTC01454</a>	2.0 mil Clear Gloss TT Printable Polyester	Cryogenic	45# White Glassine	43.3"	3,280	221#	
<a href="#">LTC01469</a>	2.0 mil White Semi-Gloss TT Printable Polyester	Cryogenic	50# White Glassine	43.3"	2,500	231#	
<a href="#">LTC01475</a>	3.9 mil White Matte DT Polypropylene	Cryogenic	45# Blue Glassine	42.5"	2,500	259#	
<a href="#">LTC01483</a>	2.2 mil White Matte Laser Printable Polyester	Cryogenic	63# Ivory Kraft	43.3"	2,500	259#	
<a href="#">LTC01495</a>	3.1 mil White Matte Destructible	Cryogenic	50# White Glassine	38.6"	3,280	218#	
<b>VOID</b>							
<a href="#">LTC01571</a>	1.5 mil Clear Gloss VOID Polyester	PAT1	60# Blue Glassine	38.6"	2,500	252#	
<a href="#">LTC01572</a>	1.5 mil Clear Non-residue VOID Polyester	Specialty VOID	60# Blue Glassine	37.8"	2,500	252#	
<a href="#">LTC01573</a>	1.5 mil Red Non-residue VOID Polyester	Specialty VOID	60# Blue Glassine	37.8"	2,500	252#	
<a href="#">LTC01574</a>	1.5 mil Blue Non-residue VOID Polyester	Specialty VOID	60# Blue Glassine	37.8"	2,500	252#	
<a href="#">LTC01583</a>	3.2 mil Red Non-residue VOID Polyethylene	Specialty VOID	45# Blue Glassine	38.6"	12,000	247#	
<a href="#">LTC01584</a>	3.2 mil Blue Non-residue VOID Polyethylene	Specialty VOID	45# Blue Glassine	38.6"	12,000	247#	
<a href="#">LTC01912</a>	2.0 mil White Gloss VOID Polyester	P293DS	50# White Glassine	38.6"	2,500	251#	■
<a href="#">LTC01934</a>	2.0 mil Black Gloss VOID Polyester	P259GS	57# White PCK	38.6"	3,280	270#	
<a href="#">LTC02573</a>	2.0 mil Matte Silver VOID Polyester	PAT1	50# White Glassine	38.6"	2,500	244#	
<a href="#">LTC02574</a>	2.0 mil Bright Silver VOID Polyester	PAT1	60# Blue Glassine	38.6"	2,500	266#	
<b>Footprint</b>							
<a href="#">LTC01218</a>	2.0 mil White Gloss Polyester	805RK	57# White PCK	43.3"	3,280	245#	
<a href="#">LTC02018</a>	2.0 mil Silver Matte Polyester	805RK	57# White PCK	38.6"	3,280	266#	
<b>Destructible</b>							
<a href="#">LTC03600S</a>	2.0 mil Clear Gloss Destructible PVC	PAT1	50# White Glassine	43.3"	2,500	235#	
<a href="#">LTC03503</a>	2.0 mil Silver Sparkle Gloss Destructible PVC	PAT1	50# White Glassine	40.2"	2,500	244#	
<a href="#">LTC03124</a>	2.0 mil White Satin Destructible PVC	PAT1	45# White Glassine	39.8"	2,500	247#	
<a href="#">LTCNVP50</a>	2.0 mil White Matte Destructible Non-PVC	DA1	45# Blue Glassine	39.4"	2,500	233#	■
<b>Breakaway</b>							
<a href="#">LTC01634</a>	79# Semi Gloss Paper	Etack	45# Blue Glassine	43.3"	2,500	303#	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Description	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
<b>YUPO</b>							
<a href="#">LTC09400</a>	3.1 mil White YUPO Polypropylene	PAT1	60# Blue Glassine	43.3"	2,500	261#	
<a href="#">LTC09402</a>	3.1 mil White YUPO Polypropylene	KV11	45# Blue Glassine	43.3"	2,500	227#	
<b>Low Ooze/Durable</b>							
<a href="#">FAB4954</a>	1.0 mil Clear Gloss Polyester	PAT1	45# White Glassine	38.6"	2,500	182#	
<a href="#">FAD4954</a>	2.0 mil Clear Gloss Polyester	PAT1	45# White Glassine	38.6"	2,500	232#	■
<a href="#">FCD0654</a>	2.0 mil White Gloss Polyester	P0066	45# White Glassine	43.3"	3,280	239#	
<a href="#">FCD0694-5</a>	2.0 mil White Gloss Polyester	P0066	1.5 mil PET	42.5"	3,280	203#	
<a href="#">FCD4954</a>	2.0 mil White Semi-Gloss Polyester	PAT1	50# White Glassine	43.3"	2,500	228#	■
<a href="#">FED4954</a>	2.0 mil Bright Silver Polyester	PAT1	45# White Glassine	43.3"	2,500	232#	■
<a href="#">FFD0654</a>	2.0 mil Chemical Matte Silver Polyester	P0066	45# White Glassine	38.6"	3,280	253#	
<a href="#">FFD4954</a>	2.0 mil Chemical Matte Silver Polyester	PAT1	45# White Glassine	38.6"	2,500	232#	■
<a href="#">LTC01229</a>	2.2 mil White Matte Laser Polyester	PM	63# Ivory Kraft	38.6"	2,500	276#	
<a href="#">LTC01897</a>	2.0mil White Semi-Gloss Polyester	P3090	1.5 mil PET	38.6"	6,560	187#	
<a href="#">LTC02025</a>	2.0 mil Physical Matte Silver Polyester	PAT1	45# Blue Glassine	43.3"	2,500	252#	
<b>Retroreflective</b>							
<a href="#">LTCRRF02</a>	3.9 mil Retroreflective film	PAT1	50# White Glassine	48.0"	1,640	339#	
<b>Chemical Resistant</b>							
<a href="#">LTC01980</a>	2.4 mil White Matte Durafol Polyester	P100	55# White Glassine	39.4"	2,500	306#	
<b>Hologram</b>							
<a href="#">LTCSS2010</a>	1.0 mil Hologram Polyester	Permanent	92# White Kraft	24.0"	3,280	292#	
<b>REPOP</b>							
<a href="#">LTCRE503S</a>	2.0 mil White Semi-Gloss Polyester	Silicone POP	75# White Kraft	42.5"	2,500	274#	
<a href="#">LTCRE505S48</a>	2.0 mil Clear Gloss Polyester	Silicone POP	75# White Kraft	48.0"	2,500	296#	
<b>Heat Resistant</b>							
<a href="#">LTCHR5220-50</a>	2.4 mil White Topcoated Polyimide	Silicone HR	2.0 mil Clear PET	18.9"	492	228#	
<a href="#">LTCHR5252-25</a>	1.4 mil White Topcoated Polyimide	Heat Resistant	65# Blue Glassine	18.9"	492	260#	
<a href="#">LTCHR3250-25</a>	1.6 mil White Topcoated Polyetherimide	Heat Resistant	65# Blue Glassine	19.3"	1,640	233#	
<b>Bubble Free</b>							
<a href="#">LTCMC5032</a>	2.0 mil White Semi-Gloss Polyester	Bubble Free	60# Blue Glassine	43.3"	3,940	262#	
<a href="#">LTCMC5052</a>	2.0 mil Clear Gloss Polyester	Bubble Free	60# Blue Glassine	43.3"	3,940	353#	
<a href="#">LTCMC5082</a>	2.0 mil Silver Matte Polyester	Bubble Free	60# Blue Glassine	43.3"	3,940	302#	
<a href="#">LTCVL7511</a>	3.0 mil White Matte Polypropylene	Outgas Resistant	45# Blue Glassine	37.4"	3,280	226#	
<b>Tire Label</b>							
<a href="#">LTC-TL50241138</a>	2.0 mil White Semi-Gloss Polyester	PT3	45# Blue Glassine	43.3"	20,000	245#	
<b>Recycle PET</b>							
<a href="#">LTCCKP5000</a>	2.0 mil Clear Gloss Polyester	Permanent	60# Blue Glassine	43.3"	2,500	266#	

\* For more information see MAC3218 Precise/Trimless Guide





## MP725 Adhesive

A special purpose permanent rubber-base adhesive. Provides excellent adhesion to rubber and many other difficult substrates

Min. App. Temp: +20°F (-7°C)

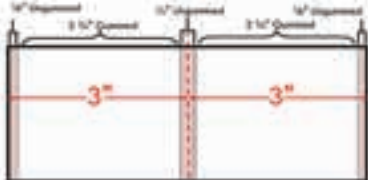
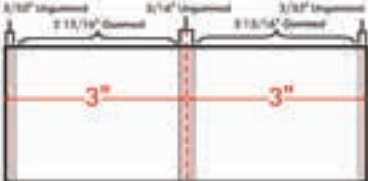
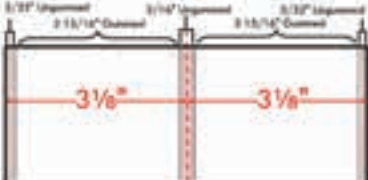
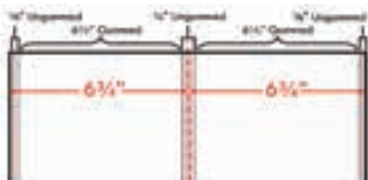

Service Range: -65°F to +150°F (-54°C to +65°C)

Solvent Resistance: No

### Hi-Tack Labelstocks

Product Number	Adhesive	Liner	Min MMSI	Length	Approx. Wt MMSI
<b>3.0 mil Matte Polypropylene - Full Gum</b>   A bright white BOPP film designed for thermal transfer printing as well as flexo printing.					
<a href="#">TLN2510G</a>	MP725 Full Gum Tire Adhesive	3.2 Kraft	1.215	2,500 ft	230#
<b>Polypropylene - Full Gum</b>   White top coated pearlescent polypropylene designed for the rubber and tire industry.					
<a href="#">TLL2511D</a>	MP725 Full Gum Tire Adhesive	3.2 Kraft	1.215	2,500 ft	220#

### Tire Label Pattern Coated Labelstocks

Product Number	Adhesive	Liner	Slit Width Increments	Length	Approx. Wt MMSI	Pattern	Comments
White top coated pearlescent polypropylene designed for the rubber and tire industry. Excellent adhesion to rubber. Please Note for Pattern Coated Products: Adhesive coating width tolerance is +/- 1/16"; Slitting in Ungummed area is +/- 1/16"; Total roll slit width tolerance remains standard 1/32".							
<a href="#">TLL2511F2Q</a>	MP725 Tire Adhesive	3.2 CTD Kraft	3", 6" & 9"	2,500 ft	220#		Pattern for TLL2511F2Q - is a backside coated liner
<a href="#">TLL2511D2</a>	MP725 Tire Adhesive	3.2 Kraft	3", 6" & 9"	2,500 ft	220#		Pattern for TLL2511D2 - is standard Kraft liner
<a href="#">TLL2511D2Q</a>	MP725 Tire Adhesive	3.2 CTD Kraft	3", 6" & 9"	2,500 ft	220#		Pattern for TLL2511D2Q - is a backside coated liner
<a href="#">TLL2511D3Q</a>	MP725 Tire Adhesive	3.2 CTD Kraft	3 1/8", 6 1/4" & 9 3/8"	2,500 ft	220#		Pattern for TLL2511D3Q - is a backside coated liner
<a href="#">TLL2511E4Q</a>	MP725 Tire Adhesive	3.2 CTD Kraft	6 3/4" & 13 1/2"	2,500 ft	220#		Pattern for TL-L2511E4Q - is a backside coated liner

# MACcopy<sup>®</sup> with Lay Flat Guarantee

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Cores	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Standard</b>									
<b>Lay Flat Guarantee</b> - Standard weight 50#, flexible face stock for use in most medium and high speed toner fusion printers and copiers. Also used in continuous form and some inkjet applications.									
<a href="#">LAS0912</a>	LT-20	Short-term Removable	3.2 CCK-LF	78"	Custom	6"	270#		
<a href="#">LAS1802</a>	MP-910	Laser Permanent	2.45 Kraft-LF	78"	2,500	6"	240#	■	
<a href="#">LAS1812</a>	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	270#	■	■
<a href="#">LAS1812RX</a>	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	270#	■	■
<a href="#">LAS1813</a>	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	3"	270#	■	■
<a href="#">LAS1813RX</a>	MP-910	Laser Permanent	3.2 SCK-LF	78"	2,500	3"	270#	■	■
<a href="#">LAS2612</a>	640-AT	All-temp Permanent	3.2 CCK-LF	78"	2,500	6"	270#	■	■
<a href="#">LAS5112</a>	HR-51	Removable	3.2 CCK-LF	78"	2,500	6"	270#	■	
<a href="#">LAS8612</a>	MR860	Removable	3.2 CCK-LF	78"	2,500	6"	270#	■	■
<a href="#">LAS9512</a>	ST-95	Permanent	3.2 CCK-LF	78"	2,500	6"	270#	■	■
<b>High-Gloss</b>									
<b>Lay Flat Guarantee</b> - Bright, white high-gloss for excellent image quality in most toner fusion printers and copiers where higher preprint flexographic quality and gloss are required. Test in desktop printers for suitability.									
<a href="#">LHG1812</a>	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	295#		
<b>Semi-Gloss</b>									
<b>Lay Flat Guarantee</b> - Bright, white semi-gloss designed for most toner fusion printers and copiers where higher preprint flexographic quality and gloss are required. Test in desktop printers for suitability.									
<a href="#">NS1812-78</a>	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	295#		

Please reference the following link regarding technical information: [www.mactac.com/RollLabelLiterature](http://www.mactac.com/RollLabelLiterature)

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide



Product Number	Color	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Cores	Approx. Wt MMSI	FSC^	Precise*
<b>Fluorescent</b>										
<b>Lay Flat Guarantee</b> - Lightweight fluorescent stock excellent for processing in most toner fusion desktop printers.										
<a href="#">NJC1802</a>	Chartreuse	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
<a href="#">NJG1802</a>	Green	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
<a href="#">NJO1802</a>	Orange	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
<a href="#">NJP1802</a>	Pink	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
<a href="#">NJR1802</a>	Red/Orange	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
<b>White Litho</b>										
<b>Matte   Lay Flat Guarantee</b> - Bright, white matte coated litho designed for most toner fusion printers and copiers where higher preprint flexographic is required. Test in desktop printers for suitability.										
<a href="#">AP9512LF</a>		ST-95	Permanent	3.2 Kraft-LF	78"	2,500	6"	295#		
<b>Polyester</b>										
<b>2.0 mil Matte Clear   Lay Flat Guarantee</b> - Laser printable primarily for desktop laser printers and photocopiers. Must be die-cut.										
<a href="#">LMC1811</a>		MP-910	Laser Permanent	3.4 CCK-LF	60"	2,500	6"	270#		
<b>2.0 mil Satin White   Lay Flat Guarantee</b> - Laser printable primarily for desktop laser printers and photocopiers. Must be die-cut.										
<a href="#">LWP1810</a>		MP-910	Laser Permanent	3.4 CCK-LF	52"	2,500	6"	270#		

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Cores	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>Paper</b>									
<b>50# Bright White   Lay Flat Guarantee</b> - Bright white dual purpose 50# face stock, designed for inkjet printing and desktop to medium speed toner fusion printers and copiers.									
<a href="#">LAS1802</a>	MP-910	Permanent	2.5 Kraft-LF	78"	2,500	6"	240#	■	
<b>Semi-Gloss</b>									
<b>60# Premium   Roll-to-Roll Only Lay Flat Guarantee</b> - Photo quality like stock that really makes your inkjet colors pop.									
<a href="#">JSG9002</a>	710VHP	Permanent	2.4 SCK	78"	2,500	3"	265#		■
<b>Matte</b>									
<b>Premium 60# Coated   Lay Flat Guarantee</b> - Photo quality like stock that really makes your inkjet colors pop. Very good water-fast properties.									
<a href="#">JM1802</a>	MP-910	Permanent	2.45 Kraft-LF	78"	2,500	6"	265#		■
<b>Polypropylene</b>									
<b>3.5 mil White Polypropylene  </b> White, glossy inkjet polypropylene.									
<a href="#">JWP9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	3"	230#		■
<b>White BOPP</b>									
<b>3.5 mil Matte  </b> Good water resistance; compatible with dye and pigment water-based inks.									
<a href="#">JMP9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	6"	265#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet  
 \* For more information see MAC3218 Precise/Trimless Guide

**LAY FLAT GUARANTEE** - Lay Flat products are designed for roll-to-sheet applications. They are guaranteed to exhibit Lay Flat properties of no greater than +/- 1/2" when evaluating an 8-1/2" x 11" sheet on a flat surface, face-up orientation in a climate controlled (70°F. / 50% R.H.) environment. Lay Flat products are supplied on 6" O.D. cores to prevent core related curl. Any products supplied on other than 6" cores are not guaranteed for Lay Flat against the parameters outlined above. See product Performance Guides for details.

Please reference the following link regarding technical information: [www.mactac.com/RollLabelLiterature](http://www.mactac.com/RollLabelLiterature)



The facestocks and adhesives listed on this page meet to the standards commonly required for scrapbooking and photo album applications. For the most up-to-date performance guides, visit us on-line at [mactac.com](http://mactac.com).

- Facestocks**
- pH of 7+ (TAPI T-509)
  - Lignin content of less than 1% (ANSI/MISO Z39.48-1992)
  - Comply to Toy Safety ASTM F963-96a & Hasbro SRS-012 RevF

- Adhesives**
- pH of +7 in liquid form
  - Passes Photographic Activity Test (ISO 1453)
  - LHAMA 16 CFR 1500.14(b)(8)
  - TRA 16 CFR 1500.3(b)(5) and (8)

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Core	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Semi-Gloss</b>									
<b>Platinum™   Lay Flat Guarantee</b> - Platinum High Bright Semi-Gloss is a brilliant white semi-gloss coated sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting. The sheet has exceptional smoothness, whiteness, gloss and opacity.									
<a href="#">AC5112LF<sup>+</sup></a>	HR-51	Removable	3.2 Kraft	78"	2,500	6"	295#	■	
<a href="#">AC8612LF<sup>+</sup></a>	MR860	Removable	3.2 Kraft	78"	Custom	6"	295#		
<a href="#">AC9512LF<sup>+</sup></a>	ST-95	Permanent	3.2 Kraft	78"	2,500	6"	295#	■	■
<b>Matte</b>									
<b>Majestic White Matte Litho   Lay Flat Guarantee</b> - A 60# bright white, high strength, matte-coated white litho paper stock designated for quality printing & high speed converting.									
<a href="#">AP9512LF<sup>+</sup></a>	ST-95	Permanent	3.2 Kraft	78"	2,500	6"	295#		
<b>Tag Stock</b>									
<b>8pt C1S</b>   A white coated one side tag stock. Excellent for applications requiring stiffer or more durable facestock. Meets the ANSI/NISO Z39.48 for permanence and contains an alkaline reserve of at least 2%.									
<a href="#">AI9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500		415#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide

**+ LAY FLAT GUARANTEE** Lay flat products are designed for roll-to-sheet applications. They are guaranteed to exhibit lay flat properties of no greater than +/- 1/2" when evaluating an 8-1/2" x 11" sheet on a flat surface, face-up orientation in a climate controlled (70°F. / 50% R.H.) environment. Lay flat products are supplied on 6" O.D. cores to prevent core related curl. Any products supplied on other than 6" cores are not guaranteed for lay flat against the parameters outlined above.

**Note:**

Mactac knows of no standard that exists today for the determination of pH on a dried/coated pressure-sensitive adhesive.

