

Roll Label Product Catalog



Stronger Together



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Stronger Together

We're Stronger Together.

Our people, partnerships and product portfolio are stronger than ever, and with the breadth and depth of the united Mactac®, Lintec and Spinnaker® product portfolios, you can rely on us to provide flexible assets, technical expertise and service capabilities that best support you and your business.

Growing to serve.

We've evolved from a trusted pressure-sensitive adhesive supplier to a leading supplier with diverse adhesive technologies. With a larger asset footprint that reaches customers in every region of North America, we are bringing more value to more businesses--like yours--in more places.

As we've acquired companies and grown, we've looked for partners--like Spinnaker, Duramark Technologies and Label Supply--that share our outlook and provide advanced options to ensure customers only need to look to Mactac for the most robust product portfolio.

More solutions for every application.

Mactac now has more quality solutions to meet and exceed your needs and challenges, from core products to flexible assets that allow us to support specialty needs. Our experienced team can recommend the right adhesive for the right application with competency in emulsion, acrylic, hot melt, UV, and solvent adhesives. We're the leading PSA label supplier that has the technical expertise to solve your most challenging problems.

And we have the capabilities to support your sustainability targets through PCW, APR®, FSC® and our thin liner product offerings.

Access that exceeds expectations.

Let our responsive, knowledgeable, and experienced team be your resource. In addition to our expanded footprint across North America, we will soon be launching Ask S.A.M.™ (Spinnaker and Mactac™), a channel to engage directly with our technical team to support unique label needs. From customer questions to problem-solving your most challenging projects, you can count on our team of technical experts to give your requests the attention they deserve and the answers you expect.

Explore all we have to offer!





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 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/RLResources

Technical Data Guides

Please visit: www.mactac.com/RLResources

Contact Information

Customer service www.mactac.com/ContactUs or call us at **800-548-3456**
View orders/account online www.mactac.com/MyAccount/SignIn
Need to file a claim? 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

FSC Certifications

www.mactac.com/roll-label-sustainability

Precise Product Listing

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

Product Literature

Please visit: www.spinps.com/website/website.nsf/LiteratureRoll

Technical Data Guides

Please visit: 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

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 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.

Precisesm Products: 1 roll minimum x specified length. Contact Customer Service **800-548-3456** or our website 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

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


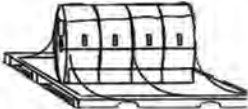
Custom Over Runs/Under Runs

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.**

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

Slitting Charges

Master Roll Width	Number of Slit Rolls	Number of Slit Rolls	Number of Slit Rolls	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.
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	

Non-Standard Roll Length

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

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

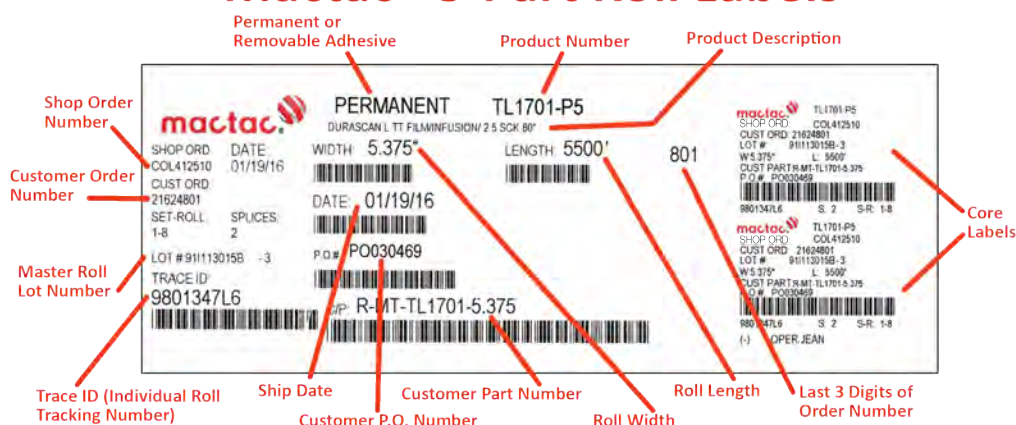
Locations	See Precise www.mactac.com/Precise
MSI Amount	See Precise www.mactac.com/Precise
Cut-off Time	See Precise www.mactac.com/Precise