LHAMA Labeling of Hazardous Art Materials Act

TRA - Toxicological Risk Assessment



# INDIE®

## CERTIFIED STOCKS FOR INDIGO



Mactac's portfolio of INDIE® products for web Indigo covers diverse markets for nutraceutical, beverage, food, promotion and private labeling. Mactac INDIE products are certified for Indigo web printing to ensure consistent high quality.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC^	Precise*
<b>Semi-Gloss</b>								
<b>60# White</b>   High strength paper stock treated for Indigo web printing.								
<a href="#">ISG2602</a>	640-AT	All-temp Permanent	2.45 SCK	78"	2,500	265#	■	■
<b>Polypropylene</b>								
<b>2.6 mil White</b>   White pearlescent polypropylene treated for Indigo web printing.								
<a href="#">ILL2602</a>	640-AT	All-temp Permanent	2.45 Kraft	78"	2,500	210#		■

^ For more information see MAC3210 FSC Product Sheet  
 \* For more information see MAC3218 Precise/Trimless Guide


# DIRECT THERMAL PAPER



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>Non-Topcoated</b>								
 Non-top-coated direct thermal paper manufactured without added bisphenols for use in standard speed thermal printers. For visible light scanning up to 660nm.								
<a href="#">DTNN1702NB</a>	InFusion	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTNN1752NB-7</a>	InFusion	Permanent	Bloom hi.impact®	78"	2,500	211#		■
<a href="#">DTNN2602NB</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTNN7802NB</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTNN7852NB-7</a>	CHILL AT®	All-temp Permanent	Bloom hi.impact	78"	2,500	211#	■	■
<a href="#">DTNN9502NB</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<b>Optimal Performance</b>								
 Part of the Simply DT™ No Added Bisphenol product line, the Optimal Performance grade is a medium sensitivity direct thermal paper designed for Logistics applications. The Optimal Performance grade is used in standard speed thermal printers with good environmental resistance to heat and humidity and some plasticizers.								
<a href="#">DLTL2652-7</a>	640AT	All-Temp Permanent	Bloom hi.impact®	78"	2,500	211#		
<a href="#">DLTL2602</a>	640AT	All-Temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DLTL9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<b>Weight Scale</b>								
A medium sensitivity direct thermal paper with exceptional environmental resistance to plasticizers and for use in standard speed thermal printers. For visible light scanning up to 660nm.								
<a href="#">DTW1702NB</a>	InFusion	Permanent	2.4 SCK	78"	2,500	240#	■	■
<a href="#">DTW2602NB</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#	■	■
<a href="#">DTW7702NB</a>	CHILL AT FDA	Direct Food, All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTW7802NB</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTW7902NB</a>	CHILL AT Extreme	All-temp High Tack	2.4 SCK	78"	2,500	240#	■	■
<a href="#">DTW9502NB</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#	■	■
<b>Standard Topcoated</b>								
A medium sensitivity bright white direct thermal paper topcoated for optimum environmental resistance. For visible light scanning up to 660nm.								
<a href="#">DTM0902NB</a>	LT-20	Short-term Removable	2.4 SCK	78"	2,500	240#		
<a href="#">DTM8602NB</a>	MR860	Removable	2.4 SCK	78"	2,500	240#		■
<a href="#">DTM9502NB</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTM9502TRNB</a> Tight Release	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTM9600NB-52</a>	XT-100	High-tack Permanent	2.4 SCK	52"	2,500	240#	■	■
<a href="#">DTM9902NB</a>	XT99	High-tack Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TCDT1702</a>	InFusion®	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TCDT2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TCDT5102</a>	HR-51	Removable	2.4 SCK	78"	2,500	240#		■
<a href="#">TCDT7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500			■

••TCDT and DTM are 2 different DT TC facestocks



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Topcoated</b>								
For use in high speed or low voltage thermal printers. For visible light scanning up to 660nm.								
<a href="#">DTL9502NB</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">DTL9552NB-7</a>	ST-95	Permanent	Bloom hi.impact®	78"	2,500	211#		■
<b>I.R Scannable High Sensitivity</b>   Topcoated IR scannable direct thermal paper suitable for barcode scanning wavelength ranges from 633 nm to 1000nm								
<a href="#">DTR9902</a>	XT99	High-tack Permanent	2.4 SCK	78"	2,500	240#	■	■
<a href="#">DTR9502TR</a> Tight Release	ST-95	Permanent	2.4 SCK	78"	2,500	240#		
<a href="#">DTR9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<b>Medical</b>								
	<b>MacScript</b>   Bright White, medium/high sensitivity top coated DT paper for use in high speed or low voltage thermal printers.							
<a href="#">DDR9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet  
<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide

# DIRECT THERMAL FILMS



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Polypropylene</b>								
<b>Medium to High Sensitivity 3.2 mil White Direct Thermal Film  </b> Top coated direct thermal polypropylene film exhibiting excellent smoothness and resistance.								
<a href="#">DBH2601</a>	640-AT	All-temp Permanent	2.4 SCK	60"	2,500	210#		■
<a href="#">DBH9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	210#		■
<b>Medium to High Sensitivity 3.2 mil White Direct Thermal Film  </b> Direct thermal polypropylene film for use in high-speed thermal printers. Synthetic substrate exhibiting good environmental resistance.								
<a href="#">DPI2601</a>	640-AT	All-temp Permanent	2.4 SCK	60"	2,500	220#		■
<a href="#">DPI9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	220#		■
<a href="#">DPI9901</a>	XT99	High-tack Permanent	2.4 SCK	60"	2,500	220#		
<b>High Sensitivity 4.2 mil White Direct Thermal Film  </b> Direct thermal polypropylene for use in medium and high speed printers. Offers good strength, stiffness and environmental resistance.								
<a href="#">DPT1702</a>	InFusion <sup>®</sup>	Permanent	2.4 SCK	78"	2,500	220#		
<a href="#">DPT7802</a>	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	220#		
<a href="#">DPT7902</a>	CHILL AT <sup>®</sup> Extreme	All-temp Permanent	2.4 SCK	78"	2,500	220#		■
<b>High Sensitivity 3.1 Semi Clear Direct Thermal Film  </b> Polypropylene, coated direct thermal facestock for use in high speed thermal printers. Features good environmental resistance properties.								
<a href="#">CTD9501TR</a> Tight Release	ST-95	Permanent	2.4 SCK	60"	2,500	255#		

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Coated Paper</b>								
<b>OPTISCAN® C</b>   A premium bright white, coated face stock designed for high-speed thermal transfer printing. This smooth, smudge resistant face offers great thermal transfer printing and excellent flexo printing.								
<a href="#">TT1702</a>	InFusion®	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TT2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TT4502</a>	705VHP	High-tack Permanent	2.4 SCK	78"	2,500	240#	■	
<a href="#">TT5102</a>	HR-51	Removable	2.4 SCK	78"	2,500	240#		■
<a href="#">TT7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TT7802</a>	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TT8602</a>	MR860	Removable	2.4 SCK	78"	2,500	240#	■	■
<a href="#">TT9091-2</a>	710	Permanent	1.2 mil PET	60"	Custom	240#	■	
<a href="#">TT9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TT9552-7</a>	ST-95	Permanent	Bloom hi.impact®	78"	2,500	211#	■	■
<a href="#">TT9592 Block Out</a>	ST-95 OPQ	Permanent	2.4 SCK	78"	2,500	240#		■
<a href="#">TT9601</a>	XT-100	High-tack Permanent	2.4 SCK	60"	2,500	240#		■
<a href="#">TT9902</a>	XT99	High-tack Permanent	2.4 SCK	78"	Custom	240#		
<b>OPTISCAN L</b>   Coated face stock designed for medium-speed thermal transfer printing. This smudge resistant face offers good thermal transfer printing.								
<a href="#">TTL9302</a>	MP930	Permanent	2.4 SCK	78"	2,500	240#		■
<b>OPTISCAN V</b>   Densified smooth facestock designed for medium-speed thermal transfer printing. This smudge resistant face offers good thermal transfer printing.								
<a href="#">TTV1752-7</a>	InFusion	Permanent	Bloom hi.impact	78"	Custom	211#		
<a href="#">TTV9552-7</a>	ST-95	Permanent	Bloom hi.impact	78"	2,500	211#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide

**CUSTOMS** - Minimum volume and lead times sometimes change. Please contact Customer Service at 800-548-3456 for updated information about custom products.

# THERMAL TRANSFER FILMS

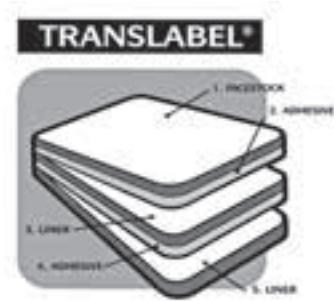
Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>Polypropylene</b>								
<b>DURASCAN® L - 3.0 mil</b>   A bright white 3.0 mil BOPP film designed for thermal transfer as well as flexo printing.								
<a href="#">TL1702</a>	InFusion®	Permanent	2.4 SCK	78"	2,500	250#		■
<a href="#">TL2602</a>	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	250#		■
<a href="#">TL5102</a>	HR51	Removable	2.4 SCK	78"	2,500	250#		
<a href="#">TL7001</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	Custom	250#		■
<a href="#">TL7802</a>	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	250#		■
<a href="#">TL8602</a>	MR860	Removable	2.4 SCK	78"	2,500	250#		
<a href="#">TL9502</a>	ST-95	Permanent	2.4 SCK	78"	2,500	250#		■
<a href="#">TL9600-52</a>	XT100	High Tack	2.4 SCK	52"	2,500	250#		
<b>KIMDURA® - 4.2 mil</b>   High-density polypropylene film, clay coated to provide an excellent thermal transfer printing surface and outstanding environmental resistance.								
<a href="#">KF9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500			
<a href="#">KF9511</a>	ST-95	Permanent	3.2 Kraft	60"	2,500	235#		
<b>DURASCAN Y - 3.2 mil Polypropylene</b>   White matte coated polypropylene facestock designed for medium-speed thermal transfer printing. Mactac exclusive. This resistant face offers excellent thermal transfer printing.								
<a href="#">TTY9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	250#		
<b>Polystyrene</b>								
<b>DURASCAN PCL - 2.0 mil</b>   Clear, high-gloss polystyrene is suitable for thermal transfer printing. Designed for indoor use and human readable data only.								
<a href="#">MT9008-78</a>	710VHP	Permanent	2.4 SCK	78"	Custom	215#		■
<b>Polyethylene</b>								
<b>DURASCAN S - 3.2 mil</b>   High density polyethylene film, clay coated to provide an excellent thermal transfer printing surface.								
<a href="#">DSS1701</a>	InFusion	Permanent	2.4 SCK	60"	2,500	230#		
<a href="#">DSS4501</a> Meets British Maritime 5609	705VHP	High-tack Permanent	2.4 SCK	60"	2,500	230#		■
<a href="#">DSS5001</a>	Glacier® 733	Freezer	2.4 SCK	60"	2,500	230#		
<a href="#">DSS7001</a>	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	230#		
<a href="#">DSS7201</a>	711VHP HCW	Direct Food Permanent <b>Heavy Coat Weight</b>	2.45 Kraft	60"	2,500	230#		
<a href="#">DSS9501</a>	ST-95	Permanent	2.4 SCK	60"	2,500	230#		

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>EDP</b>								
<b>Premium</b>   Bright white, 50# uncoated face sheet with excellent print quality for impact printing and press performance. Suitable for continuous laser form printing.								
<a href="#">EDP9512</a>	ST-95	Permanent	3.2 Kraft	78"	2,500	270#		■
<a href="#">EDP9012</a>	710VHP	Permanent	3.2 SCK	78"	2,500	270#	■	■
<a href="#">EDP8612</a>	MR860	Removable	3.2 Kraft	Custom	Custom	270#	■	
<a href="#">EDP7812</a>	CHILL AT <sup>®</sup>	All-temp Permanent	3.2 Kraft	78"	Custom	270#		



Product Number	Construction	Adhesive	Adhesive Type	Liner	Web Width	Length	Approx. Wt MMSI	FSC <sup>^</sup>
<b>EDP Piggyback</b>								
<b>TRANSLABEL<sup>®</sup></b>   50# EDP face stock in a piggyback construction.								
<a href="#">EDP9502PB</a>	1st ply	ST-95	Permanent	2.4 SCK	78"	Custom	400#	
	2nd ply	ST-95	Permanent	3.2 SCK				
<b>Direct Thermal Piggyback</b>								
<b>TRANSLABEL</b>   Medium sensitivity direct thermal paper in a piggyback construction.								
<a href="#">DTM9502PB</a>	1st ply	ST-95	Permanent	2.4 SCK	78"	2,500	400#	■
	2nd ply	ST-95	Permanent	2.4 SCK				■
<b>Thermal Transfer Piggyback</b>								
<b>TRANSLABEL</b>   OPTISCAN <sup>®</sup> 2C thermal transfer paper in a piggyback construction.								
<a href="#">TT9502PB</a>	1st ply	ST-95	Permanent	2.4 SCK	78"	2,500	400#	
	2nd ply	ST-95	Permanent	2.4 SCK				
<a href="#">TT2602PB</a>	1st ply	640-AT	All-temp Permanent	2.4 SCK	Custom	Custom	400#	
	2nd ply	640-AT	All-temp Permanent	2.4 SCK				

<sup>^</sup> For more information see MAC3210 FSC Product Sheet  
<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide

# DIRECT FOOD CONTACT ADHESIVES



**Direct Food Label** - CHILL AT FDA Direct & 711VHP adhesive complies to 21 C.F.R. 175.125 (a) labels applied to poultry, dry foods, and processed, frozen, dried, or partially dehydrated fruits and vegetables and 21 C.F.R. 175.125 (b) labels applied to raw fruits and vegetables. Available with paper and film facestocks with standard adhesive coat weight and heavy adhesive coat weight.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>Paper</b>								
<b>PLATINUM PLUS</b>   Premium white 50# coated face stock.								
<a href="#">PLD7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	250#		■
<b>Semi-Gloss</b>								
<b>Platinum™</b>   A 60# brilliant white semi-gloss coated sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting. Exceptional smoothness, whiteness, gloss and opacity.								
<a href="#">AC7202</a>	711VHP HCW	Direct Food	2.4 SCK	78"	2,500	265#	■	■
<a href="#">AC7002</a>	711VHP	Direct Food	2.4 SCK	78"	2,500	265#		■
<b>Plantinum Extra Semi-Gloss</b>   55# Brilliant white semi-gloss coated litho								
<a href="#">SGL7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL7092-2</a>	711VHP	Direct Food Permanent	1.2 PET	78"	2,500	205#	■	■
<a href="#">SGL7702</a>	CHILL AT® FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
<a href="#">SGL7792-2</a>	CHILL AT FDA	Direct Food / All-temp Permanent	1.2 PET	78"	2,500	205#	■	■
<b>Dairy Label</b>								
<b>50#</b>   Lightweight dairy label is a white, flexible, uncalendered sheet that has high internal strength characteristics for high speed printing and converting.								
<a href="#">DLA7092-0</a>	711VHP	Direct Food	1.0 mil PET	78"	2,500	176#		■
<a href="#">DLA7072</a>	711VHP	Direct Food	2.5 NK	78"	2,500	222#		■
<b>Polypropylene</b>								
<b>ALLURE®</b>   Top coated 2.3 mil white polypropylene.								
<a href="#">PTW7002</a>	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	235#		■
<b>BOPP</b>								
<b>VIVID™ - 2.6 mil White</b>   Top coated white polypropylene								
<a href="#">PJ7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	210#		■
<a href="#">PJ7092-2</a>	711VHP	Direct Food Permanent	1.2 mil PET	78"	2,500	188#		■
<a href="#">PJ7702</a>	CHILL AT FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	210#		■
<a href="#">PJ7792-2</a>	CHILL AT FDA	Direct Food All-temp Permanent	1.2 mil PET	78"	2,500	188#		■
<a href="#">PJ7212</a>	711VHP HCW	Direct Food Perm <b>Heavy Coat Weight</b>	3.2 SCK	78"	2,500	240#		
<a href="#">PJL7002</a>	711VHP	Direct Food Permanent	1.2 mil PET	78"	2,500	175#		■
<a href="#">PJL7092-2</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	210#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

\* For more information see MAC3218 Precise/Trimless Guide

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*
<b>Direct Thermal</b>								
<b>Standard Topcoated</b>   Medium sensitivity bright white direct thermal paper topcoated for optimum environmental resistance. For visible light scanning up to 660nm.								
<a href="#">TCDT7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500			■
<b>Weight Scale</b>   Medium sensitivity topcoated direct thermal paper								
<a href="#">DTW7702NB</a>	CHILLAT® FDA	Direct Food, All-temp Permanent	2.4 SCK	78"	2,500	235#		■
<b>Thermal Transfer - Paper</b>								
<b>OPTISCAN® 2C</b>   A premium white for high speed thermal transfer printing.								
<a href="#">TT7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	240#		■
<b>Thermal Transfer - Films</b>								
<b>VIVID™ ICE - 2.0 mil Clear BOPP</b>   Top coated clear polypropylene								
<a href="#">PF7002</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	205#		■
<b>DURASCAN® S Polyolefin</b>   White smudge-resistant flexible polyolefin for thermal transfer, impact and flexo printing.								
<a href="#">DSS7001</a>	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	230#		
<a href="#">DSS7201</a>	711VHP HCW	Direct Food Permanent <b>Heavy Coat Weight</b>	2.4 SCK	60"	2,500	230#		
<b>DURASCAN L Polypropylene</b>   3.0 mil matte top coated white polypropylene for thermal transfer printing.								
<a href="#">TL7001</a>	711VHP	Direct Food Permanent	2.4 SCK	78"	Custom	250#		■

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

\* For more information see MAC3218 Precise/Trimless Guide



Bloom hi.impact® reduces the amount of liner going to the landfill by almost 30%. It is ultra-smooth, leading to better laydown of adhesive for an improved appearance. It's stronger and harder than other liners resulting in a better die-cutting surface. It's designed for superior converting with better silicone coverage and hold-out, making release and matrix stripping a breeze.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise <sup>*</sup>
<b>Semi-Gloss</b>								
<b>PLATINUM™ Extra</b>   55# Brilliant white semi-gloss coated litho								
<a href="#">SGL7852-7</a>	CHILL AT®	All-temp Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500	226#		■
<b>Thermal Transfer</b>								
<b>OPTISCAN® 2C</b>   Premium bright white, coated facestock for high-speed thermal transfer printing								
<a href="#">TT1752-7</a>	InFusion	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500			■
<a href="#">TT9552-7</a>	ST-95	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500	211#		■
<b>OPTISCAN V</b>   Densified vellum facestock designed for medium-speed thermal transfer printing								
<a href="#">TTV1752-7</a>	InFusion	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500			■
<a href="#">TTV9552-7</a>	ST-95	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500	211#		■
<b>Direct Thermal</b>								
<b>Non Top-coated</b>   medium sensitivity non-top coated direct thermal paper								
<a href="#">DTNN1752NB-7</a>	InFusion	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500		■	■
<a href="#">DTN2652NB-7</a>	InFusion	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500		■	■
<a href="#">DTNN7852-7</a>	CHILL AT	All-temp Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500	211#		■
<b>Top-coated</b>   A medium sensitivity top coated direct thermal paper								
<a href="#">DTL9552NB-7</a>	ST-95	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500	211#	■	■
<a href="#">DTW1752NB-7</a>	InFusion	Permanent	Bloom hi.impact <sup>+</sup>	78"	2,500		■	■

+ 1.6 mil Glassine

<sup>^</sup> For more information see MAC3210 FSC Product Sheet

<sup>\*</sup> For more information see MAC3218 Precise/Trimless Guide



**Locations**

Troy, Ohio      Chicago      New York      Los Angeles

**Minimums and Tolerances**

	Stock	Trimless	Custom			
			Stocking facestock	Custom facestock	Strip-gum	Customer supplied facestock
<b>Minimum Order Qty</b>	1,668' x trim width (52", 54", or 60")	5,000' x 3" or 10,000' x 4" (See Trimless/ Precise Guide)	3 mmsi	At least 7 mmsi or more based upon mill minimum	3 mmsi pending pattern approval	14 mmsi
<b>Slitting Tolerances</b>	+/- 1/32	+/- 1/32	+/- 1/32	+/- 1/32	+/- 1/32	+/- 1/32
<b>Shipping Tolerances</b>	+/- 10%	+/- 10%	+/- 20%	+/- 20%	+/- 20%	+/- 20%

**Standard Charges**

**Short rolls upcharges (available for stocking masters only)**

1000' to 1667'	+\$0.05 / msi
500' to 999'	+\$0.10 / msi
Less than 500'	custom quote

**Rewinding Rolls**

To rewind rolls together      +\$0.15 / msi; normal leadtimes do not apply

**Slitting (52", 54", or 60" masters)**

1 - 20 rolls	no charge
21 - 30 rolls	+\$0.04 / msi
31+ rolls	custom quote

**Cores**

Cores for stock or custom items 6" cores for laser and inkjet products      No charge for 3" or 6" cores  
Layflat laser and inkjet products will be delivered on 6" cores unless otherwise requested. Though no upcharge applies for 3" cores, these products are only warranted for layflat on 6" cores. Trimless items must be delivered on the core size listed in the Trimless/Precise Guide.

**Packaging**

Special packaging requests may be handled through your customer support representative.

For additional information, including data sheets, samples, quotes, updated catalogs, and Trimless/Precise lists, please visit our website at [www.spinps.com](http://www.spinps.com), or contact your sales or customer support representative.



**Pallets**

**Pallets:**

All rolls must completely fit within 1" of the pallet edge

Rolls will be packed on the "Best Fit" pallet and orientation based on the size of the order

Customer requested pallet size will be used **UNLESS** the order size is not adequate to secure (*small orders or the last pallet of an order will be packaged on "Best Fit"*)

Customer **REQUIRED** pallet size or packaging orientation for ALL orders may require signed waiver and possible upcharge

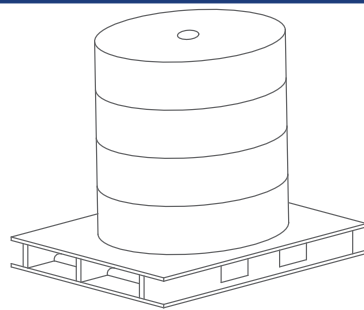
Best effort will be made to pack same widths together whenever possible

Stocking Pallet Sizes		Max Height (including pallet)
32.5 x 32.5	2 Way	36"
36 x 36	2 Way	36"
48 x 40	4 Way	45"
64 x 30	4 Way	36"

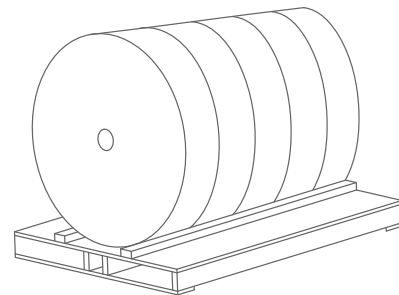
**Packaging Orientation**

Under 5,000' (<26" OD)  
Orders: **Poker Chip**

Over 5,000' (>26" OD)  
Orders: **Cradle Pack** (16" minimum required for Cradle Pack - equivalent to 1/2 pallet coverage 32.5 x 32.5)



Poker Chip



Cradle Pack

**Packaging Supplies:**

	Edge Protectors	Slip Sheets (beneath & between rolls)	Core Inserts	Pallet Liner	Corrugated Wedge	Plastic Sheet (covering over top of pallet)	Stretch Wrap	Core Plugs
Cradle Pack	X	upon request	X	X	X	X	X	upon request
Poker Chip	upon request	X	X	X		X	X	

Core inserts are long corrugated shafts used in the stack to stabilize the rolls / Core plugs are plastic/wood plugs used on individual rolls



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Semi-Gloss</b>									
<b>40#</b>   A highly flexible semi-gloss featuring a very smooth print surface. Recommended for tight mandrel applications.									
<a href="#">47538</a>	BP-52	Acrylic, Permanent	40#	60"	10/5	211#		■	
<a href="#">47539</a>	BC-20™	Rubber, Permanent	40#	60"	10/5	209#		■	
<a href="#">48036</a>	FC-125	Rubber, Permanent	40#	60"	10/5/2.5	209#		■	
<b>54# Primeglos™</b>   A 54# bright white sheet featuring high CD tensile and MD tear, great die cutting and stripping characteristics, and good stiffness for dispensing. Low Parker Print and exceptional gloss make this sheet printable with all standard flexo and letterpress inks.									
<a href="#">42004</a>	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	238#		■	
<b>58# Primeglos™</b>   A bright white, semi-gloss litho with excellent strength and print characteristics. It is printable by continuous laser when used with the appropriate adhesive and liner combinations.									
<a href="#">48573</a>	BP-164	Rubber, Permanent	50#	60"	10/5/2.5	274#		■	
<a href="#">48561</a>	BP-52	Acrylic, Permanent	40#	60"	10/5	249#		■	
<a href="#">48584</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	247#		■	
<a href="#">49340</a>	XYZ™(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	244#		■	
<a href="#">48575</a>	LiftOff™	Rubber, Removable	40#	60"	5/2.5	238#		■	
<a href="#">48571</a>	GripTight™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	253#		■	
<a href="#">48572</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	253#		■	Textured Surface
<a href="#">48560</a>	B-91	Acrylic, Removable	40#	60"	10/5/2.5	247#		■	
<a href="#">48562</a>	GPR™	Acrylic, Removable	40#	60"	10/5/2.5	249#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000 ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Semi-Gloss</b>									
<b>Layflat</b>   An archival quality, semi-gloss sheet engineered to remain stable and flat after flexo and laser printing, providing easy collating and packaging. It is appropriate for both desktop and commercial laser printing.									
<a href="#">42241</a>	BP-52	Acrylic, Permanent	3.2LF	60"	10/5	247#		■	Laser / Archival
<a href="#">43598</a>	HTR-1	Acrylic, Removable	3.2LF	60"	10/5	247#		■	
<b>60#</b>   A bright white, semi-gloss litho with excellent strength characteristics. This sheet is printable with UV and water-based flexo, and UV letterpress inks. The lower basis weight creates an economical sheet, without sacrificing quality.									
<a href="#">49535</a>	ATP™	Acrylic, Permanent	40#		10/5	255#		■	
<a href="#">49834</a>	Frostbite™	Rubber, Permanent	40#		10/5	252#		■	
<b>High-Gloss</b>									
A cast coated paper featuring a mirror finish; ideal for a wide variety of printing technologies.									
<a href="#">43578</a>	B-82	Rubber, Permanent	40#	60"	5	244#		■	
<a href="#">43523</a>	BP-164	Rubber, Permanent	40#	60"	5	244#		■	
<a href="#">43575</a>	BC-20™	Rubber, Permanent	40#	60"	10/5	244#		■	
<a href="#">43576</a>	ATP™	Acrylic, Permanent	40#	60"	5/2.5	247#		■	
<b>Matte</b>									
<b>Covermatte™</b>   A matte topcoated, high bright paper featuring a dark gray opaque barrier coat applied to the backside for added opacity. Useful for hiding underlying text or graphics. This sheet offers excellent ink receptivity and smudge resistance, and can be laser printed.									
<a href="#">41738</a>	BP-164	Rubber, Permanent	40#	60"	5/2.5	251#		■	
<b>Ultra Matte™ Litho</b>   A premium, matte-coated paper featuring superior smudge resistance, high brightness, and high opacity. This sheet offers great ink receptivity, and can also be laser printed.									
<a href="#">49221</a>	4LZ™(2020)	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	258#		■	
<a href="#">43168</a>	B-82	Rubber, Permanent	40#	60"	5	251#		■	
<a href="#">41744</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	251#		■	
<a href="#">41668</a>	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	251#		■	
<a href="#">41831</a>	ATP	Acrylic, Permanent	50#	60"	10/5/2.5	281#		■	
<a href="#">41721</a>	B-92	Acrylic, Removable	40#	60"	5	253#		■	
<a href="#">41658</a>	BC-20	Rubber, Permanent	40#	60"		251#			

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Facestock	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Tag Stock</b>										
<b>8pt C1S Tag</b>   A C1S tag stock designed to be used in applications requiring high strength and stiffness, such as hang tags and shelf talkers.										
<a href="#">28809</a>	8pt C1S Tag	Face Only		Ungum	52.75"	10/5	227#		■	
<a href="#">46532</a>	8pt C1S Tag	BP-165	Rubber, Permanent	40#	60"	5/2.5	352#		■	
<b>Colors</b>										
<b>60# Fluorescents</b>   A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.										
<a href="#">49742</a>	Chartreuse	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	249#		■	
<a href="#">49740</a>	Green	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	251#		■	
<a href="#">49739</a>	Orange	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	249#		■	
<a href="#">49738</a>	Pink	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	249#		■	
<a href="#">49741</a>	Red	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	249#		■	
<b>65# Natural Kraft</b>   An unbleached, brown kraft facestock with excellent strength and tear resistance. This facestock has a high degree of stiffness and is not recommended for use on more than lightly curved surfaces, or for application around corners due to possible label lift.										
<a href="#">42818</a>	Natural Kraft	BP-164	Rubber, Permanent	40#	52"	10/5/2.5	263#		■	
<b>Metalized Papers</b>										
<b>Bright Silver Metalized Paper</b>   A bright silver, acrylic top-toated metalized paper. It is printable with a variety of methods, including water-based and UV flexo.										
<a href="#">41674</a>	Bright Silver	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	242#		■	
<b>Reverse Coated Bright Silver Metalized Paper</b>   A silver metalized paper with the adhesive laminated to the metalized side of the sheet. This sheet provides excellent opacity and very good barrier characteristics (i.e. candles)										
<a href="#">41675</a>	Reverse Coated Bright Silver	BC-20	Rubber, Permanent	40#	60"	5	242#		■	
<b>Laminated Foils</b>										
A .000285 mil foil laminated to a 55# coated base paper. This foil has an acrylic top coat specifically designed for use with water- and solvent-based inks.										
<a href="#">41779</a>	AC Bright Silver	BP-164	Rubber, Permanent	40#	60"	5/2.5	278#		■	
<a href="#">41663</a>	AC Bright Silver	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	278#		■	
<a href="#">41664</a>	AC Dull Silver	BC-20	Rubber, Permanent	40#	60"	5/2.5	278#		■	
<a href="#">41740</a>	AC Bright Gold	BP-164	Rubber, Permanent	40#	60"	5/2.5	278#		■	
<a href="#">41656</a>	AC Bright Gold	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	278#		■	
<a href="#">41739</a>	AC Dull Gold	BP-164	Rubber, Permanent	40#	60"	5/2.5	278#		■	
<a href="#">AK2606</a>	Bright Silver	640-AT	All-temp Permanent	2.4 SCK	60"	2.5	310#			

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Digital Papers</b>									
<b>Digital Semi-Gloss</b>   This glossy, white top-coated 55# Semi Gloss is appropriate for Domino UV inkjet printing. This facestock is not recommended for wet applications.									
<a href="#">49224</a>	XYZ™ (2020)	Acrylic, Permanent	40#	60"	5/2.5	238#		■	
<a href="#">42707</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	240#		■	
<a href="#">42708</a>	ATP™	Acrylic, Permanent	40#	60"	10/5/2.5	242#		■	
<b>Bright Silver Metallized Paper</b>   A bright silver, acrylic top-coated metallized paper. It is printable with a variety of methods, including water-based and UV flexo.									
<a href="#">41674</a>	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	242#		■	
<b>Cover-Up</b>									
<b>Covermatte™</b>   A matte topcoated, high bright paper featuring a dark gray opaque barrier coat applied to the backside for added opacity. Useful for hiding underlying text or graphics. This sheet offers excellent ink receptivity and smudge resistance, and can be laser printed.									
<a href="#">41738</a>	BP-164	Rubber, Permanent	40#	60"	5/2.5	251#		■	
<b>58# Primeglos™ Cover</b>   A bright white, premium semi-gloss litho with a dark gray opaque barrier coat applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden. This facestock demonstrates excellent print characteristics when printed using flexo, offset, or letterpress. It can be continuous laser printed when used with the appropriate adhesive and liner combination.									
<a href="#">48944</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	247#		■	
<b>Coverglos™</b>   A cast coated, high-gloss paper featuring a dark gray barrier coat applied to the backside for added opacity. Useful for hiding underlying text or graphics. The mirror finish of this sheet makes it an excellent sheet for printing.									
<a href="#">43574</a>	B-82	Rubber, Permanent	40#	60"	10/5/2.5	244#		■	
<a href="#">43522</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	244#		■	
<b>Semi-Gloss Cover</b>   This glossy, white HP Indigo-ready 55# Semi Gloss is top-coated for excellent adhesion of HP Indigo liquid ink to the facestock. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden. This facestock is not recommended for wet applications.									
<a href="#">43469</a>	BP-164	Rubber, Permanent	40#	60"	5/2.5	240#		■	
<b>Piggyback</b>									
<b>58# Primeglos</b>   A bright white, premium semi-gloss litho that demonstrates excellent print characteristics when printed using flexo, offset, or letterpress.									
<a href="#">48579<sup>+</sup></a>	BP-52/BP-52	Acrylic, Permanent/ Acrylic, Permanent	40#/50#	60"	Custom	403#			

\* For more information see MAC3218 Precise/Trimless Guide

+ Discontinued after inventory is depleted.



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Impact</b>									
<b>50# EDP</b>   A bright white, uncoated label paper suitable for general impact printing.									
<a href="#">43883</a>	SC-21	Rubber, Permanent	50#	60"	10/5/2.5	257#		■	
<a href="#">43891</a>	ATP™	Acrylic, Permanent	50#	60"	5/2.5	256#		■	
<b>Inkjet Paper (water-based)</b>									
<b>DiversiPrint®</b>   This stock is a bright white, uncoated paper designed to be compatible with most low-speed and high-speed laser printers. It also works well in many color and monochrome inkjet printers. Its dimensional stability and strength properties make it an excellent choice for laser and inkjet applications.									
<a href="#">49191</a>	4LZ™(2020)	Acrylic, Permanent	3.2 LF		10/5/2.5	235#		■	
<a href="#">4216</a>	ATP™	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	239#		■	
<a href="#">41404</a>	A-ATP™	Acrylic, Light Coat Weight	3.5 LF		10/5/2.5	244#		■	Monroney
<a href="#">45351</a>	ATP	Acrylic, Permanent	50#		5/2.5	257#		■	
<a href="#">45087</a>	GPR™	Acrylic, Removable	3.2 LF	54"	10/5/2.5	239#		■	
<b>Endura®</b>   An inkjet durable paper is a saturated and coated paper facestock that offers the high durability and chemical resistance that you would only expect from a film facestock. This product offers exceptional printability via flexo and water-based inkjet platforms.									
<a href="#">48909</a>	C-122F™	Acrylic, Heavy Coat Weight	50#		10/5/2.5	239#		■	Meets British Maritime 5609
<a href="#">49285</a>	XYZ™(2020)	Acrylic, Permanent	40#		10/5/2.5	249#		■	
<b>Gloss</b>   This glossy paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics.									
<a href="#">JG1801</a>	MP-910	Permanent	2.45 Kraft-LF	60"	5	270#		■	
<a href="#">JG2701</a>	MP-910	Permanent	40#	60"	10/5/2.5			■	
<a href="#">JG3001</a>	CLD-10	Rubber, Permanent	40#	60"	10/5/2.5	255#		■	
<b>Premium Matte</b>   This premium matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. Both dye and pigment-based inks. This is a true matte sheet that delivers excellent photo images, color graphics, and sharp text. It offers fast ink dry time and wet-rub/smudge resistance.									
<a href="#">50276</a>	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	252#		■	
<b>Satin Matte</b>   This matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics.									
<a href="#">45772</a>	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	255#		■	
<a href="#">48482</a>	CLD-10	Rubber, Permanent	40#	60"	10/5/2.5	249#		■	
<b>Premium Matte InkJet Paper Cover-Up</b>   This opaque matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.									
<a href="#">50335 Paper</a>	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	255#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Laser</b>									
<b>Semi-Gloss Layflat</b>   An archival quality, semi-gloss sheet engineered to remain stable and flat after flexo and laser printing, providing easy collating and packaging. It is appropriate for both desktop and commercial laser printing.									
<a href="#">42241</a>	BP-52	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	247#		■	laser/archival
<a href="#">43598</a>	HTR-1	Acrylic, Removable	3.2 LF	60"	5/2.5	247#		■	
<b>DiversiPrint®</b>   This stock is a bright white, uncoated paper designed to be compatible with most low-speed and high-speed laser printers. It also works well in many color and monochrome inkjet printers. Its dimensional stability and strength properties make it an excellent choice for laser and inkjet applications.									
<a href="#">49191</a>	4IZ™(2020)	Acrylic, Permanent	3.2 LF	54"	10/5/2.5	235#		■	
<a href="#">4216</a>	ATP™	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	239#		■	
<a href="#">41404</a>	A-ATP™	Acrylic, Light Coat Weight	3.5 LF	60"	10/5/2.5	244#		■	
<a href="#">45087</a>	GPR™	Acrylic, Removable	3.2 LF	54"	Custom	239#			
<b>DiversiPrint® Cover-up</b>   This stock is a bright white, uncoated paper designed to be compatible with most low-speed and high-speed laser printers. It also works well in many color and monochrome inkjet printers. Its dimensional stability and strength properties make it an excellent choice for laser and inkjet applications. The cover-up primer is an opaque barrier coating that inhibits show-through of text and graphics on the substrate beneath the label.									
<a href="#">504</a>	AP-52	Acrylic, Light Coat Weight	3.2 LF	54"	10/5/2.5	245#		■	
<b>Laser Latex</b>   A C2S saturated paper designed to have excellent toner receptivity in a variety of laser printers, while offering the same strength and environmental properties of a typical latex sheet. Common applications include drum labeling and shelf marking.									
<a href="#">1495</a>	ATP	Acrylic, Permanent	3.5 LF	60"	5/2.5	270#		■	
<b>Ultra Matte™ Litho</b>   A premium, matte-coated paper featuring superior smudge resistance, high brightness, and high opacity. This sheet offers great ink receptivity, and can also be laser printed.									
<a href="#">49221</a>	4IZ (2020)	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	258#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Thermal Transfer</b>									
<b>45# CTT</b>   A premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability.									
<a href="#">46155</a>	BC-20™	Rubber, Permanent	40#	60"	5/2.5	219#		■	
<a href="#">41666</a>	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	216#		■	
<a href="#">41801</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	219#		■	Freezer
<a href="#">47578</a>	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	225#		■	
<a href="#">42834</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	225#		■	
<a href="#">43184</a>	LiftOff™	Rubber, Removable	40#	60"	5	211#		■	
<a href="#">45360</a>	GPR™	Rubber, Removable	40#	60"	10/5	221#		■	
<b>48# CCT</b>   A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers.									
<a href="#">41652</a>	BC-20	Rubber, Permanent	40#	60"	10/5	223#		■	
<b>55# CTT</b>   A C1S, matte white paper designed for excellent thermal transfer printability. This sheet is not recommended for flood coating.									
<a href="#">41680</a>	BP-52	Acrylic, Permanent	40#	60"	5/2.5	242#		■	
<a href="#">41679</a>	SP-184	Acrylic, Permanent	40#	60"	5/2.5			■	
<b>Direct Thermal</b>									
<b>ScanTherm™ NTC</b>   A direct thermal facestock designed for short-duration labeling. As the sheet does not have a grease resistant top coating, it is not suitable for applications requiring water or chemical resistance (solvents, oils, fats, or similar substances).									
<a href="#">45631</a>	A-BC-20™	Rubber, Light Coat Weight	40#	60"	10/5/2.5	228#		■	
<a href="#">45632</a>	LiftOff™	Rubber, Removable	40#	60"	5	223#		■	
<b>ScanTherm Ultra</b>   A standard sensitivity, ultra-low abrasion, general purpose direct thermal paper designed to cover a broad range of applications, including industrial and weigh scale applications. It is top coated for resistance to water, oil, and other chemicals and offers good heat and light resistance.									
<a href="#">49657</a>	BC-20	Rubber, Permanent	40#	60"	10/5	226#		■	
<a href="#">49701</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	226#		■	
<a href="#">49700</a>	XYZ™	Acrylic, Permanent	40#	60"	Custom	224#			
<b>ScanTherm Industrial</b>   A direct thermal paper with a chemically resistant topcoating that provides exceptional image durability in industrial environments withere chemicals and other cleaners may be present. The higher activation temperature offers more durability than a standard direct thermal product, with additional resistance to light, heat, and moisture.									
<a href="#">47783</a>	Grip-Tight™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	244#		■	
<a href="#">47784</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	244#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Cover-Up</b>									
<b>DiversiPrint® Cover-up</b>   This stock is a bright white, uncoated paper designed to be compatible with most low-speed and high-speed laser printers. It also works well in many color and monochrome inkjet printers. Its dimensional stability and strength properties make it an excellent choice for laser and inkjet applications. The cover-up primer is an opaque barrier coating that inhibits show-through of text and graphics on the substrate beneath the label.									
<a href="#">504</a>	AP-52	Acrylic, Light Coat Weight	3.2 LF	54"	10/5/2.5	245#		■	
<b>48# CCT Cover-up</b>   A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers. The opaque barrier coating on the backside of the facestock allow usage in applications requiring a no-see-through labelstock.									
<a href="#">41685</a>	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	126#		■	
<b>SafeTE™ C1S Cover-up</b>   A C1S paper designed to provide a high level of destructibility when combined with the appropriate adhesive. An opaque barrier coat applied to the backside of the facestock adds opacity for hiding underlying text or graphics. This facestock has sufficient tensile and tear properties to permit good performance on press.									
<a href="#">43080</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	253#		■	
<b>Piggyback</b>									
<b>ScanTherm™ Ultra Piggyback</b>   A standard sensitivity, ultra-low abrasion, general purpose direct thermal paper designed to cover a broad range of applications, including industrial and weigh scale applications. It is topcoated for resistance to water, oil, and other chemicals and offers good heat and light resistance.									
<a href="#">49734</a>	BP-52/BP-52	Acrylic, Permanent/ Acrylic, Permanent	40#/40#	60"	5	355#		■	
<b>45# CTT Piggyback</b>   A piggyback construction with a premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability.									
<a href="#">41808</a>	BP-52/BP-52	Acrylic, Permanent/ Acrylic, Permanent	40#/40#	54"	5/2.5	348#		■	
<b>Latex</b>									
<b>Laser Latex</b>   A C2S saturated paper designed to have excellent toner receptivity in a variety of laser printers, while offering the same strength and environmental properties of a typical latex sheet. Common applications include drum labeling and shelf marking.									
<a href="#">1495</a>	ATP™	Acrylic, Permanent	3.5 LF	60"	10/5	270#		■	Moisture resistant