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



CHILL AT® Adhesive Products



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*
Semi-Gloss								
PLATINUM™ XTRA Semi-Gloss Litho 55# Brilliant white semi-gloss coated litho sheet								
SGL7892-2	CHILL AT®	All-temp Permanent	1.2 PET	78"	2,500	205#	■	■
SGL7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact	78"	2,500	226#		■
SGL7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		■
PLATINUM Semi-Gloss Brilliant white semi-gloss coated sheet with high internal strength								
AC7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	265#		
54# Wet Strength Semi-Gloss Bright white semi-gloss coated wet strength sheet								
SGW7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		■
Metalized Paper								
A mirror finished metalized facestock with acrylic top coating for outstanding print quality.								
SMP7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	254#		■
Fluorescent								
Red Matte coated graphic quality fluorescent that provides brilliance and visual impact.								
AJR7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	235#		
Direct Thermal								
Non-Top-Coated A medium sensitivity non-top coated direct thermal paper								
DTNN7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact®	78"	2,500	211#		■
DTNN7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
Weigh Scale A medium sensitivity topcoated direct thermal paper								
DTW7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact	78"	2,500	211#	■	■
DTW7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
Thermal Transfer - Paper								
OPTISCAN® 2C Premium bright white, coated facestock for high-speed thermal transfer printing								
TT7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
Thermal Transfer - Film								
DURASCAN® L - 3.0 mil 3.0 mil Matte TT printable BOPP								
TL7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	250#		■

^ For more information see MAC3210 FSC Product Sheet

* 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*
Film								
VIVID™ 2.0 mil Chrome BOPP Bright silver top coated polypropylene								
PTS7891-2	CHILL AT®	All-temp Permanent	1.2 mil PET	60"	2,500	165#		■
PTS7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#		■
ALLURe® 2.3 mil White BOPP 2.3 mil white top coated polypropylene								
PTW7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	235#		■
VIVID 2.6 mil White BOPP 2.6 mil white polypropylene								
PJ7892-2	CHILL AT	All-temp Permanent	1.2 PET	78"	2,500	175#		■
PJ7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#		■
VIVID ICE™ 2.0 mil Clear BOPP 2.0 mil clear top coated BOPP film								
PF7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	205#		■
PF7892-2	CHILL AT	All-temp Permanent	1.2 PET	78"	2,500	165#		■
2.0 mil Clear BOPP 2.0 mil clear corona treated polystyrene.								
GFC7802	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*
Semi-Gloss								
PLATINUM XTRA Semi-Gloss 55# brilliant white semi-gloss coated litho sheet								
SGL7902	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	220#		■
Film								
VIVID™ 2.6 mil White BOPP 2.6 mil white polypropylene								
PJ7902	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	210#		■
Direct Thermal								
Weigh Scale A medium sensitivity topcoated direct thermal paper								
DTW7902	CHILL AT EXTREME	All-temp Permanent	2.4 SCK	78"	2,500	235#		■
Topcoated 4.0 mil Top-coated direct thermal film								
DPT7902	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^	Precise*
Semi-Gloss								
Platinum™ 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.								
AC9512LF⁺	ST-95	Permanent	3.2 Kraft LF	78"	2,500	295#		■
AC9502	ST-95	Permanent	2.4 SCK	78"	2,500	265#		■
AC9002	710VHP	Permanent	2.4 SCK	78"	2,500	265#	■	■
AC8602	MR860	Removable	2.4 SCK	78"	2,500	265#	■	■
AC8402	MR840	Ultra Removable	2.4 SCK	78"	2,500	265#	■	■
AC7802	CHILL AT®	All Temp Permanent	2.4 SCK	78"	2,500	265#		■
AC7202	711VHP	Direct Food, Heavy Coat Weight	2.4 SCK	78"	2,500	265#	■	■
AC7002	711VHP	Direct Food	2.4 SCK	78"	2,500	265#		■
AC5112LF⁺	HR-51	Removable	3.2 Kraft	78"	2,500	295#		
AC5102	HR-51	Removable	2.4 SCK	78"	2,500	265#		
AC2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	265#	■	■
AC5001	Glacier® 733	Freezer	2.4 SCK	60"	2,500	265#		
AC4502	705VHP	High Tack Permanent	2.4 SCK	78"	2,500	265#	■	■
AC2692	640-AT OPQ	All-temp Permanent, Block Out	2.4 SCK	78"	2,500	265#	■	■
Platinum Xtra 55# brilliant white semi-gloss coated litho sheet with outstanding ink receptivity and high internal strength characteristics for high speed printing and converting.								
SGL9592-2	ST-95	Permanent	1.2 mil PET	78"	2,500	255#		■
SGL9512LF⁺	ST-95	Permanent	3.2 Kraft LF	78"	2,500	285#		■
SGL9502	ST-95	Permanent	2.4 SCK	78"	2,500	255#	■	■
SGL9092-2	710VHP	Permanent	1.2 mil PET	78"	2,500	205#	■	■
SGL9002	710VHP	Permanent	2.4 SCK	78"	2,500	255#	■	■
SGL7902	CHILL AT EXTREME	All-temp High Tack	2.4 SCK	78"	2,500	255#	■	■
SGL7892-2	CHILL AT	All-temp Permanent	1.2 mil PET	78"	2,500	205#	■	■
SGL7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact®	78"	2,500	226#	■	■
SGL7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
SGL7792-2	CHILL AT FDA	All-temp Permanent	2.4 SCK	78"	2,500	255#		■
SGL7702	CHILL AT FDA	All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
SGL7092-2	711VHP	Direct Food	2.4 SCK	78"	2,500	255#	■	■
SGL7002	711VHP	Direct Food	2.4 SCK	78"	2,500	255#	■	■
SGL2652-7	640-AT	All-temp Permanent	Bloom hi.impact	78"	2,500	226#		■
SGL2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		■
Wet Strength 54# bright white wet strength semi-gloss construction with QUICK TACK and high wet strength ratio.								
SGW7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		■