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Facestock	Adhesive	Adhesive Type	Liner	Trim	Length	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Other</b>										
<b>65# Natural Kraft</b>   An unbleached, brown kraft facestock with excellent strength and tear resistance. This facestock has a high degree of stiffness and is not recommended for use on more than lightly curved surfaces, or for application around corners due to possible label lift.										
<a href="#">42818</a>	65# Natural Kraft	BP-164	Rubber, Permanent	40#	52"	10/5/2.5	263#		■	Brown kraft
<b>Reverse Coated Bright Silver Metalized Paper</b>   A silver metallized paper with the adhesive laminated to the metallized side of the sheet. This sheet provides excellent opacity and very good barrier characteristics (i.e. candles).										
<a href="#">41675</a>	Bright Silver Metalized Paper	BC-20™	Rubber, Permanent	40#	60"	5	242#		■	Candle base
<b>50# Liner Transfer Tape</b>										
<a href="#">50223</a>	50# Liner Transfer tape	MP376	Acrylic, Permanent	50#/40#	60"	10/5/2.5	245#		■	
<b>SafeTE™ C1S</b>   A C1S paper designed to provide a high level of destructibility when combined with the appropriate adhesive. This facestock has sufficient strength properties, such as tensile and tear, to permit good performance on press.										
<a href="#">43044</a>	SafeTE C1S	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	239#		■	
<b>SafeTE C1S Cover-up</b>   A C1S paper designed to provide a high level of destructibility when combined with the appropriate adhesive. An opaque barrier coat applied to the backside of the facestock adds opacity for hiding underlying text or graphics. This facestock has sufficient tensile and tear properties to permit good performance on press.										
<a href="#">43080</a>	SafeTE Cover-up	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	253#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Polypropylene</b>									
<b>2.0 mil TC Clear</b>   A biaxially-oriented film designed for prime label applications. Its acrylic top coat was specifically engineered for flexo ink receptivity.									
<a href="#">41918</a>	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	193#		■	
<a href="#">49220</a>	SFA™(2020)	Acrylic, Permanent	40# Brown	60"	10/5/2.5	184#		■	
<a href="#">49098</a>	SFA(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	188#		■	
<a href="#">49237</a>	SFA(2020)	Acrylic, Permanent	72#	60"	5/2.5	264#		■	
<a href="#">44243</a>	BC-20™	Rubber, Permanent	40# Brown	60"	10/5/2.5	186#		■	
<a href="#">41869</a>	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	191#		■	
<a href="#">41953</a>	B-122F	Acrylic, Permanent	50#	60"	10/5/2.5	216#		■	
<a href="#">1477</a>	B-122F	Acrylic, Permanent	44# PK	60"	5	196#		■	
<a href="#">41951</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5	191#		■	Freezer
<a href="#">44072</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5	197#		■	Textured Surface
<a href="#">41957</a>	B-91	Acrylic, Removable	40#	60"	5/2.5	191#		■	
<a href="#">44953</a>	GPR™	Acrylic, Removable	40#	60"	5/2.5	190#		■	
<a href="#">45585</a>	GPR	Acrylic, Removable	72#	60"	10/5	262#		■	Layflat Removable
<b>2.3 mil TC White</b>   A glossy white, biaxially-oriented polypropylene designed with a unique top coating to be compatible with water-based and solvent-based inks.									
<a href="#">41919</a>	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	209#		■	
<a href="#">49238</a>	SFA(2020)	Acrylic, Permanent	72#	60"	10/5/2.5	280#		■	
<a href="#">41875</a>	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	207#		■	
<a href="#">41954</a>	B-122F	Acrylic, Permanent	50#	60"	5	232#		■	
<a href="#">43455</a>	Frostbite	Rubber, Permanent	40#	60"	10/5	207#		■	Freezer
<a href="#">45089</a>	GPR	Acrylic, Removable	40#	60"	10/5/2.5	209#		■	
<b>2.6 mil TC White</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.									
<a href="#">42882</a> <sup>+</sup>	AmpClamp™	Rubber, Heavy Coat Weight	50#	60"	10/5/2.5	228#		■	
<a href="#">46953</a> <sup>+</sup>	GripTight™	Rubber, Heavy Coat Weight	50#	60"	10/5/2.5	228#		■	

\* For more information see MAC3218 Precise/Trimless Guide

+ Discontinued after inventory is depleted.



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Polypropylene</b>									
<b>2.6 mil White Pearlized BOPP</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity. This product offers great printability across many primary and secondary print methods.									
<a href="#">49078</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	192#		■	
<a href="#">49079</a>	LiftOff™	Rubber, Removable	40#	60"	5	184#		■	
<a href="#">49051</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	192#		■	
<a href="#">49299</a>	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	190#		■	
<a href="#">50311</a>	GripTight™	Rubber, Heavy Coat Weight	50#	60"	5/2.5	211#		■	
<b>2.6 mil White Pearlized BOPP Cover</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity. This product coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product offers great printability across many primary and secondary print methods.									
<a href="#">50266</a>	BP-164	Rubber, Permanent	40#	60"	10/5			■	
<b>2.0 mil PTC Bright Silver Metalized BOPP</b>   A very bright silver metalized PTC (pasteurizable topcoated) polypropylene facestock featuring excellent printability and high-gloss. Ideal for many prime label applications.									
<a href="#">49234</a>	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	188#		■	
<a href="#">42340</a>	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	190#		■	Craft Beverages
<a href="#">41890</a>	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5	188#		■	
<b>2.3 mil TC White Metalized BOPP</b>   A highly opaque, glossy white, biaxially-oriented polypropylene designed with a print-receptive top coat and metalized backside. It is ideal for cover-up as well as other prime label applications.									
<a href="#">41903</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	207#		■	Cover/Barrier
<a href="#">49190</a>	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	204#		■	Cover/Barrier
<a href="#">46154</a>	BC-20	Rubber, Permanent	40#	60"	Custom	207#			Craft Beverages

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Polypropylene</b>									
<b>2.3 mil TC White Skweeze™</b>   A topcoated, flexible, glossy white biaxially-oriented polypropylene film that exhibits full squeeze performance on rigid containers, such as shampoo and condiment bottles.									
<a href="#">41893</a>	B-122F™	Acrylic, Permanent	40#	60"	5/2.5	199#		■	
<b>Polystyrene</b>									
<b>1.5 mil Transparent</b>   A clear, rigid film used for prime label applications. This product is corona-treated for better printing and is appropriate for coupon technology.									
<a href="#">41880</a>	BC-20™	Rubber, Permanent	40#	60"	10/5	181#		■	
<a href="#">41899</a>	B-122F	Acrylic, Permanent	40#	60"	10/5	179#		■	
<b>2.0 mil Transparent</b>   A clear, rigid film used for prime label applications. It is corone-treated for better printing and is appropriate for coupon technology.									
<a href="#">42097</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	200#		■	
<a href="#">41900</a>	B-122F	Acrylic, Permanent	40#	60"	10/5	198#		■	
<b>Polyester</b>									
<b>2.0 mil Matte Silver</b>   A matte silver polyester film that offers high tear strength, heat resistance, dimensional stability, opacity and chemical resistance. It resists scuff and is appropriate for general durable use. The product shows excellent print characteristics for flexo and thermal transfer printing. This product is not recommended for laser printing.									
<a href="#">49235</a>	SFA™ (2020)	Acrylic, Permanent	50#	60"	5/2.5	252#		■	
<a href="#">50302</a>	SFA (2020)	Acrylic, Permanent	50#	60"	5/2.5			■	
<b>2.0 mil Matte White</b>   A topcoated, matte white polyester film featuring excellent laser print quality, adhesion, and durability. Features excellent print resolution, good resistance to weathering, and chemical resistance. Suitable for printing by all conventional printing processes, continuous laser, and thermal transfer when paired with appropriate ribbons.									
<a href="#">50249</a>	BP-52	Acrylic, Permanent	50#	54"	10/5/2.5			■	Meets British Maritime 5609
<b>2.0 mil TC Gloss White</b>   A topcoated, glossy white polyester facesheet offering high heat, tear, abrasion, solvent, and water resistance. It features excellent printability with conventional print methods, including thermal transfer when paired with the appropriate ribbon									
<a href="#">50283</a>	SFA™(2020)	Acrylic, Permanent	50#	54"	10/5/2.5			■	
<a href="#">50285</a>	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5			■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Polyester</b>									
<b>2.0 mil Oil Tolerant Gloss White Polyester</b>   2.0 mil topcoated white gloss polyester film designed for excellent printing, converting, and dispensing. Print test product and consult with your ink supplier to confirm suitability for your application.									
<a href="#">49944</a>	Oil Tolerant	Acrylic, Permanent	45# Blue Glassine		2	183#		■	
<b>2.0 mil TC Gloss White Laser</b>   A 2.0 mil white topcoated polyester film featuring excellent laser print quality, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents and water. It displays excellent clarity and sharpness for laser printing.									
<a href="#">50286</a>	4LZ	Acrylic, Permanent	3.5 mil LF	54"	10/5/2.5			■	
<b>2.0 mil TC Gloss Clear Laser</b>   A 2.0 mil clear topcoated polyester film featuring excellent laser print quality, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents and water. It displays excellent clarity and sharpness for laser printing.									
<a href="#">50250</a>	4LZ	Acrylic, Permanent	3.5 mil LF	54"	10/5/2.5			■	
<b>SafeTE™ White Void Polyester</b>   A topcoated, glossy white polyester film engineered to show tamper evidence, when paired with an appropriate adhesive, by leaving the word "VOID" in a diagonal pattern on the substrate and label when removed. This facestock has excellent tear strength, chemical resistance, and heat resistance.									
<a href="#">50287</a>	SFA™ (2020)	Acrylic, Permanent	50#	54"	5/2.5	250#		■	
<b>SafeTE Silver Void</b>   A topcoated, glossy silver polyester film engineered to show tamper evidence, when paired with an appropriate adhesive, by leaving the word "VOID" in a diagonal pattern on the substrate and label when removed. This facestock has excellent tear strength, chemical resistance, and heat resistance.									
<a href="#">50251</a>	SFA (2020)	Acrylic, Permanent	50#	54"	5/2.5			■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Cover-Up</b>									
<b>2.3 mil TC White Metalized BOPP</b>   A highly opaque, glossy white, biaxially-oriented polypropylene designed with a print-receptive topcoat and metallized backside. It is ideal for cover-up as well as other prime label applications.									
<a href="#">41903</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	207#		■	
<a href="#">49190</a>	SFA™ (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	204#		■	
<a href="#">46154</a>	BC-20™	Rubber, Permanent	40#	60"	Custom	207#			
<b>PrimeScan® Cover</b>   This product is a polyolefin-based, clay-coated film designed to offer over 98% opacity. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product is compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">48857</a>	BP-164	Rubber, Permanent	40#	60"	5/2.5	204#		■	
<b>2.6 mil White Pearlized BOPP Cover</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity. This product coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product offers great printability across many primary and secondary print methods.									
<a href="#">50266</a>	BP-164	Rubber, Permanent	40#	60"	10/5			■	
<b>SafeTE™ Cover-up TC Film</b>   A biaxially-oriented, multi-layer polypropylene film that features tamper evident properties. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics.									
<a href="#">43158</a>	BP-82	Rubber, Permanent	50#	60"	5/2.5	270#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Inkjet (Water-Based) Polypropylene</b>									
<b>Gloss White</b>   This is a glossy white polypropylene film that has a topcoating designed for both pigmented and dye water-based inks. This facestock showed good results when tested on the Colordyne, Trojan, and NeuraLabel printers.									
<a href="#">48613</a>	B-122F™	Acrylic, Permanent	40#	30"	10/5/2.5	227#		■	
<a href="#">49202</a>	GPR™	Acrylic, Removable	40#		10/5/2.5	232#		■	
<a href="#">49206</a>	CLD-10	Rubber, Permanent	40#		10/5/2.5	229#		■	
<b>Gloss Clear</b>   This is a glossy clear polypropylene film that has a topcoating designed for both pigmented and dye water-based inks. This facestock showed good results when tested on the Colordyne, Trojan, and NeuraLabel printers.									
<a href="#">48614</a>	B-122F	Acrylic, Permanent	40#	30"	10/5/2.5	236#		■	
<b>4.0 mil Matte White</b>   A matte white polypropylene appropriate for water-based inkjet printing. This sheet offers the highest chemical resistance, required for applications in healthcare, outdoor, and chemical-industrial labeling.									
<a href="#">49691</a>	SFA™ (2020)	Acrylic, Permanent	40#		10/5/2.5	234#		■	
<b>4.5 mil Matte White</b>   A matte white polypropylene appropriate for water-based inkjet printing. This sheet offers the highest chemical resistance, required for applications in healthcare, outdoor, and chemical-industrial labeling.									
<a href="#">50205</a>	SFA (2020)	Acrylic, Permanent	50#	60"	10/5/2.5	293#		■	Meets British Maritime 5609
<b>Laser Polyester</b>									
<b>2.0 mil TC Gloss Clear Laser Polyester</b>   A 2.0 mil clear topcoated polyester film featuring excellent laser print quality, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents, and water. It displays excellent clarity and sharpness for laser printing.									
<a href="#">50250</a>	4LZ	Acrylic, Permanent	3.5 mil LF	54"	10/5/2.5	246#		■	
<b>2.0 mil TC Gloss White Laser Polyester</b>   A 2.0 mil white topcoated polyester film featuring excellent laser print quality, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents, and water. It displays excellent clarity and sharpness for laser printing.									
<a href="#">50286</a>	4LZ	Acrylic, Permanent	3.5 mil LF	54"	10/5/2.5	256#		■	
<b>2.0 mil TC Matte White Laser Polyester</b>   A 2.0 mil white topcoated, matte white polyester film featuring excellent laser print quality, adhesion, and durability. Features excellent print resolution, good resistance to weathering, and chemical resistance.									
<a href="#">50249</a>	BP-52	Acrylic, Permanent	3.5 mil LF	54"	10/5/2.5	256#		■	
<b>Laser Vinyl</b>									
<b>3.2 mil TC White</b>   Engineered for high-speed and mid-range laser printers*, this laser vinyl has a satin finish and it topcoated to provide excellent toner anchorage. It is appropriate for outdoor usage when properly printed via flexo, monochrome, or color laser. Rated at one-year outdoor life*. Due to machine capabilities and setting adjustments, specific printer testing is recommended.									
<a href="#">50142</a>	RSM-95	Acrylic, Removable	72#	54"	10/5/2.5	375#		■	
<a href="#">50263</a>	PRM-650	Acrylic, Permanent	72#	54"	10/5/2.5	367#		■	
<b>Drum Label</b>   This laser vinyl has a satin finish and is topcoated to provide excellent toner anchorage. It is appropriate for outdoor usage when properly printed via flexo, monochrome or color laser. Rated at one-year outdoor life. *Due to machine capabilities and setting adjustments, specific printer testing is recommended.									
<a href="#">45115</a>	PDL-09	Acrylic, Permanent	72#	54"	10/5/2.5	375#		■	Meets British Maritime 5609

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Impact</b>									
<b>PrimeScan®</b>   This product is a polyolefin-based, clay-coated film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">49192</a>	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	202#		■	
<a href="#">49236</a>	SFA(2020)	Acrylic, Permanent	72#	60"	5	278#		■	
<a href="#">41879</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	204#		■	
<a href="#">41944</a>	BC-20	Rubber, Permanent	50#	60"	10/5/2.5	232#		■	
<a href="#">45682</a>	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	232#		■	
<a href="#">41911</a>	B-122F	Acrylic, Permanent	50#	60"	10/5/2.5	230#		■	
<a href="#">1470</a>	B-122F	Acrylic, Permanent	44#PK	60"	10/5/2.5	209#		■	
<a href="#">41912</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	241#		■	
<a href="#">46957</a>	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	211#		■	
<a href="#">42693</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	211#		■	
<a href="#">41927</a>	B-91	Acrylic, Removable	40#	60"	5	204#		■	
<b>PrimeScan® Cover</b>   This product is a polyolefin-based, clay-coated film designed to offer over 98% opacity. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product is compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">48857</a>	BP-164	Rubber, Permanent	40#	60"	10/5			■	
<a href="#">49698</a>	B-82	Rubber, Permanent	40#	60"	5			■	
<b>2.6 mil White Pearlized BOPP Cover</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity. This product coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product offers great printability across many primary and secondary print methods.									
<a href="#">50266</a>	BP-164	Rubber, Permanent	40#	60"	10/5			■	
<b>PrimeScan 90</b>   A polyolefin-based, clay-coated, 90-micron-thick film designed to be compatible with most common impact and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">41878</a>	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	221#		■	Meets British Maritime 5609
<a href="#">41910</a>	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	257#		■	Meets British Maritime 5609
<a href="#">49690</a>	BP-164	Rubber, Permanent	50#	60"	10/5			■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Impact</b>									
<b>3.3 mil Durable Polypropylene</b>   A topcoated matte white, biaxially-oriented polypropylene film suitable for outdoor applications of up to two years. It is appropriate for use where durability, strength, and superior thermal transfer or dot matrix printability are key.									
<a href="#">49189</a>	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	207#		■	Meets British Maritime 5609
<a href="#">41896</a>	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	207#		■	2-year Outdoor
<a href="#">41909</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	245#		■	2-year Outdoor Meets British Maritime 5609
<a href="#">46956</a>	GripTight™	Rubber, Heavy Coat Weight	50#	60"	5	215#		■	
<a href="#">42555</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	215#		■	Textured Surface
<b>Kimdura® 70</b>   This film is a matte white, multi-layer polypropylene film, topcoated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and container labeling.									
<a href="#">41901</a>	B-122F	Acrylic, Permanent	40#	60"	10/5	228#		■	
<a href="#">41913</a>	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	266#		■	
<b>Smudgeproof Kimdura FPG-80</b>   This film is a matte white, multi-layer polypropylene film topcoated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and container labeling.									
<a href="#">43145</a>	B-82	Rubber, Permanent	50#	60"	5	270#		■	
<a href="#">41883</a>	BP-164	Rubber, Permanent	50#	60"	5/2.5	270#		■	
<a href="#">41915</a>	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5	279#		■	
<a href="#">41928</a>	B-91	Acrylic, Removable	50#	60"	5	270#		■	
<a href="#">41926</a>	B-92	Acrylic, Removable	50#	60"	5	272#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Thermal Transfer</b>									
<b>2.4 mil White Pearlized BOPP</b>   A top coated white polypropylene film with a pearlized appearance. This product offers excellent flexo printability. We have also had success with thermal transfer printing using resin and wax/resin ribbons. Testing is recommended with your specific printer and ribbon combinations. This component is not available for custom constructions.									
49684	VG-430	Rubber, Permanent	40#					■	
<b>2.6 mil White Pearlized BOPP</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.									
<a href="#">49078</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	192#		■	
<a href="#">49079</a>	LiftOff™	Rubber, Removable	40#	60"	5	184#		■	
<a href="#">49051</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	192#		■	
<a href="#">49299</a>	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	190#		■	
<b>3.0 mil Ultra Matte™ Polypropylene</b>   A topcoated, matte white polypropylene for use in a variety of applications. This facestock offers excellent printability for flexo and thermal transfer printed variable labels. It is suitable for both indoor and outdoor labels up to 12 month outdoor life with the appropriate adhesive.									
47085	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5	208#		■	
<a href="#">48335</a>	B-122F	Acrylic, Permanent	50#	60"	10/5	235#		■	
<a href="#">48277</a>	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	212#		■	
<a href="#">49229</a>	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	208#		■	
<a href="#">48334</a>	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	210#		■	
<b>3.0 mil TC Matte White Polypropylene</b>   A white, mineral-filled, biaxially-oriented polypropylene film for use in a variety of printing and converting applications where durability, strength, and superior printability are key. One side is matte with a special print-receptive coating and the other is a satin gloss. Its key attribute is excellent thermal transfer printability. It will not tear unless an edge is nicked. Outdoor durability is about 3 to 6 months, depending on climatic conditions.									
43514	BP-164	Rubber, Permanent	40#	60"	10/5	214#		■	
<a href="#">42866</a>	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	214#		■	
<a href="#">41908</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	250#		■	Meets British Maritime 5609
41895	B-122F	Acrylic, Permanent	40#	60"	5			■	
<a href="#">41889</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5	214#		■	Meets British Maritime 5609
<a href="#">45090</a>	GPR™	Acrylic, Removable	40#	60"	10/5/2.5	216#		■	
<a href="#">41923</a>	B-92	Acrylic, Removable	50#	60"	10/5	244#		■	
<b>4.0 mil TC Matte White Polypropylene</b>   A white, clay-coated, biaxially-oriented polypropylene film for use in a variety of printing and converting applications where durability, strength, and superior printability are key. One side is matte with a special print-receptive coating and the other is a satin gloss. Its key attribute is excellent thermal transfer printability. It will not tear unless an edge is nicked. Outdoor durability is about 3 to 6 months, depending on climatic conditions.									
49232	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	239#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Thermal Transfer</b>									
<b>PrimeScan®</b>   This product is a polyolefin-based, clay-coated film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">49192</a>	SFA(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	202#		■	Meets British Maritime 5609
<a href="#">49236</a>	SFA(2020)	Acrylic, Permanent	72#	60"	5	278#		■	
<a href="#">41879</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	204#		■	
<a href="#">41944</a>	BC-20	Rubber, Permanent	50#	60"	10/5/2.5	232#		■	
<a href="#">45682</a>	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	202#		■	
<a href="#">41911</a>	B-122F	Acrylic, Permanent	50#	60"	10/5	230#		■	
<a href="#">1470</a>	B-122F	Acrylic, Permanent	44#PK	60"	10/5/2.5	209#		■	
<a href="#">41912</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	241#		■	
<a href="#">46957</a>	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	211#		■	
<a href="#">42693</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	211#		■	
<a href="#">41927</a>	B-91	Acrylic, Removable	40#	60"	5	204#		■	
<b>PrimeScan Cover</b>   This product is a polyolefin-based, clay-coated film designed to offer over 98% opacity. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product is compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">48857</a>	BP-164	Rubber, Permanent	40#	60"	5/2.5	204#		■	
<b>PrimeScan 90</b>   A white, mineral-filled, biaxially-oriented polypropylene film for use in a variety of printing and converting applications where durability, strength, and superior printability are key. One side is matte with a special print-receptive coating and the other is a satin gloss. Its key attribute is excellent thermal transfer printability. It will not tear unless an edge is nicked. Outdoor durability is about 3 to 6 months, depending on climatic conditions.									
<a href="#">41878</a>	BP-20	Rubber, Permanent	40#	60"	10/5/2.5	221#		■	
<a href="#">41910</a>	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	257#		■	
<b>3.3 mil Durable Polypropylene</b>   A topcoated matte white, biaxially-oriented polypropylene film suitable for outdoor applications of up to two years. It is appropriate for use where durability, strength, and superior thermal transfer or dot matrix printability are key.									
<a href="#">49189</a>	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	207#		■	
<a href="#">41896</a>	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	207#		■	2-year Outdoor
<a href="#">41909</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	245#		■	2-year Outdoor
<a href="#">46956</a>	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5	215#		■	
<a href="#">42555</a>	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	215#		■	Textured Surface

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
<b>Thermal Transfer</b>									
<b>Kimdura® 70</b>   This film is a matte white, multi-layer polypropylene film, topcoated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and container labeling.									
<a href="#">41901</a>	B-122F™	Acrylic, Permanent	40#	60"	10/5	228#		■	
<a href="#">41913</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	266#		■	Meets British Maritime 5609
<b>Smudgeproof Kimdura FPG-80</b>   This film is a matte white, multi-layer polypropylene film topcoated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and container labeling.									
<a href="#">43145</a>	BP-82	Rubber, Permanent	50#	60"	5	270#		■	
<a href="#">41883</a>	BP-164	Rubber, Permanent	50#	60"	5/2.5	270#		■	
<a href="#">41915</a>	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	5/2.5	279#		■	Meets British Maritime 5609
<a href="#">41928</a>	B-91	Acrylic, Removable	50#	60"	5	270#		■	
<a href="#">41926</a>	B-92	Acrylic, Removable	50#	60"	5	272#		■	
<b>2.0 mil TC Gloss White Polyester</b>   A topcoated, glossy white polyester facesheet offering high heat, tear, abrasion, solvent, and water resistance. It features excellent printability with conventional print methods, including thermal transfer when paired with the appropriate ribbon.									
<a href="#">50283</a>	SFA™(2020)	Acrylic, Permanent	50#	54"	10/5/2.5			■	
<a href="#">50285</a>	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5			■	
<b>2.0 mil Matte Silver Polyester</b>   A matte silver polyester film that offers high tear strength, heat resistance, dimensional stability, opacity and chemical resistance. It resists scuff and is appropriate for general durable use. The product shows excellent print characteristics for flexo and thermal transfer printing. This product is not recommended for laser printing..									
<a href="#">50302</a>	SFA (2020)	Acrylic, Permanent	50#	60"	10/5/2.5			■	
<b>Direct Thermal</b>									
<b>2.9 mil ScanTherm-Poly™</b>   A biaxially-oriented, multi-layer polypropylene film with a high sensitivity thermal coating. It offers environmental resistance to moisture, oils, and other agents. Initial activation temperature (0.2 ODU) is 185 degree F.									
<a href="#">49233</a>	SFA (2020)	Acrylic, Permanent	40#	60"	5/2.5	235#		■	
<a href="#">48443</a>	B-122F™	Acrylic, Permanent	50#	60"	10/5	263#		■	
<a href="#">48445</a>	B-92	Acrylic, Removable	40#	60"	10/5	239#		■	
<a href="#">48442</a>	BC-20™	Rubber, Permanent	40#	60"	10/5	237#		■	
<b>ScanTherm-Poly™ 4.0</b>   A topcoated, medium-to-high sensitivity, direct thermal polypropylene film facestock. This film demonstrates excellent environmental resistance and medium-to-high print speeds. Initial activation temperature (0.2 ODU) is 180 degrees F.									
<a href="#">46542</a>	Frostbite™	Rubber, Permanent	40#	60"	10/5	236#		■	
<a href="#">48713</a>	BC-20™	Rubber, Permanent	40#	60"	10/5	236#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Other Films</b>									
<b>2.6 mil TC White Polypropylene</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.									
<a href="#">42882</a>	AmpClamp™	Rubber, Heavy Coat Weight	50#	60"	10/5/2.5	228#		■	
<b>2.0 mil PTC Bright Silver Metalized BOPP</b>   A very bright silver metalized PTC (pasteurizable topcoated) polypropylene facestock featuring excellent printability and high-gloss. Ideal for many prime label applications.									
<a href="#">49234</a>	SFA™ (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	188#		■	
<a href="#">42340</a>	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	190#		■	
<a href="#">41890</a>	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	188#		■	
<b>2.3 mil TC White Metalized BOPP</b>   A highly opaque, glossy white, biaxially-oriented polypropylene designed with a print-receptive topcoat and metallized backside. It is ideal for cover-up as well as other prime label applications.									
<a href="#">41903</a>	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	207#		■	
<a href="#">49190</a>	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	204#		■	
<a href="#">46154</a>	BC-20	Rubber, Permanent	40#	60"	Custom	207#			
<b>2.3 mil TC White Skweeze™ Polypropylene</b>   A topcoated, flexible, glossy white biaxially-oriented polypropylene film that exhibits full squeeze performance on rigid containers, such as shampoo and condiment bottles.									
<a href="#">41893</a>	B-122F	Acrylic, Permanent	40#	60"	5/2.5	199#		■	Full Squeeze
<b>PrimeScan® Cover</b>   This product is a polyolefin-based, clay-coated film designed to offer over 98% opacity. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product is compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, primeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
<a href="#">48857</a>	BP-164	Rubber, Permanent	40#		5/2.5	204#		■	
<b>2.6 mil White Pearlized BOPP Cover</b>   A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity. This product coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This product offers great printability across many primary and secondary print methods.									
<a href="#">50266</a>	BP-164	Rubber, Permanent	40#	60"	10/5			■	
<b>SafeTE™ Synthetic</b>   A polyolefin-based, clay-coated film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, and resists temperature fluctuations. It is grease resistant. It will die cut and fold easily and is compatible with hot foil stamping and embossing. This facestock has been specifically designed to easily delaminate, showing tamper evidence, when used with an aggressive adhesive.									
<a href="#">41925</a>	BP-164	Rubber, Permanent	40#	60"	5/2.5	211#		■	Tamper-evident

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Other Films</b>									
<b>NEW! 2.0 mil Rainbow Holographic Polypropylene</b>   A topcoated, seamless, metallized holographic polypropylene used for high quality eyecatching labels.									
50322	SFA™ (2020)	Acrylic, Permanent	40#	54"	5/2.5	188#		■	
<b>SafeTE™ White Void Polyester</b>   A topcoated, glossy white polyester film engineered to show tamper evidence, when paired with an appropriate adhesive, by leaving the word "VOID" in a diagonal pattern on the substrate and label when removed. This facestock has excellent tear strength, chemical resistance, and heat resistance.									
50287	SFA (2020)	Acrylic, Permanent	50#	54"	5/2.5	250#		■	
<b>SafeTE Silver Void Polyester</b>   A topcoated, glossy silver polyester film engineered to show tamper evidence, when paired with an appropriate adhesive, by leaving the word "VOID" in a diagonal pattern on the substrate and label when removed. This facestock has excellent tear strength, chemical resistance, and heat resistance.									
50251	SFA (2020)	Acrylic, Permanent	50#	54"	10/5/2.5			■	
<b>SafeTE Cover-up TC Film</b>   A biaxially-oriented, multi-layer polypropylene film that features tamper evident properties. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no sow-through of underlying text or graphics.									
43158	B-82	Rubber, Permanent	50#	60"	5/2.5	270#		■	
<b>SafeTE Clear Void</b>   1.5 mil clear void polyester, topcoated for superior printability via flexography and thermal transfer printers. Features high strength, tear resistance, dimensional stability, and temperature resistance.									
49945	PAT-1	Acrylic, Permanent	60# Blue Glassine		2	214#		■	
<b>SafeTE NT Red Void</b>   1.5 mil red non-transferable void polyester, topcoated for superior printability via flexography and thermal transfer printers. Features high strength, tear resistance, dimensional stability and temperature resistance. Print test product and consult with your ink supplier to confirm suitability for your application.									
49946	VR	Acrylic, Removable	60# Blue Glassine		5/2	214#		■	
<b>Tyvek® 1073-D</b>   A high strength, white, spun-bound polyolefin used where tear resistance is required.									
41916	B-122F™	Acrylic, Permanent	50#	60"	10/5/2.5	255#		■	
<b>2.0 mil Oil Tolerant Gloss White Polyester</b>   2.0 mil topcoated white gloss polyester film designed for excellent printing, converting, and dispensing. Print test product and consult with your ink supplier to confirm suitability for your application.									
49944	Oil Tolerant	Acrylic, Permanent	45# Blue Glassine		2	183#		■	
<b>2.2 mil Cryogenic White Laser Polyester</b>   2.2 mil matte polyester that shows excellent performance in cryogenic applications. This product prints well on conventional print methods and laser. This product can also thermal transfer print when paired with the appropriate ribbon. Testing is always recommended. This component is not available for custom constructions.									
49943	Cryogenic	Acrylic, Permanent	63# Kraft		2	232#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC <sup>^</sup>	Precise*	Comments
<b>Other Films</b>									
<b>2.0 mil Matte Silver Polyester</b>   Matte silver polyester film that offers high tear strength, heat resistance, dimensional stability, opacity and chemical resistance. It resists scuff and is appropriate for general durable use.									
<a href="#">50302</a>	SFA™ (2020)	Acrylic, Permanent	50#	60"	10/5/2.5			■	
<a href="#">LTC02573</a>	PAT1	Acrylic, Permanent	50# White Glassine	38.6"	2.5	244#			
<b>2.0 mil Gloss Top-coated Bright Silver</b>   UL 969, CSA C22 2 No. 015 (cUL)									
<a href="#">FED4954</a>	PAT1	Acrylic, Permanent	45# White Glassine	43.3"	2.5	232#		■	
<b>2.0 mil Matte Top-coated Silver</b>   UL 969, CSA C22 2 No. 015 (cUL)									
<a href="#">FFD4954</a>	PAT1	Acrylic, Permanent	45# White Glassine	38.6"	2.5	232#		■	
<b>2.0 mil Gloss Top-coated</b>   UL 969, CSA C22 2 No. 015 (cUL)									
<a href="#">FAD4954</a>	PAT1	Acrylic, Permanent	45# White Glassine	38.6"	2.5	232#		■	

\* For more information see MAC3218 Precise/Trimless Guide



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>WHITE GOLD®</b>	54#	2.52	A bright white, smooth, high-gloss litho designed for high quality printing, high speed converting and dispensing. Excellent for U.V. Flexo. Virtually eliminates slitter dust.	Flexo
<b>Cast Coated High-Gloss</b>	57#	4.0	A cast-coated, mirror finish, high strength paper stock designed for quality printing and high speed converting.	Flexo
<b>Platinum Xtra Semi-Gloss</b>	55#	2.7	Platinum Xtra is a 55# basis weight, brilliant white semi-gloss coated litho sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting	Flexo
<b>Platinum™ Semi-Gloss</b>	60#	3.0	A brilliant white semi-gloss coated sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting. The sheet has exceptional smoothness, whiteness, gloss and opacity.	Flexo
<b>Platinum Plus Semi-Gloss</b>	50#	2.5	A semi-gloss coated sheet that has been engineered specifically for use as a pressure-sensitive label stock with the Aqueous Flexographic, UV Flexographic and UV Rotary Letterpress printing processes in mind.	Flexo Offset
<b>50# Dairy Label</b>	50#	2.9	Lightweight dairy label that is a white, flexible, uncalendared sheet that has high internal strength characteristics for high speed printing and converting.	Flexo
<b>60# Dairy Label</b>	60#	3.0	A brilliant white semi-gloss coated sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting. The sheet has exceptional smoothness, whiteness, gloss and opacity.	Flexo
<b>Majestic Matte Litho</b>	60#	3.9	A 60# bright white, high strength, matte-coated white litho paper stock designated for quality printing & high speed converting.	Flexo
<b>Uncoated Litho</b>	60#	4.7	A 60# uncoated, white litho stock that displays good balance in physical properties. An excellent stock for less demanding print applications.	Flexo
<b>8 PT. Coated Matte Tag</b>	130#	8.0	A white coated one side tag stock. Excellent for applications requiring a stiffer or more durable facestock. Meets the ANSI/NISO Z39.48 for permanence and contains an alkaline reserve of at least 2%.	Flexo
<b>Matte-Coated Fluorescents</b>	60#	3.8	A matte-coated litho available in red, orange, pink, green and chartreuse.	Flexo
<b>Laminated Foils</b>	73#	3.6	.000225 aluminum foil laminated to 60# base paper. Silver and gold, bright and dull with acrylic top coating for outstanding print quality.	Flexo
<b>Metalized Paper</b>	58#	2.9	A mirror finished bright silver metalized facestock. Acrylic top coated for outstanding print quality.	Flexo
<b>Wet Strength</b>	54#	2.5	54# Bright white semi-gloss paper with a special additive to improve the paper's wet strength in moist environments. Suitable for flexo and offset printing, as well as foil stamping and embossing.	Flexo Offset Stamping Embossing



Face Stock	Basis Weight (#/3300ft)	Caliper	Description	Print Method
40# Semi-Gloss	40.5	2.2	A highly flexible semi-gloss featuring exceptional gloss and a very smooth print surface. Recommended for tight mandrel applications	Flexo
45# CTT	45	3.0	A premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability	Flexo Thermal Transfer
45# CTT Piggyback	45	3.0	A piggyback construction with a premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability	Flexo Thermal Transfer
48# CTT	47	3.0	A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers.	Flexo Thermal Transfer
48# CTT Cover-up	52	3.0	A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers. The opaque barrier coating on the backside of the facestock allows usage in applications requiring a no-see-through labelstock.	Flexo Thermal Transfer
50# EDP	50	3.5	A bright white, uncoated label paper suitable for general impact printing.	Flexo
50# Liner Transfer Tape	51.6	3.2	A bleached kraft liner featuring excellent die cutting and stripping characteristics. Used for roll-to-roll, roll-to-sheet, fan-fold, and transfer tape applications.	Flexo
55# CTT	55	3.5	A C1S, matte white paper designed for excellent thermal transfer printability. This sheet is not recommended for flood-coating	
60# Chartreuse Fluorescent	60	3.8	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	Flexo
60# Green Fluorescent	60	3.8	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	Flexo
60# Orange Fluorescent	60	3.8	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	Flexo
60# Pink Fluorescent	60	3.8	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	Flexo
60# Red Fluorescent	60	3.8	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	Flexo
54# Primeglos™	54	2.6	A 54# bright white sheet featuring high CD tensile and MD tear, great die cutting and stripping characteristics, and good stiffness for dispensing. Low Parker Print and exceptional gloss make this sheet printable with all standard flexo and letterpress inks.	Flexo
58# Primeglos	58	3.0	A 58# bright white sheet featuring high CD tensile and MD tear, great die cutting and stripping characteristics, and good stiffness for dispensing. Low Parker Print and exceptional gloss make this sheet printable with all standard flexo and letterpress inks.	Flexo Thermal Transfer
58# Primeglos™ Cover-up	58	3.0	A bright white, semi-gloss litho with a dark gray opaque barrier coat applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden. This facestock demonstrates excellent print characteristics when printed using flexo, offset, or letterpress. It can be continuous laser printed when used with the appropriate adhesive and liner combination.	Flexo Thermal Transfer



Face Stock	Basis Weight (#/3300ft)	Caliper	Description	Print Method
<b>58# Primeglos™ Piggyback</b>	58	3.0	A bright white, semi-gloss litho that demonstrates excellent print characteristics when printed using flexo, offset, and letterpress.	Flexo Thermal Transfer
<b>65# Natural Kraft</b>	66	6.6	An unbleached, brown kraft facestock with excellent strength and tear resistance. This facestock has a high degree of stiffness and is not recommended for use on more than lightly curved surfaces, or for application around corners due to possible label lift.	Flexo
<b>8pt C1S Tag</b>	108	8.7	A C1S tag stock designed to be used in applications requiring high strength and stiffness, such as hang tags and shelf talkers.	Flexo
<b>AC Bright Gold Laminated Foil</b>	73	3.5	A .000285 mil foil laminated to a 55# coated base paper. This foil has an acrylic top coat specifically designed for use with water- and solvent-based inks.	Flexo Thermal Transfer
<b>AC Bright Silver Laminated Foil</b>	73	3.5	A .000285 mil foil laminated to a 55# coated base paper. This foil has an acrylic top coat specifically designed for use with water- and solvent-based inks.	Flexo Thermal Transfer
<b>AC Dull Gold Laminated Foil</b>	73	3.5	A .000285 mil foil laminated to a 55# coated base paper. This foil has an acrylic top coat specifically designed for use with water- and solvent-based inks.	Flexo Thermal Transfer
<b>AC Dull Silver Laminated Foil</b>	73	3.5	A .000285 mil foil laminated to a 55# coated base paper. This foil has an acrylic top coat specifically designed for use with water- and solvent-based inks.	Flexo Thermal Transfer
<b>Bright Silver Metalized Paper</b>	56	2.6	A bright silver, acrylic topcoated metallized paper. It is printable with a variety of methods, including water-based and UV flexo.	Flexo
<b>Coverglos™</b>	57	3.9	A cast coated, high-gloss paper featuring a dark gray barrier coat applied to the backside for added opacity. Useful for hiding underlying text or graphics. The mirror finish of this sheet makes it an excellent sheet for printing.	Flexo Thermal Transfer
<b>Covermatte™</b>	65	3.9	A matte topcoated, high bright paper featuring a dark gray opaque barrier coat applied to the backside for added opacity. Useful for hiding underlying text or graphics. This sheet offers excellent ink receptivity and smudge resistance, and can be laser printed.	Flexo Thermal Transfer
<b>DiversiPrint®</b>	49	3.5	This stock is a bright white, uncoated paper designed to be compatible with most low-speed and high-speed laser printers. It also works well in many color and monochrome inkjet printers. Its dimensional stability and strength properties make it an excellent choice for laser and inkjet applications.	Flexo Water-based Inkjet Laser (Desktop)
<b>DiversiPrint® Cover-up</b>	54	3.5	This stock is a bright white, uncoated paper designed to be compatible with most low-speed and high-speed laser printers. It also works well in many color and monochrome inkjet printers. Its dimensional stability and strength properties make it an excellent choice for laser and inkjet applications. The cover up primer is an opaque barrier coating that inhibits show-through of text and graphics on the substrate beneath the label.	Flexo Water-based Inkjet Laser (Desktop)
<b>Gloss Inkjet Paper</b>	64	3.9	This glossy paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics.	Flexo Water-based Inkjet