^ 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.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC [^]	Precise*
Semi-Gloss								
Platinum Plus 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.								
PLD9502	ST-95	Permanent	2.4 SCK	78"	2,500	250#	■	
PLD9002	710VHP	Permanent	2.4 SCK	78"	2,500	250#	■	■
PLD7002	711VHP	Direct Food	2.4 SCK	78"	2,500	250#	■	■
PLD2692-2	640 AT	All-temp Permanent	1.2 mil PET	78"	2,500	234#		■
PLD2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	250#	■	■
Dairy Label								
50# Lightweight dairy label is a white, flexible, uncalendered sheet that has high internal strength characteristics for high speed printing and converting.								
DLA7772	710 DL HCW	Dairy Label, Heavy Coat Weight	2.5 NK	78"	2,500	234#		■
DLA7192-0	710 DL	Dairy Label Permanent	1.0 mil PET	78"	2,500	176#		■
DLA7172	710 DL	Dairy Label Permanent	2.5 NK	78"	2,500	222#		■
DLA7152-7	710 DL	Dairy Label Permanent	Bloom hi.m pact®	78"	2,500	221#		■
DLA7102	710 DL	Dairy Label Permanent	2.4 SCK	78"	2,500	222#		■
DLA7092-0	711VHP	Direct Food	1.0 mil PET	78"	2,500	176#		■
DLA7072	711VHP	Direct Food	2.5 NK	78"	2,500	222#		■
High-Gloss								
White Gold® Litho 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.								
WG9002	710VHP	Permanent	2.4 SCK	78"	2,500	255#		■
WG2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	255#		
Cast Coated A 57# cast-coated, mirror finish, high strength paper stock designed for quality printing and high speed converting.								
CHG9592	ST-95 OPQ	Permanent Block Out	2.4 SCK	78"	2,500	265#		
CHG9002	710VHP	Permanent	2.4 SCK	78"	2,500	265#		■
CHG7002	711VHP	Permanent	2.4 SCK	78"	2,500	265#		■
CHG4502	705VHP	High-tack Permanent	2.4 SCK	78"	2,500	265#		
CHG2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	265#		■
Matte								
Majestic Litho 60# bright white, high strength, matte-coated white litho paper stock designated for quality printing & high-speed converting.								
AP9002	710VHP	Permanent	2.4 SCK	78"	2,500	265#		■
AP5102	HR-51	Removable	2.4 SCK	78"	2,500	265#		
Tag Stock								
8 Pt. C1S A white coated one side tag stock. Excellent for applications requiring a stiffer or more durable face stock.								
AI9502	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*
Foil									
Laminated Foil .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.									
AK2606	Bright Silver	640-AT	All-temp Permanent	2.4 SCK	60"	2,500	310#		
Metalized Paper									
A mirror finished metalized face stock with acrylic top coating for outstanding print quality.									
SMP9092-0	Bright Silver	710VHP	Permanent	1.0 mil PET	Custom	Custom	195#		
SMP9002	Bright Silver	710VHP	Permanent	2.4 SCK	78"	2,500	254#		■
SMP7802	Bright Silver	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	254#		■
Fluorescent									
Matte coated graphic quality fluorescent that provides brilliance and visual impact.									
AJC9002	Chartreuse	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
AJG9002	Green	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
AJO9002	Orange	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
AJP9002	Pink	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
AJR9002	Red	710VHP	Permanent	2.4 SCK	78"	2,500	270#		■
AJR7802	Red	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	270#		