Face Stock	Basis Weight (#/3300ft)	Caliper	Description	Print Method
<b>Endura® Durable Inkjet Paper</b>	60.1	5.0	An inkjet durable paper is a saturated and coated paper facestock that offers the high durability and chemical resistance that you would only expect from a film facestock. This product offers exceptional printability via flexo and water-based inkjet platforms.	Flexo Water-based Inkjet
<b>High-Gloss</b>	57	3.7	A cast coated paper featuring a mirror finish; ideal for a wide variety of printing technologies.	Flexo Thermal Transfer
<b>Semi-Gloss</b>	55	3.2	This glossy, white HP Indigo-ready 55# Semi-Gloss is topcoated for excellent adhesion of HP Indigo liquid ink to the facestock.	HP Indigo (web/roll fed)
<b>Semi-Gloss Cover-up</b>	55	3.2	This glossy, white HP Indigo-ready 55# Semi-Gloss is topcoated for excellent adhesion of HP Indigo liquid ink to the facestock. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.	HP Indigo (web/roll fed)
<b>Laser Latex</b>	58.4	3.7	A C2S saturated paper designed to have excellent toner receptivity in a variety of laser printers, while offering the same strength and environmental properties of a typical latex sheet. Common applications include drum labeling and shelf marking.	Flexo Laser (Desktop)
<b>Reverse Coated Bright Silver Metalized Paper</b>	56	2.6	A silver metallized paper with the adhesive laminated to the metallized side of the sheet. This sheet provides excellent opacity and very good barrier characteristics (i.e. candles).	Flexo
<b>SafeTE™ C1S</b>	61	3.6	A C1S paper designed to provide a high level of destructibility when combined with the appropriate adhesive. This facestock has sufficient strength properties, such as tensile and tear, to permit good performance on press.	Flexo Thermal Transfer
<b>SafeTE C1S Cover-up</b>	59.4	4.1	A C1S paper designed to provide a high level of destructibility when combined with the appropriate adhesive. An opaque barrier coat applied to the backside of the facestock adds opacity for hiding underlying text or graphics. This facestock has sufficient tensile and tear properties to permit good performance on press.	Flexo Water-based Inkjet
<b>Premium Matte Inkjet Paper</b>	61	3.6	This premium matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. Both dye and pigment based inks. This is a true matte sheet that delivers excellent photo images, color graphics, and sharp text. It offers fast ink dry time and wet-rub/smudge resistance.	Flexo Water-based Inkjet
<b>Satin Matte Inkjet Paper</b>	61	3.6	This matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics.	Flexo Water-based Inkjet
<b>Satin Matte Inkjet Paper Cover-up</b>	54	3.3	This opaque matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format inkjet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.	Flexo Water-based Inkjet



Face Stock	Basis Weight (#/3300ft)	Caliper	Description	Print Method
ScanTherm™ Industrial	64	3.9	A direct thermal paper with a chemically resistant topcoating that provides exceptional image durability in industrial environments where chemicals and other cleaners may be present. The higher activation temperature offers more durability than a standard direct thermal product, with additional resistance to light, heat, and moisture.	Flexo Direct Thermal
ScanTherm™ NTC	51	3.3	A direct thermal facestock designed for short-duration labeling. As the sheet does not have a grease resistant top coating, it is not suitable for applications requiring water or chemical resistance (solvents, oils, fats, or similar substances).	Flexo Direct Thermal
ScanTherm Ultra	49	3.1	A standard sensitivity, ultra-low abrasion, general purpose direct thermal paper designed to cover a broad range of applications, including industrial and weigh scale applications. It is topcoated for resistance to water, oil, and other chemicals, and offers good heat and light resistance.	Flexo Direct Thermal
ScanTherm Ultra Piggyback	49	3.1	A standard sensitivity, ultra-low abrasion, general purpose direct thermal paper designed to cover a broad range of applications, including industrial and weigh scale applications. It is topcoated for resistance to water, oil, and other chemicals, and offers good heat and light resistance.	Flexo Direct Thermal
Semi-Gloss for Domino	55	3.1	This glossy, white topcoated 55# Semi-Gloss is appropriate for Domino UV inkjet printing.	UV Inkjet
Semi-Gloss Cover-up for Domino	55	3.2	This glossy, white topcoated 55# Semi-Gloss is appropriate for Domino UV inkjet printing. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.	UV Inkjet
Semi-Gloss for EFI™ Jetrion®	55	3.1	This glossy, white topcoated 55# Semi-Gloss is appropriate for EFI-Jetrion UV inkjet printing.	UV Inkjet
Semi-Gloss Cover-up for EFI Jetrion	55	3.2	This glossy, white topcoated 55# Semi-Gloss is appropriate for EFI-Jetrion UV inkjet printing. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.	UV Inkjet
Semi-Gloss for Screen	55	3.1	This glossy, white topcoated 55# Semi-Gloss is appropriate for Screen Americas UV inkjet printing.	UV Inkjet
Semi-Gloss Cover-up for Screen	55	3.2	This glossy, white topcoated 55# Semi-Gloss is appropriate for Screen Americas UV inkjet printing. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.	UV Inkjet
Semi-Gloss Layflat	55	2.9	An archival quality, semi-gloss sheet engineered to remain stable and flat after flexo and laser printing, providing easy collating and packaging. It is appropriate for both desktop and commercial laser printing.	Flexo Laser (Desktop) UV Inkjet



Face Stock	Basis Weight (#/3300ft)	Caliper	Description	Print Method
<b>Ultra Matte™ Litho</b>	60	3.9	A premium, matte-coated paper featuring superior smudge resistance, high brightness and high opacity. This sheet offers great ink receptivity, and can also be laser printed.	Flexo Laser (Desktop) UV Inkjet
<b>Ultra Matte Litho Piggyback</b>	60	3.9	A premium, matte-coated paper featuring superior smudge resistance, high brightness, and high opacity. This sheet offers good ink receptivity.	Flexo

\* Item not available for custom applications



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>VIVID™ Squeeze White</b>		2.2	White squeezable BOPP film top coated for superior printability. Designed for applications where repeated wall to wall squeezability is needed. Not recommended for outdoor use.	Flexo
<b>VIVID Vinyl</b>		3.4	A soft white high performance vinyl. Conformable and outdoor durable. Top coated for excellent printability. Ideal for outdoor promotional needs.	Flexo
<b>VIVID White BOPP</b>		2.6	A top coated bright white pearlescent polypropylene facestock. Works effectively on rigid and semi-rigid containers.	
<b>ALLURe®</b>		2.3	A white top coated polypropylene providing excellent die cutting and automatic dispensing. De- signed for indoor applications on semi squeezable or rigid containers.	Flexo
<b>VIVID White Polypropylene</b>		2.6	A white polypropylene facestock. Excellent as a coupon base and for general-purpose applications. Corona treated for print receptivity. Also available top coated for improved printability.	Flexo
<b>VIVID Chrome Polypropylene</b>		2.0	A top coated metalized polypropylene providing excellent print receptivity. Designed for indoor applications on semi-rigid or rigid containers.	Flexo
<b>VIVID Squeeze Clear</b>		2.2	Clear squeezable BOPP film top coated for superior printability. For applications where repeated wall to wall squeezability is needed.	Flexo
<b>VIVID ICE™ Clear BOPP</b>		2.0	An ultra clear polypropylene face material that is effective for the no label look on rigid and semi- rigid containers. The facestock is top coated for print receptivity. VIVID ICE™ with PET liner is recommended for best clarity.	Flexo
<b>VIVID Clear Polystyrene</b>		2.0 1.5	A clear polystyrene facestock. Effective for clear general purpose labeling applications. Ideal for use as a coupon base. Facestock is corona treated for print receptivity. Also available top coated for improved printability.	Flexo



Face Stock	Basis Weight	Caliper	Description	Print Method
1.5 mil Transparent Polystyrene	27	1.5	A clear, rigid film used for prime label applications. This product is corona-treated for better printing and is appropriate for coupon technology.	Flexo
2.0 mil PTC Bright Silver Metalized BOPP	31	2.0	A very bright silver metallized PTC (pasteurizable topcoated polypropylene) facestock featuring excellent printability and high-gloss, ideal for many prime label applications.	Flexo UV Inkjet
*2.0 mil TC Clear Polypropylene	31.5	2.0	A biaxially-oriented film designed for prime label applications. Its acrylic top coat was specifically engineered for flexo ink receptivity.	Flexo
2.0 mil TC Gloss White Polyester	51	2.0	A topcoated, glossy white polyester facesheet offering high heat, tear, abrasion, solvent, and water resistance. It features excellent printability with conventional print methods, including thermal transfer when paired with the appropriate ribbon.	Flexo Thermal Transfer UV Inkjet
2.0 mil Matte Silver Polyester	48.6	2.1	A matte silver polyester film that offers high tear strength, heat resistance, dimensional stability, opacity and chemical resistance. It resists scuff and is appropriate for general durable use.	Flexo Thermal Transfer
2.0 mil Transparent Polystyrene	36	2.0	A clear, rigid film used for prime label applications. It is corona-treated for better printing and is appropriate for coupon technology.	Flexo Thermal Transfer
2.2 mil Matte White Polyester	40.9	2.17	A 2.2 mil matte polyester that shows excellent performance in cryogenic applications. This product prints well on conventional print methods and laser. It can also thermal transfer print when paired with the appropriate ribbon. This component is not available for custom constructions.	Flexo Laser Thermal Transfer
2.3 mil TC White Metalized BOPP	39	2.3	A highly opaque, glossy white, biaxially-oriented polypropylene designed with a print-receptive top coat and metallized backside. It is ideal for cover-up as well as other prime label applications.	Flexo UV Inkjet
2.3 mil TC White Polypropylene	39	2.3	A glossy white, biaxially-oriented polypropylene designed with a unique top coating to be compatible with water-based and solvent-based inks.	Flexo UV Inkjet
2.3 mil TC White Skweeze™ Polypropylene	36.4	2.3	A top coated, flexible, glossy white biaxially-oriented polypropylene film that exhibits full squeeze performance on rigid containers, such as shampoo and condiment bottles.	Flexo
*2.4 mil White Pearlized BOPP	30	2.4	A top coated white polypropylene film with a pearled appearance. This product offers excellent flexo printability. We have also had success with thermal transfer printing using resin and wax/resin ribbons. Testing is recommended with your specific printer and ribbon combinations. This component is not available for custom constructions.	Flexo Thermal Transfer
2.5 mil TC Matte White Laser Polyester	52.6	2.5	A topcoated, matte white polyester film featuring excellent laser print quality, adhesion, and durability. Features excellent print resolution, good resistance to weathering, and chemical resistance. Suitable for printing by all conventional printing processes, continuous laser, and thermal transfer (subject to ribbon compatibility).	Flexo Thermal Transfer Laser (Desktop)
2.5 mil TC Matte White Polyester	52.6	2.5	A topcoated, matte white polyester film featuring excellent thermal transfer print quality, adhesion, and durability. Features excellent print resolution, high resistance to weathering, and chemical resistance. Suitable for printing by all conventional printing processes, continuous laser, and thermal transfer (subject to ribbon compatibility).	Flexo Thermal Transfer

\* Item not available for custom applications



Face Stock	Basis Weight	Caliper	Description	Print Method
2.6 mil TC White BOPP	33.2	2.6	A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.	Flexo
2.6 mil White Pearlized BOPP	32.2	2.6	A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.	Flexo UV Inkjet Toner Thermal Transfer
2.9 mil ScanTherm-Poly™	40	3.0	A biaxially-oriented, multi-layer polypropylene film with a high sensitivity thermal coating. It offers environmental resistance to moisture, oils, and other agents. Initial activation temperature (0.2 ODU) is 185 degrees F.	Flexo Direct Thermal
2.0 mil TC Gloss Clear Laser Polyester	56	2.0	A 2.0 mil clear topcoated polyester film featuring excellent laser print quality, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents, and water. It displays excellent clarity and sharpness for laser printing.	Flexo Laser (Desktop) Thermal Transfer
2.0 mil TC Gloss White Polyester	37.2	1.97	2.0 mil topcoated white gloss polyester film designed for excellent printing, converting, and dispensing.	Flexo Laser (Desktop) Thermal Transfer
2.0 mil TC Gloss White Laser Polyester	56	2.0	A 2.0 mil white topcoated polyester film featuring excellent laser print quality, adhesion, and durability. It is very resistant to high heat, tear, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents, and water. It displays excellent clarity and sharpness for laser printing.	Flexo Laser (Desktop) Thermal Transfer
3.0 mil TC Matte White Polypropylene	42.5	3.0	A white, mineral-filled, biaxially-oriented polypropylene film for use in a variety of printing and converting applications where durability, strength, and superior printability are key. One side is matte with a special print-receptive coating and the other is a satin gloss. Its key attribute is excellent thermal transfer printability. It will not tear unless an edge is nicked. Outdoor durability is about 3-6 months, depending on climatic conditions.	Flexo Thermal Transfer
3.0 mil Ultra Matte™ Polypropylene	40.5	3.0	A topcoated, matte white polypropylene for use in a variety of applications. This facestock offers excellent printability on for flexo and thermal transfer printed variable labels. It is suitable for both indoor and outdoor labels up to 12 month outdoor life with the appropriate adhesive.	Flexo Thermal Transfer
3.3 mil Durable Polypropylene	40	3.3	A topcoated matte white, biaxially-oriented polypropylene film suitable for outdoor applications of up to two years. It is appropriate for use where durability, strength, and superior thermal transfer or dot matrix printability are key.	Flexo Thermal Transfer UV Inkjet Impact
*3.5 mil TC White Laser Vinyl	85	3.4	Engineered for high-speed and mid-range laser printers**, this laser vinyl has a satin finish and is topcoated to provide excellent toner anchorage. It is appropriate for outdoor usage when properly printed via flexo, monochrome, or color laser. Rated at one-year outdoor life.  **Due to machine capabilities and setting adjustments, specific printer testing is recommended.	Flexo Laser (Desktop) Laser (Commercial)

\* Item not available for custom applications



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>4.0 mil TC Matte White Polypropylene</b>	53.3	4.2	A white, clay-coated, biaxially-oriented polypropylene film for use in a variety of printing and converting applications where durability, strength, and superior printability are key. One side is matte with a special print-receptive coating and the other is a satin gloss. Its key attribute is excellent thermal transfer printability. It will not tear unless an edge is nicked. Outdoor durability is about 3-6 months, depending on climatic conditions.	Flexo Thermal Transfer
<b>4.0 mil White Inkjet Polypropylene</b>	53	4.2	A matte white polypropylene appropriate for water-based inkjet printing. This sheet offers the highest chemical resistance, required for applications in healthcare, outdoor, and chemical/industrial labeling.	Water-based Inkjet
<b>Gloss White Inkjet Polypropylene</b>	50	3.5	This is a glossy white polypropylene film that has a topcoating designed for both pigmented and dye water-based inks. This facestock showed good results when tested on the Colordyne, Trojan, and Neuralabel printers.	Water-based Inkjet
<b>Gloss Clear Inkjet Polypropylene</b>	54	3.3	This is a glossy clear polypropylene film that has a topcoating designed for both pigmented and dye water-based inks. This facestock showed good results when tested on the Colordyne, Trojan, and Neuralabel printers.	Water-based Inkjet
<b>Kimdura® 70</b>	50	3.4	This film is a matte white, multi-layer polypropylene film, topcoated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and containing labeling.	Flexo Thermal Transfer Impact
<b>*Laser Vinyl Drum Label</b>	85	3.4	This laser vinyl has a satin finish and is topcoated to provide excellent toner anchorage. It is appropriate for outdoor use when properly printed via flexo, monochrome or color laser. Rated at one-year outdoor life. Due to machine capabilities and setting adjustments, specific printer testing is recommended.	Flexo Laser (Desktop) Laser (Commercial)
<b>PrimeScan®</b>	38	3.0	This product is a polyolefin-based, clay-coated film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory. To minimize pickers curl in hand-applied applications, remove liner from the facestock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.	Flexo Thermal Transfer UV Inkjet Impact
<b>PrimeScan® Cover</b>	38	3.0	This product is a polyolefin-based, clay-coated film designed to offer over 98% opacity. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics.	Flexo Thermal Transfer UV Inkjet Impact
<b>PrimeScan® 90</b>	46	3.6	A polyolefin-based, clay-coated, 90-micron-thick film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear-resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan 90 is a film with memory. To minimize pickers curl in hand-applied applications, remove the liner from the facestock when possible (rather than the face from the liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.	Flexo Thermal Transfer UV Inkjet Impact

\* Item not available for custom applications



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>SafeTE™ Cover-up TC Film</b>	56	3.8	A biaxially-oriented, multi-layer polypropylene film that features tamper evident properties. It is coated with an opaque cover-up barrier coating which improves opacity for applications requiring little to no show-through of underlying text or graphics. This face is flexo printable and may be thermal transfer printed if ribbon / substrate combination has been tested for specific performance needs. Primer is recommended when using UV flexo inks.	Flexo
<b>SafeTE Silver Void Polyester</b>	47.5	2.0	A topcoated, glossy silver polyester film engineered to show tamper evidence, when paired with an appropriate adhesive, by leaving the word "VOID" in a diagonal pattern on the substrate and label when removed. This facestock has excellent tear strength, chemical resistance, and heat resistance.	Flexo UV Inkjet
<b>SafeTE Synthetic</b>	41	4.1	A polyolefin-based, clay-coated film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, and resists temperature fluctuations. It is grease resistant. It will die cut and fold easily and is compatible with hot foil stamping and embossing. This facestock has been specifically designed to easily delaminate, showing tamper evidence, when used with an aggressive adhesive.	Flexo Thermal Transfer UV Inkjet
<b>SafeTE White Void Polyester</b>	47.5	2.0	A topcoated, glossy white polyester film engineered to show tamper evidence, when paired with an appropriate adhesive, by leaving the word "VOID" in a diagonal pattern on the substrate and label when removed. This facestock has excellent tear strength, chemical resistance, and heat resistance.	Flexo UV Inkjet
<b>SafeTE Clear Void Polyester</b>	35.8	1.5	A 1.5 mil clear void polyester, topcoated for superior printability via flexography and thermal transfer printers. Features high strength, tear and temperature resistance, and dimensional stability.	Flexo Thermal Transfer
<b>SafeTE NT Red Void Polyester</b>	35.8	1.5	1.5 mil red non-transferable void polyester, topcoated for superior printability via flexography and thermal transfer printers. Features high strength, tear and temperature resistance, and dimensional stability.	Flexo Thermal Transfer
<b>ScanTherm-Poly™ 4.0</b>	53	4.1	A topcoated, medium-to-high sensitivity, direct thermal polypropylene film facestock. This film demonstrates excellent environmental resistance and medium-to-high print speeds. Initial activation temperature (0.2 ODU) is 180 degrees F.	Flexo Direct Thermal
<b>Smudgeproof Kimdura® FPG-80</b>	56	3.8	This film is a matte white, multi-layer polypropylene film topcoated to provide premium dot matrix and thermal transfer print images. Outdoor exposure is up to one year. Typical applications include shelf marking and container labeling.	Flexo Thermal Transfer Impact
<b>Tyvek® 1073-D</b>	50	8.0	A high strength, white, spun-bound polyolefin used where tear resistance is required.	Flexo

# VARIABLE INFORMATION FACESTOCKS



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>Digital</b>				
MacCopy® Standard	50#	3.7	50# bright white uncoated facestock specially engineered for toner fusion printing and suitable for inkjet printing.	Toner Fusion Inkjet
MacCopy Semi-Gloss	60#	3.3	60# white semi-gloss facestock designed for quality printing and high speed converting and chosen for its toner fusion print capabilities. Not inkjet printable.	Toner Fusion
MacCopy High-Gloss	60#	4.0	60# high-gloss white facestock specially engineered for toner fusion printing. Bright White and excellent gloss. Not inkjet printable.	Toner Fusion
MacCopy Matte	59#	3.8	A 60# white matte coated facestock designed for quality printing and high speed converting and chosen for its toner fusion print capabilities.	Toner Fusion
MacCopy Fluorescent	60#	3.8	60# fluorescent facestock specially chosen for its toner fusion print capabilities. Not inkjet printable.	Toner Fusion
Dual Write®	50#	3.8	A premium quality 50# uncoated face material, featuring outstanding whiteness and internal strength. Suitable for flexo, toner fusion, and high contrast inkjet printing.	Flexo Toner Fusion Inkjet
MacCopy Clear		2.0	2 mil matte clear top coated polyester specially engineered to provide an excellent toner fusion printable surface. Also capable of impact / dot matrix printing.	Toner Fusion Impact/Dot Matrix
MacCopy White		2.0	2 mil satin white top coated polyester specially engineered to provide an excellent toner fusion printable surface. Also capable of thermal transfer printing.	Toner Fusion Thermal Transfer
MacJet®	50#	4.0	50# bright white uncoated facestock specially engineered for inkjet printing and suitable for toner fusion printing.	Toner Fusion Inkjet
MacJet Matte	60#	4.8	60# white matte coated facestock specially engineered for high quality / photo realistic inkjet printing.	Inkjet
MacJet Gloss	58#	4.3	60# white semi-gloss facestock specially engineered for high quality / photo realistic inkjet printing.	Inkjet
MacJet Semi-Gloss	64#	3.9	60# white high-gloss facestock specially engineered for high quality / photo realistic inkjet printing.	Inkjet
MacJet Polypropylene		3.2 & 3.5	Clear and White top coated polypropylene specially engineered for inkjet printing.	Inkjet
INDIE® High-Gloss	60#	4.0	60# HP Indigo printable white high-gloss.	Indigo
INDIE Semi-Gloss	60#	3.0	60# HP Indigo printable white semi-gloss.	Indigo
INDIE Matte Litho	60#	3.8	60# HP Indigo printable white matte coated litho.	Indigo
INDIE Matte Polypropylene		3.0	3.0 mil HP Indigo printable opaque matte white, coated biaxially oriented polypropylene	Indigo
INDIE Polypropylene		2.6	2.6 mil HP Indigo printable white pearlescent polypropylene.	Indigo
INDIE Gloss Polypropylene		2.3	2.3 mil HP Indigo printable white gloss polypropylene.	Indigo
INDIE Clear Polypropylene		2.0	2.0 mil HP Indigo printable clear polypropylene.	Indigo



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>EDP</b>				
50# Premium EDP	49#	3.6	Premium quality 50# bright white uncoated face stock, featuring good internal strength characteristics and print receptivity. May be suitable for continuous feed toner fusion printing (testing recommended).	Thermal Transfer Toner Fusion
<b>Thermal Transfer</b>				
OPTISCAN® 2C	40#	2.9	Premium bright white coated facestock designed for high-speed printing. This smooth, smudge resistant face offers great thermal transfer printing and excellent flexo printing.	Thermal Transfer
OPTISCAN L	38#	2.7	A coated facestock designed for medium-speed thermal transfer printing. This smudge resistant face offers good thermal transfer printing.	Thermal Transfer
OPTISCAN V	40#	2.5	An uncoated vellum sheet designed for medium speed thermal transfer printing. This sheet offers good thermal transfer printing.	Thermal Transfer
OPTISCAN G	34#		A lightweight coated facestock designed for medium speed thermal transfer printing. This smudge resistance face offers good thermal transfer printing.	Thermal Transfer
DURASCAN® P		2.6	White satin finished polystyrene treated for thermal transfer printing. For indoor applications only. Displays excellent print graphics.	Thermal Transfer
DURASCAN PCL		2.0	Clear high-gloss polystyrene is suitable for thermal transfer printing. Designed for indoor use and human readable data only.	Thermal Transfer
DURASCAN L		3.0	A thermal transfer printable, opaque matte white, biaxially oriented, coated polypropylene.	Thermal Transfer
DURASCAN S	44#	3.2	A high density polyethylene film, clay coated to provide an excellent thermal transfer printing surface.	Thermal Transfer
DURASCAN F		2.0	White polyester specially selected to provide an excellent thermal transfer printing surface.	Thermal Transfer
DURASCAN Y		3.2	An matte white BOPP film designed for excellent thermal transfer and flexo printing. Exclusive to Mactac/Lintec companies.	Thermal Transfer
KIMDURA®		4.2	A high-density polypropylene film, clay coated to provide an excellent thermal transfer printing surface and outstanding environmental resistance.	Thermal Transfer



Face Stock	Basis Weight	Caliper	Description	Print Method
<b>Direct Thermal</b>				
MACScript2 DT	49#	3.24	A medium/high sensitivity top coated direct thermal paper for use in high speed or low voltage thermal printers. This bright white sheet makes text easy to read and graphics pop.	Direct Thermal
Medium Sensitivity Top-coated DT	19# (17x22 ream size)	2.95	A medium sensitivity bright white direct thermal paper topcoated for optimum environmental resistance. For visible light scanning up to 660nm.	Direct Thermal
Top-coated DT	47#	3.2	A medium sensitivity topcoated direct thermal paper with good environmental resistance. For visible light scanning up to 660nm.	Direct Thermal
Non-topcoated Medium Sensitivity Direct Thermal	47#	3.2	A medium sensitivity non-topcoated direct thermal paper for use in standard speed thermal printers. For visible light scanning up to 660nm.	Direct Thermal
Weigh Scale DT	47#	3.2	A medium sensitivity topcoated direct thermal paper with exceptional environmental resistance to plasticizers and for use in standard speed thermal printers. For visible light scanning up to 660nm.	Direct Thermal
High Sensitivity Top-coated DT	20.3# (17x22 ream size)	3.2	A high sensitivity bright white topcoated direct thermal paper for use in high speed or low voltage thermal printers. For visible light scanning up to 660nm.	Direct Thermal
Near IR DT	19#(17x22 ream size)	2.95	A medium sensitivity topcoated direct thermal paper suitable for barcode scanning wavelength ranges from visible (633nm) up to near IR (675nm) wavelength.	Direct Thermal
IR DT	19# (17x22 ream size)	2.95	A high sensitivity I.R. (925 nm) and visible light scannable paper for use in high-speed thermal printers. Top coated for optimal environmental resistance.	Direct Thermal
3.2 mil DT Medium to High Sensitivity Polypropylene		3.2	A 3 mil durable medium sensitivity high density top coated direct thermal polypropylene film exhibits excellent smoothness and resistance.	Direct Thermal
3.2 mil DT Medium to High Sensitivity Polypropylene	44#	3.2	A durable high sensitivity direct thermal polypropylene film for use in high-speed thermal printers. Synthetic substrate exhibits good environmental resistance.	Direct Thermal
3.8 mil DT High Sensitivity Polypropylene		4.2	High sensitivity direct thermal polypropylene for use in medium and high speed printers. This product offers good strength, stiffness and environmental resistance.	Direct Thermal
C100 Translucent DTI Film	47.4#	3.1	A high sensitivity, translucent polypropylene, overcoated direct thermal facestock for use in high speed thermal printers. Features good environmental resistance properties.	Direct Thermal



Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>General Purpose Permanent</b>					
<b>InFusion®</b>	+20°F (-7°C)	-65°F to +150°F (-54°C to +65°C)	No	No	Hybrid adhesive system is a proprietary blend of adhesive and silicone to allow clean die-cutting and matrix stripping at faster speeds and wider webs. Aggressive permanent adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.
<b>710VHP</b>	+20°F (-7°C)	-65°F to +150°F (-54°C to +65°C)	No	No	Permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Exceptional high speed converting.
<b>ST-95</b>	+25°F (-4°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	A general purpose permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Very good mandrel hold and glove friendly, ST-95 is widely used in healthcare applications.
<b>All-Temperature Permanent</b>					
<b>CHILL AT®</b>	-10°F(-23°C)	-65°F to +150°F (-54 to +65°C)	No	No	An all temperature hot melt adhesive with excellent quick stick and ultimate adhesion. It performs in both cold and damp environments and in elevated temperature applications. Chill AT is made to convert well on today's faster and wider presses.
<b>640-AT</b>	-20°F(-29°C)	-65°F to +200°F (-54 to +93°C)	Limited	No	An all temperature glove friendly acrylic adhesive that performs in both cold and damp environments and in elevated temperature applications. 640-AT converts well on today's faster and wider presses.
<b>Freezer Permanent</b>					
<b>Glacier 733</b>	0°F (-18°C)	-65°F to +150°F (-54°C to +65°C)	No	No	A rubber-based freezer adhesive characterized by moderate initial tack and excellent ultimate adhesion. Works effectively with common meat label packaging substrates and has shown excellent performance on cold/wet substrates.
<b>Direct Food Contact</b>					
<b>CHILL AT FDA</b>	-10°F(-23°C)	-65°F to +150°F (-54 to +65°C)	No	No	An all temperature rubber based adhesive that performs well in normal to freezer applications. Complies to 21 C.F.R. 175.125 (a) labels applied to poultry, dry foods, and processed, frozen, dried, or partially dehydrated fruits and vegetables and 21 C.F.R. 175.125 (b) labels applied to raw fruits and vegetables.
<b>711VHP</b>	+20°F (-7°C)	-65°F to +120°F (-54°C to +49°C)	No	No	A general purpose permanent adhesive featuring moderate cold temperature application properties complies to 21 C.F.R. 175.125 (a) labels applied to poultry, dry foods, and processed, frozen, dried, or partially dehydrated fruits and vegetables and 21 C.F.R. 175.125 (b) labels applied to raw fruits and vegetables.
<b>Removable</b>					
<b>HR-51</b>	+32°F (0°C)	-40°F to +200°F (-40°C to +93°C)	Good	Moderate	A general purpose removable adhesive. Offers excellent long-term removability from a wide variety of substrates.
<b>MR860</b>	+25° F (-4°C)	-40°F to +200°F (-40°C to +93°C)	Limited	No	A general-purpose acrylic based removable adhesive with excellent long- term removability from a wide variety of surfaces. Always pretest removable adhesives for suitability in each particular end use application.
<b>MR840</b>	+25° F (-4°C)	-40°F to +200°F (-40°C to +93°C)	Limited	No	An ultra removable acrylic emulsion adhesive characterized by low ultimate adhesion to most substrates. Not recommended for curved surfaces or Corrugated. Testing is highly recommended.
<b>LT-20</b>	+32°F (0°C)	-40°F to +200°C (-40°C to +93°C)	Good	Moderate	AA specially designed adhesive that exhibits delayed or low initial tack and moderate ultimate adhesion. Short-term removability from many substrates.

# ADHESIVES

Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>Peel &amp; Reseal</b>					
<b>ReLATCH® MP820</b>	+40°F (+4°C)	-65°F to +350°F (-54 to +176°C)	Good	Good	A peel / reseal acrylic adhesive with good initial tack but low to medium ultimate adhesion to a variety of film surfaces. It exhibits clarity and resistance to water whitening.
<b>High-Tack Permanent</b>					
<b>CHILL AT Extreme</b>	-10°F (-23°C)	-65°F to +150°F (-54°C to +65°C)	No	No	A high tack all temperature hot melt adhesive with outstanding quick tack and ultimate adhesion. It performs in both cold and damp environments and in elevated temperature applications.
<b>MF2030</b>	-20°F (-29°C)	-65°F to +200°F (-54°C to +93°C)	Limited	No	A special drum high tack cold temperature acrylic adhesive specifically developed to adhere to all types of metal and polyethylene drums.
<b>MP725</b>	+20°F (-7°C)	-65°F to +150°F (-54°C to +65°C)	No	No	A special purpose permanent rubber-base adhesive. Provides excellent adhesion to rubber and many other difficult substrates
<b>705VHP</b>	+20°F (-7°C)	-65°F to +150°F (-54°C to +65°C)	No	No	A high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. It has good flow characteristics, which permits adhesion to most rough textured surfaces.
<b>XT99</b>	+32°F (0°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	A special formulation of permanent high tack acrylic adhesive with superior adhesion for demanding applications requiring greater tack than standard adhesives.
<b>XT-100</b>	+32°F (0°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	A permanent, ultra high tack adhesive designed for special applications requiring greater tack than a standard industrial product. Especially good on rough and porous substrates
<b>MP690</b>	+50°F (+10°C)	-40°F to +302°F (-40°C to +150°C)	Good	Good	MP-690 is a high performance acrylic emulsion with a broad service temperature range with excellent UV, moisture and chemical resistance. MP-690 is used in durable applications requiring UL 969, CSA C22.2 compliance recognition.
<b>Specialty Permanent</b>					
<b>PUREapply®</b>	+10°F (-12°C)	-50°F to +175°F (-46°C to +79°C)	Good	Good	A clear, permanent rubber based adhesive with excellent tack and ultimate adhesion to a variety of surfaces. PUREapply is engineered to have initial removability on HDPE, polyester, polypropylene and glass. It exhibits exceptional clarity and resistance to water whitening
<b>PUREtac® CL216</b>	+32°F (0°C)	-50°F to +160°F (-46°C to +71°)	No	No	A permanent, optically clear adhesive designed to deliver permanent adhesion in the film-based labeling and packaging of health, beauty, food, beverage and household cleaning products. It exhibits exceptional clarity and resistance to water whitening. Complies with FDA 21 CFR 175.125.
<b>MP880</b>	+40°F (4°C)	-65°F to +350°F (-54°C to +176°C)	Good	Good	A permanent acrylic adhesive with excellent tack and ultimate adhesion to a variety of surfaces. Designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening. Complies with FDA 21 CFR 175.105.
<b>MP-910</b>	+25°F (-4°C)	-75°F to +200°F (-59°C to +93°C)	Good	Moderate	MP-910 adhesive is a patented formula designed to eliminate virtually all sheet edge adhesive bleed and eliminate the need to strip a matrix around the edge. It is general purpose, permanent acrylic emulsion adhesive, characterized by excellent ultimate adhesion to a wide variety of substrates.
<b>PUREfloat®</b>	+40°F (4°C)	-60°F to +200°F (-51°C to +93°C)	Good	No	PUREfloat is a clear, permanent acrylic emulsion adhesive, designed to enable PET bottle and thermoform container recycling per The Association of Plastic Recyclers (APR) Design Guide for Plastics Recyclability
<b>MP-238</b>	+25°F (-4°C)	-40°F to +257°F (-40°C to +125°C)	Good	No	MP238 is a permanent, emulsion acrylic adhesive with excellent tack and ultimate adhesion to a variety of surfaces. MP238 is designed for film labeling applications. It exhibits exceptional clarity and resistance to water whitening.



Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>LINTEC High-Tack Permanent</b>					
<b>Cryogenic</b>	+39°F (+4°C)	-320°F to +248°F (-196°C to +120°C)	Good	Good	A high tack acrylic adhesive with superior adhesion to small diameter test containers. Resists edge lifting when repeatedly subjected to changes between low and high temperatures such as removal from liquid nitrogen.
<b>DA1</b>	+39°F (4°C)	-40°F to +176°F (-40°C to +80°C)	Good	Good	A high performance, durable, permanent acrylic adhesive with aggressive initial tack and excellent ultimate adhesion. Very good adhesion to various high and low energy substrates and temperature and humidity resistance.
<b>Heat Resistant</b>	+50°F (10°C)	14°F to +485°F (-10°C to +250°C)	Moderate	Good	A high performance, permanent acrylic adhesive with excellent heat, chemical and solvent resistance.
<b>NPL</b>	+32°F (0°C)	-40°F to +248°F (-40°C to +120°C)	Good	Good	A high performance, permanent acrylic adhesive with excellent clarity and ultimate adhesion ideally for overlaminating material.
<b>Oil Tolerant</b>	+41°F (5°C)	-40°F to +212°F (-40°C to +100°C)	Good	Good	An acrylic adhesive that absorbs oil, enabling strong adhesion to lubricated surfaces. No surface degreasing required.
<b>P100</b>	+50°F (10°C)	-40°F to +300°F (-40°C to +149°C)	Good	Good	A high performance permanent acrylic adhesive with good chemical, humidity, elevated temperature and UV resistance. Outstanding adhesion to most surfaces.
<b>P293DS</b>	+39°F (4°C)	-40°F to +212°F (-40°C to +100°C)	Good	Good	A high performance, white, durable, permanent acrylic adhesive with high initial tack and excellent ultimate adhesion to various high and low surface energy substrates. Good chemical and solvent resistance
<b>PAT1</b>	+39°F (+4°C)	-40°F to +302°F (-40°C to +150°C)	Good	Good	A high performance, permanent acrylic adhesive with excellent ultimate adhesion and mandrel hold. Extremely chemical and solvent resistant with very good adhesion to various high and low energy substrates.
<b>PT3</b>			No	No	A rubber based permanent adhesive formulated to provide excellent adhesion to tires as well as good adhesion to many other difficult, low surface energy substrates.
<b>Silicone HR</b>	+50°F (+10°C)	14°F to +572°F (-10°C to +300°C)	Excellent	Excellent	A high performance, permanent silicone adhesive with excellent heat, chemical and solvent resistance.
<b>LINTEC Specialty Permanent</b>					
<b>Bubble Free</b>	+50°F (+10°C)	-40°F to +212°F (-40°C to +100°C)	Good	Good	A special acrylic adhesive that promotes air release during application and also resists blistering and label delamination caused by outgassing emitted from plastics.
<b>Outgas Resistant</b>	+39°F (4°C)	-40°F to +212°F (-40°C to +100°C)	Moderate	Good	A special acrylic adhesive that resists blistering and label delamination caused by outgassing emitted from plastics.
<b>LINTEC Removable</b>					
<b>KV11</b>	+14°F (-10°C)	-40°F to +189°F (-40°C to +87°C)	Moderate	Moderate	A moderate to high tack removable acrylic adhesive where a certain level of adhesion is required. Good adhesion to a variety of surfaces. Removability may vary upon the type of surface and condition used, testing recommended.
<b>MF</b>	+39°F (4°C)	-40°F to +189°F (-40°C to +87°C)	Moderate	Moderate	A moderate tack removable acrylic adhesive. Moderate adhesion to a variety of surfaces. Removability may vary upon the type of surface and condition used, testing recommended.
<b>Silicone POP</b>	+50°F (10°C)	-40°F to +212°F (-40°C to +100°C)	Excellent	Excellent	A silicone adhesive that enables clean and reliable removability. Unique wet-out properties allow air to escape from the label upon application.
<b>Specialty VOID</b>	+50°F (+10°C)	14°F to +176°F (-10°C to +80°C)	Good	Moderate	A unique removable acrylic that will generate VOID on the film side but does not leave residue on the applied surface. The performance may vary depending on type and finish of the surface, testing recommended.
<b>VR</b>	+50°F (+10°C)	14°F to +176°F (-10°C to +80°C)			This unique removable acrylic will generate the VOID letter on the film side but does not make residue on the applied surface. The performance may vary depending on the type and finish of the surface, so have prior testing before usage.

Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>General Purpose</b>					
<b>4LZ™ (2020)</b>	45°F	-40° to 250°F			This acrylic adhesive provides excellent ultimate adhesion to a wide variety of substrates and designed to be compatible with most low-speed and high-speed laser printers. Acrylic-based Permanent
<b>B-82</b>	40°F	-50° to 150°F			A general purpose hot melt adhesive with excellent quick-stick properties and long-term adhesion to a broad range of surfaces. Rubber-based Permanent
<b>BP-164</b>	40°F	-50° to 150°F			A general purpose hot melt adhesive with excellent quick-stick properties. This adhesive exhibits excellent adhesion to a broad range of packaging surfaces and has improved die cutting and stripping attributes compared to other hot melt rubber based adhesives. Rubber-based Permanent
<b>BP-52</b>	40°F	-40° to 200°F			A general purpose acrylic adhesive with excellent die cutting characteristics and ultimate adhesion to a broad range of substrates. Well suited for small, cylindrical labeling, and is glove friendly. Acrylic-based Permanent
<b>SFA™ (2020)</b>	15°F	-40° to 240°F			A clear, general purpose, emulsion acrylic permanent adhesive designed for applications with film facestocks. SFA exhibits excellent ultimate adhesion to polyethylene, polypropylene, and glass. Well suited for small, cylindrical labeling and is glove friendly. Acrylic-based Permanent
<b>XYZ™ (2020)</b>	15°F	-45° to 230°F			A general purpose acrylic adhesive for paper facestocks, featuring excellent ultimate adhesion to polypropylene, polyethylene, and glass. Also appropriate for cylindrical labeling such as test tubes, vials, etc. with the appropriate facestock. May allow for open time with some substrates. Acrylic-based Permanent
<b>Cold Temperature</b>					
<b>A-BC-20™</b>	10°F	-50° to 120°F			A-BC-20 is a light coat weight of BC-20 cold temperature permanent. It is a hot melt, rubber-based pressure sensitive adhesive featuring excellent adhesion to a variety of packaging materials and other substrates over a wide temperature range. In field processing, A-BC-20 standard constructions have displayed excellent die cutting and stripping characteristics. Rubber-based Permanent
<b>BC-20™</b>	10°F	-50° to 120°F			A cold temperature hot melt adhesive featuring excellent adhesion to a variety of packaging materials and other substrates over a wide temperature range. It displays good die cutting and stripping characteristics. Rubber-based Permanent
<b>CLD-10</b>	10°F	-50° to 145°F			An economical hot melt adhesive for a broad range of cold temperature applications needing high initial tack with excellent die cutting and stripping properties. Rubber-based Permanent
<b>PRM-550*</b>	25°F	-30° to 175°F			An aggressive emulsion acrylic appropriate for indoor and outdoor labeling. Acrylic-based Permanent
<b>PDL-09*</b>	35°F	-10° to 200°F			A cold temperature emulsion acrylic adhesive with excellent properties for drum labels. Die cuts very well and is an excellent choice for roll-to-sheet labels. Acrylic-based Permanent

\* Item not available for custom applications

Supersedes All Previous Product Catalogs



Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>Cold Temperature</b>					
SC-21	25°F	-50° to 140°F			A robust hot-melt adhesive exhibiting excellent adhesion and quick tack to a broad range of surfaces over a wide application temperature range. It displays the superior converting characteristics of an acrylic and wide web converting is excellent. Rubber-based Permanent
VG-440*	5°F	-20° to 180°F			An economical cold temp, rubber-based adhesive exhibiting excellent adhesion and quick tack to a variety of packaging surfaces over a wide application temperature range. This component is not available for custom construction. Rubber-based Permanent
<b>All Temperature</b>					
ATP™	20°F	-65° to 200°F			An all-temperature acrylic adhesive suitable for a wide variety of applications with paper facestocks providing exceptional converting characteristics that allow stripping of intricate die patterns as well as wide-web, high-speed processing. Acrylic-based Permanent
B-122F™	-10°F	-65° to 200°F			A clear all temperature acrylic adhesive featuring excellent adhesion to a variety of surfaces with film facestocks. It covers a broad temperature range and has excellent converting characteristics on press. The high initial tack of B-122F to low surface energy polyolefins makes it an ideal for blow-on applications. Acrylic-based Permanent
C-122F™	-10°F	-65° to 200°F			A premium drum and barrel acrylic adhesive for film facestocks that provides excellent adhesion to painted metal, polyolefin and fiber drums in all weather conditions. As a heavy coat weight of B-122F™, it is well suited for the most demanding of label applications. Acrylic-based Permanent
VA-365*	-20°F	-65° to 200°F			An economical all-temperature acrylic adhesive choice for a wide range of application temperatures. This component is not available for custom constructions. Acrylic-based Permanent
<b>Freezer</b>					
Frostbite™	-15°F	-65° to 160°F			A highly aggressive rubber-based adhesive featuring excellent initial tack and ultimate adhesion when applied at freezer conditions. Also an excellent choice when applied to packaging materials at room temperature and then subjected to -40° F blast freezing conditions. It will adhere to a variety of surfaces despite specific amounts of frost and / or moisture (testing is recommended). When used in warm environments (above room temperature), you will experience ooze and have converting issues. Rubber-based Permanent
<b>Cryogenic</b>					
Cryogenic	39°F	-320° to 248°F			A high tack solvent acrylic with excellent adhesion to small diameter test tubes and ampules. This adhesive resists edge lifting when repeatedly subjected to changes between extremely low temps and room temp, such as removal from liquid nitrogen. This component is not available for custom constructions. Acrylic-based Permanent

\* Item not available for custom applications



Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>Specialty</b>					
<b>AmpClamp™</b>	45F	-5° to 240°F			A specialty battery hot melt adhesive designed to adhere aggressively to textured polypropylene, typical of battery casings, while withstanding the rigors of heat, chemical, and moisture present in these applications. Paired with the appropriate facestock, it tests well in a number of OEM adhesion and acid tests such as GM6121M Type II label spec. Not for other automotive / underhood applications. Rubber-based Permanent
<b>FC-125</b>	10°F	-40° to 170°F			A specialty hot melt adhesive designed for application to the skin of edible raw fruits and vegetables when used with an appropriate face material. This adhesive does meet FDA requirements under the 21 CFR 175.125(b)(2) for adhesives. Rubber-based Permanent
<b>GripTight™</b>	40°F	-30° to 150°F			An aggressive hot melt adhesive designed for difficult surfaces including building materials, manufactured products or components, packaging materials, horticultural products, plastics, and wovens. While it's a heavy coat weight, it will die cut, strip, and dispense well compared to other similar aggressive adhesives - no adhesive pattern application needed. Rubber-based Permanent
<b>Oil Tolerant</b>	41°F	-40° to 212°F			Oil tolerant is an acrylic adhesive that absorbs oils, enabling strong adhesion to lubricated surfaces. No surface degreasing required for more efficient application. Acrylic-based Permanent
<b>PAT1</b>	39°F	-40° to 212°F			PAT1 is a high performance, durable, permanent acrylic adhesive with aggressive initial tack and excellent ultimate adhesion. It is extremely chemical and solvent resistant and has very good adhesion to various high and low energy substrates. Acrylic-based Permanent
<b>*PDL-55</b>	25°F	-25° to 180°F			An aggressive emulsion acrylic designed for drum label applications. This acrylic adhesive is designed to cut cleanly while yielding excellent adhesion to a wide variety of surfaces. SP-924G features excellent initial tack and minimal cold flow; it is an excellent choice for transfer tapes. Acrylic-based Permanent
<b>SureLock™</b>	25°F	-50° to 140°F			A hot melt adhesive exhibiting high tack and appropriate flow to aid in many hard-to-stick textured applications. It converts with less build up on press than many other higher coat weight competitors, and also provides a flat release profile for good dispensing. Rubber-based Permanent

\* Item not available for custom applications



Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
<b>Removable</b>					
<b>B-91</b>	40°F	-40° to 200°F			A removable adhesive providing excellent medium to long-term removability with minimal or no adhesive residue on a wide variety of substrates, particularly hard, smooth surfaces. Acrylic-based Removable
<b>HTR-1</b>	40°F	-40° to 200°F			A removable adhesive providing excellent medium to long-term removability. Designed to resist flow at elevated temperatures of continuous and sheet-fed lasers, it offers consistent adhesion, minimal build and clean removability from a variety of substrates, particularly hard, smooth surfaces. Acrylic-based Removable
<b>LiftOff™</b>	30°F	-20° to 140°F			A hot melt removable adhesive featuring excellent long-term removability. Good initial adhesion and clean removability allows for use on a variety of surfaces. Rubber-based Removable
<b>GPR™</b>	0°F	-40° to 200°F			A general purpose acrylic removable adhesive designed to remove cleanly from a wide variety of substrates. It is engineered to give excellent tack with minimal building of adhesion over time from a variety of surfaces. It is appropriate for laser applications. Acrylic-based Removable
<b>B-92</b>	40°F	-40° to 200°F			An aggressive general-purpose removable adhesive with medium initial tack. It will act as a permanent on smooth surfaces over long time periods or when used with paper facestocks. Acrylic-based Removable
<b>RSM-92*</b>	18°F	10° to 150°F			A removable, emulsion acrylic adhesive with good performance for indoor and outdoor use. Acrylic-based Removable
<b>VR</b>	50°F	14° to 176°F			This unique removable acrylic will generate the VOID letter on the film side but does not make residue on the applied surface. The performance may vary depending on the type and finish of the surface, so have prior testing before usage. Acrylic-based Removable

\* Item not available for custom applications



Liner	Caliper (mils)	Description
<b>2.4 Kraft</b>	2.4	A 2.4 mil, semi-bleached Kraft release liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications.
<b>3.2 Kraft</b>	3.2	A 3.2 mil, semi-bleached Kraft release liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications where a more demanding liner is required, data systems applications requiring marginal hole punching, perforating and fan folding.
<b>2.5 NK</b>	2.5	A 2.5 mil, unbleached natural Kraft release liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications.
<b>2.5 LF</b>	2.5	A 2.5 mil semi-bleached C1S lay flat liner specially selected for use in toner fusion and other toner fusion printer roll-to-sheet applications.
<b>2.5 Kraft LF</b>	2.5	A 2.5 mil semi-bleached Kraft lay flat liner specially selected for use in desktop inkjet, toner fusion and other toner fusion printer roll-to-sheet applications.
<b>3.2 Kraft LF</b>	3.2	A 3.2 mil, semi-bleached Kraft lay flat release liner exclusively selected for use in toner fusion and other toner fusion printer roll-to-sheet and continuous feed applications.
<b>3.4 C1S</b>	3.4	A 3.4 mil coated 2 side lay flat liner specially selected for use in desktop inkjet, toner fusion and other toner fusion printer roll-to-sheet applications.
<b>65# C1S</b>	3.6	A 3.6 mil, C1S white Kraft liner designed for and commonly used in roll-to-sheet applications.
<b>1.0 PET</b>	1.0	A 1.0 mil clear polyester liner ideally suited for maximum strength in very high speed automatic dispensing for roll-to-roll applications. Also recommended for clear facestock where the optimum optical clarity is desired.
<b>1.2 PET</b>	1.2	A 1.2 mil clear polyester liner ideally suited for maximum strength in very high speed automatic dispensing for roll-to-roll applications. Also recommended for clear facestock where the optimum optical clarity is desired.
<b>Bloom hi.impact®</b>	1.6	A 1.6 mil white glassine liner designed for excellent converting and dispensing while reducing your environmental impact.



<b>45# Blue Glassine</b>	2.6	A 45# blue glassine liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications where a more demanding liner is required.
<b>50# White Glassine</b>	3.0	A 50# white glassine liner, excellent for die cutting and stripping. Primarily used for roll-to-roll applications where a more demanding liner is required.
<b>55# White Glassine</b>	3.3	A 55# one side polycoated white glassine liner, excellent for die cutting and stripping. Primarily used for roll-to-roll applications where a more demanding liner is required.
<b>60# Blue Glassine</b>	3.5	A 60# one side polycoated blue glassine liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications where a more demanding liner is required.
<b>63# Ivory Kraft</b>	4.7	A 63# one side is polyethylene laminated ivory Kraft liner, excellent for die cutting and stripping. Designed for lay-flat applications.
<b>75# White Kraft</b>	4.7	A 75# white both side polycoated ultra smooth Kraft liner. Excellent for die cutting and stripping. Coated with a release system designed for lay-flat applications.
<b>92# White Kraft</b>	7.1	A 92# white Kraft liner, both sides are polyethylene laminated. Excellent for die cutting and stripping. Coated with a release system designed for lay-flat applications.
<b>2.0 PET</b>	2.0	A 2.0 mil clear polyester liner ideally suited for maximum strength in very high speed automatic dispensing for roll-to-roll applications. Excellent for die cutting and stripping.



Liner	Description	Backprint Method			Layflat		Caliper (mil)	Basis Wt. (#300ft <sup>2</sup> )	Opacity %	
		Flexo	Offset	Laser	Roll-to-Roll	Roll-to-Sheet				Laser
<b>Spinnaker - Calendered Krafts</b>										
40# Brown	An unbleached, supercalendered kraft liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.				■			2.4	40	93
40#	A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.	■			■			2.5	41	69 max
50#	A bleached, calendered liner featuring higher tensile and tear properties than the 40# liner, making it an excellent liner for perforating, fan-folding, and edge-punching.	■			■			3.2	53	74
Veero™ 40# *	An economical 40# SCK liner for general converting. This component is not available for custom constructions							2.5	40	65
Veero 50# *	A 50# liner for general use as well as fan-fold applications. This component is not available for custom constructions.	■			■			3.5	46	82
63# Kraft	This ivory kraft liner is polyethylene laminated on one side. Excellent for die cutting and stripping. This liner is designed for roll-to-sheet lay-flat applications					■		4.7	63	79.8
<b>Spinnaker - Glassine</b>										
Veero™ * 40# BWG	An economical 40# bleached glassine white liner that offers excellent roll label converting properties. This component is not available for custom constructions.				■			2.3	40	57.5
45# Blue	A 45# blue glassine liner. Excellent for die cutting and stripping. The liner is coated with a release system designed for label dispensing. Primarily for roll-to-roll applications where a more demanding liner is needed.				■			2.6	45	
60# Blue	A 60# blue glassine liner. Excellent for die cutting and stripping. The liner is coating with a release system designed for label dispensing. Primarily roll-to-roll applications where a more demanding liner is needed.				■			3.5	60	
Bloom hi.impact®	1.6 mil glassine liner that is excellent for die cutting, stripping, and label dispensing.							1.6	27	

\* Item not available for custom applications



Liner	Description	Backprint Method			Layflat		Caliper (mil)	Basis Wt. (#300ft <sup>2</sup> )	Opacity %		
		Flexo	Offset	Laser	Roll-to-Roll	Roll-to-Sheet				Laser	Offset
<b>Spinnaker - Clay-coated</b>											
<b>3.2 mil (45#) LF</b>	The 3.2 mil layflat is a bleached white, MG liner designed specifically to be compatible with high and medium speed cut-sheet laser and inkjet printers. This product is well suited for applications requiring a high degree of layflat. A small amount of clay is applied to the backside of the paper to enhance printability.	■					■	■	3.2	45	86
<b>3.5 mil (50#) LF</b>	The 3.5 mil layflat is a bleached white, MG liner designed specifically to be compatible with high and medium speed cut-sheet laser and inkjet printers. The product is well suited for applications requiring a high degree of layflat. A small amount of clay is applied to the backside of the paper to enhance printability.	■					■	■	3.5	50	89
<b>58# LF</b>	This bleached, calendared, clay liner is specifically designed to layflat at most typical relative humidity conditions. It is primarily intended for low to medium speed laser printers but testing is recommended.	■		■	■	■	■	■	3.8	58	86.5
<b>72#</b>	A C1S, bleached, kraft paper used primarily for roll-to-sheet products. The liner is specifically designed to lay flat and is not recommended for roll-to-roll or roll-to-fan-folded applications.	■					■		4.6	71	90
<b>Spinnaker - Film</b>											
<b>1.2 mil Clear Polyester*</b>	A 1.2 mil clear polyester liner is designed for roll label applications where smoothness, cleanliness, aesthetics, and the strength properties of the liner are emphasized. This liner is coated with a premium release system designed for the reliable dispensing of film products. This component is not available for custom constructions.					■			1.18	28.3	
<b>Spinnaker - Polycoated</b>											
<b>44# PK</b>	Poly-coated kraft is a natural, unbleached paper which combines the strength of paper and the toughness of polypropylene. The polypropylene layer provides a strong, forgiving surface to die cut against in addition to consistent, high speed label dispensing. Since the adhesive reflects the liner surface, it provides better clarity with clear film facestocks. The 44# PK liner is not recommended for fan-folded or sheeted applications.	■				■			3.2	44	89

\* Item not available for custom applicationsw

# STANDARD CONDITIONS OF SALE



## TERMS AND CONDITIONS

NOTICE: THIS ORDER WILL BE ACCEPTED AT TIME OF INVOICING AND SHIPMENT, AND WILL BE BILLED AT THE PRICE PREVAILING AT THE TIME OF SHIPMENT OF THE GOODS.

RETURNED MERCHANDISE CLAIMS - WILL NOT BE ACCEPTED UNLESS AUTHORIZED IN WRITING BY OUR HOME OFFICE. ALL CLAIMS FOR DEFECTIVE MERCHANDISE MUST BE MADE WITHIN 30 DAYS OF THE RECEIPT OF SHIPMENT. CLAIMS FOR LATENT DEFECTS MUST BE MADE WITHIN 90 DAYS.

WE HEREBY CERTIFY THAT THESE GOODS WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SECTION 6, 7, AND 12 OF THE FAIR LABOR STANDARDS ACT, AS AMENDED, AND OF REGULATIONS AND ORDERS OF THE UNITED STATES DEPARTMENT OF LABOR ISSUED UNDER SECTION 14 THEREOF.

### STANDARD TERMS AND CONDITIONS OF SALE

1. **Acceptance:** This order is accepted by the seller (the "Company"), on and subject to the following terms and conditions, which terms and conditions may not be varied or added to except by a writing signed by the Company's duly authorized representative. Any terms in Purchaser's order or confirmation which are inconsistent herewith shall not be binding upon the Company. Telephone Monitoring - We treat every customer call confidentially. To ensure that you receive accurate and courteous customer service, on occasion, your call may be monitored by a second employee.
2. **Terms:** All orders will be accepted at time of shipping and invoicing, and will be billed at the price prevailing at the time of shipment of the goods.

The terms of payment will be set forth on the face of the invoice.

3. **Freight:** All shipments are F.O.B. factory, Shipping Point. All risk of loss or damage to the goods shall pass to the Purchaser upon delivery of the goods to a common carrier, whether sold with freight allowed or otherwise. The Company reserves the right to ship goods via the most economical routing; if shipped otherwise upon the Purchaser's request, Purchaser shall pay the difference in rate of transportation.

**Collect Freight Customers Only:** Expected Delivery Date is an estimate. Please contact your carrier to confirm delivery.

4. **Taxes:** All sales, excise or similar taxes which the Company may be required to pay or collect with respect to the goods covered by this order shall be paid by Purchaser, except as otherwise provided by law.
5. **Excuse:** The Company shall not be liable for failure to perform this contract by reason of strikes, fires, floods, unavoidable accidents, wars, delays in transportation, acts of God, or other causes beyond its reasonable control.
6. **Warranty:** The customer assumes all risk and liability for results obtained by the use of the Company material, whether used singly or in combination with other products. The Company is not responsible for the performance of materials which are (a) over 180 days old or (b) stored under conditions other than those specified on the Company shipping or carton label. The Company warrants that its goods are as described on the face hereof and are of commercially acceptable quality.

THE COMPANY MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED AND ALL OTHER WARRANTIES INCLUDING, WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, ANY AND ALL WARRANTIES OF MERCHANTABILITY OR WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY EXCLUDED AND DISCLAIMED. THE COMPANY'S LIABILITY PURSUANT TO ANY WARRANTY SHALL BE LIMITED TO THE REPAIR OR REPLACEMENT OF THE MATERIAL SOLD OR REPAYMENT OF THE PURCHASE PRICE. UNDER NO CIRCUMSTANCES SHALL THE COMPANY BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR DAMAGE TO OTHER PROPERTY, WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, THE COMPANY SHALL HAVE NO LIABILITY FOR LOSS OF BUSINESS, BUSINESS INTERRUPTIONS, OR LOST PROFITS. IN NO EVENT SHALL THE COMPANY'S LIABILITY ON ANY WARRANTY OR CLAIMS WHATSOEVER, EXCEED THE COST OF THE MATERIALS SOLD.

7. **Claims:** Purchaser shall give written notice to the Company of any claims for breach of warranty within thirty (30) days after receipt of the goods if the breach or defect in the goods was or should have been discovered upon inspection of the goods; and Purchaser shall give written notice to the Company of any other claims for breach of warranty within ninety (90) days after it discovers or should have discovered such breach. Any remedy of the Purchaser against the Company shall be barred unless notice is given in accordance with the foregoing provision. All actions by the Purchaser for breach of warranty against the Company shall be brought within 180 days after the cause of action thereon accrues.

The liability of the Company for breach of warranty shall be limited solely to either the replacement of the goods or the return of the goods and repayment of the purchase price to Purchaser at the Company's discretion; such remedy shall be the exclusive and sole remedy of the Purchaser against the Company. The Company shall not be liable for any consequential or incidental damages suffered by Purchaser as a result of any breach of warranty.

# STANDARD CONDITIONS OF SALE

8. **Litigation:** In the event that suit is brought against the Purchaser with patent infringement by reason of its use of any of the goods sold hereunder, Purchaser shall give notice in writing to the Company of such suit within ten (10) days after the service upon the Purchaser of notice of such action. Failure to give such notice shall bar any claim of Purchaser against the Company resulting from such litigation.
9. **Applicable Law:** This Agreement shall be governed by and construed upon the laws of the State of Ohio and Federal law where applicable.
10. **Entire Agreement:** This Agreement contains the entire agreement between Purchaser and the Company and shall not be varied or added to except by a further written agreement signed by Company's duly authorized representative.
11. **Indemnities:** The Buyer shall indemnify and hold harmless the Producer from any and all loss, cost, expense and damages on account of any and all manner of claims, demands, actions and proceedings that may be instituted against the Producer on grounds alleging that the said product and method violates any copyright or any proprietary right of any person, or that contains any matter that is libelous or scandalous, or invades any person's right to privacy or other personal rights, except to the extent that the Producer has contributed to the matter. The Buyer agrees to, at the Buyer's own expense, promptly defend and continue the defense of any such claim, demand action or proceeding that may be brought against the Producer, provided further that the producer shall give to the Buyer such reasonable time as the exigencies of the situation may permit in which to undertake and continue the defense thereof.
12. **CLAIMS:** Complaints regarding damage in transit, shortage or total non delivery will be entertained only if lodged by the buyer within 14 days of invoice or receipt of goods whichever is the earlier. Complaints regarding manufacturing defects will be entertained only if lodged by the buyer within 30 days of receipt of merchandise. In special cases involving latent defects, claims may be allowed up to 90 days from receipt of merchandise.
13. **RETURNS:** No merchandise whether defective or otherwise will be accepted for return unless previously authorized in writing by the company.
14. **TOLERANCES:** While every effort is made to conform precisely with specified dimensions and quantities, no guarantee is given or implied except within normal trade tolerances.
15. **OVER RUNS/UNDER RUNS:** While every effort is made to manufacture and ship customers' exact requests, on custom orders for standard products customers will accept up to 10% over or under quantity ordered. For non standard products, this tolerance is increased to 20%.
16. **QUALITY:** Published information regarding performance, specification, dimensions, etc. of the Company's products is based on research and is reliable to the best of our knowledge and ability but this published information cannot be guaranteed and does not constitute or imply a warranty or condition.
17. **LIMITATION OF SELLERS' LIABILITY:** Any express or implied statement condition or warranty statutory or otherwise not stated herein is hereby excluded and deemed to be inconsistent herewith and no responsibility is accepted by the seller for any damaged or loss arising directly or indirectly from goods supplied or for any damage or loss arising by reason of any failure of the goods to comply with the specification or with statutory requirements.
18. **FORCE MAJEURE:** The performance of all contracts is subject to variation or cancellation by the seller owing to acts of Government, strikes, lock-outs, riots or other industrial disputes, industrial accidents, material or labour shortages, fire or floods whether affecting the seller or those furnishing or transporting materials to the seller or for delays in transportation or for any cause whatsoever beyond the reasonable control of the seller and the seller shall not be responsible for any liability to deliver or delay in delivery caused by any such contingency.
19. **AUTHORIZATION:** No salesman or agent may authorize any departure from these conditions which shall govern transactions except as otherwise specifically agreed in writing by an Officer of the Company.
20. **CUSTOMER'S CONDITIONS:** These terms and conditions shall take procedure over any terms and conditions contained in any other document forming part of the contract between the seller and the buyer whether such other document is dated or delivered before or after this document unless the contrary is expressly agreed in writing by an officer of the seller.





# Stronger Together

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