^ For more information see MAC3210 FSC Product Sheet

* 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*
White Polystyrene							
2.6 mil Corona treated for print receptivity. Ideal for use as a coupon base.							
GF9001	710VHP	Permanent	2.4 SCK	60"	2,500	250#	■
GF5001	Glacier 733	Freezer	2.4 SCK	60"	2,500	250#	
White Vinyl							
3.4 mil White High performance soft vinyl. Top coated for optimal ink receptivity.							
VDG9521	ST-95	Permanent	65# C1S	60"	2,500	350#	
VDG9511 British Maritime 5609	ST-95	Permanent	3.2 Kraft	60"	2,500	320#	
White BOPP							
2.2 mil Squeeze Top coated for superior printability. Applications where repeated wall to wall squeezability is needed.							
SWP9592-2	ST-95	Permanent	1.2 mil PET	78"	2,500	155#	
SWP9501	ST-95	Permanent	2.4 SCK	60"	2,500	205#	■
SWP8891-2	MP880	Specialty Permanent	1.2 mil Clear PET	60"	2,500	155#	■
2.6 mil Top coated, white pearlescent polypropylene face for striking graphic quality.							
PJ9502	ST-95	Permanent	2.4 SCK	78"	2,500	210#	■
PJ9092-2	710VHP	Permanent	1.2 mil PET	60"	2,500	175#	■
PJ9012	710VHP	Permanent	3.2 SCK	78"	2,500	240#	
PJ9001-78	710VHP	Permanent	2.4 SCK	78"	2,500	210#	■
PJ7902	CHILL AT Extreme	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	210#	■
PJ7892-2	CHILL AT®	All-temp Permanent	1.2 mil PET	60"	2,500	175#	■
PJ7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#	■
PJ7792-2	CHILL AT FDA	Direct Food All-temp Permanent	1.2 mil PET	60"	2,500	175#	■
PJ7702	CHILL AT FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	210#	■
PJ7212	711VHP	Direct Food Perm, Heavy Coat Weight	3.2 SCK	78"	2,500	240#	
PJ7092-2	711VHP	Direct Food Permanent	1.2 mil PET	60"	2,500	175#	■
PJ7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	210#	■
PJ4512	705VHP	High-tack Permanent	3.2 SCK	78"	2,500	240#	
PJ2692-2	640AT	All-temp Permanent	1.2 mil PET	78"	2,500	175#	■
PJ2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	210#	■
PJ0192-2	PUREfloat®	Specialty Permanent	2.4 SCK	78"	2,500	188#	■
PJ0101	PUREfloat	Specialty Permanent	2.4 SCK	60"	2,500	210#	■
2.4 mil Top coated white biaxially oriented polypropylene. Pearlescent face for striking graphic quality.							
PJL9092-2	710VHP	Permanent	1.2 mil PET	78"	2,500	148#	■
PJL9002	710VHP	Permanent	2.4 SCK	78"	2,500	186#	■
PJL9592-2	ST-95	Permanent	1.2 mil PET	78"	2,500	148#	
PJL9502	ST-95	Permanent	2.4 SCK	78"	2,500	182#	■
PJL7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	186#	■
PJL3892-2	MP238	Specialty Permanent	1.2 mil PET	78"	2,500	165#	■
PPW3791-2	PUREapply®	Permanent	1.2 mil PET	60"	2,500	175#	■
PJL2692-2	640AT	All-temp Permanent	1.2 mil PET	78"	2,500	148#	■
PJL2602	640-AT	All-temp 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*
White BOPP							
1.6 mil White pearlescent polypropylene face for striking graphic quality.							
PJX9592-0	ST-95	Permanent	1.0 mil PET	78"	2,500		
ALLURe® - 2.3 mil Top coated white polypropylene. Excellent printability for prime label applications.							
PTW9592-2	ST95	Permanent	1.2 mil PET	78"	2,500	167#	■
PTW9002	710VHP	Permanent	2.4 SCK	78"	2,500	235#	■
PTW8891-2	MP880	Specialty Permanent	1.2 mil PET	60"	2,500	170#	■
PTW8291-2	ReLatch®	Peel/Reseal	1.2 mil PET	60"	2,500	165#	■
PTW7802	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	220#	■
PTW7702	CHILL AT FDA	Direct Food, All-temp Perm	2.4 SCK	78"	2,500	220#	■
PTW7002	711VHP	Direct Food, Permanent	2.4 SCK	78"	2,500	235#	■
PTW4511	705VHP	High-tack Permanent	3.2 SCK	60"	2,500	240#	
PTW2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	235#	■
PTW1691-2	PUREtac®	Permanent	1.2 mil PET	60"	2,500	170#	■



Chrome BOPP							
2.0 mil Top coated chrome polypropylene. Excellent printability for prime label applications.							
PTS7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	210#	■
PTS9501	ST-95	Permanent	2.4 SCK	60"	2,500	210#	■
PTS1691-2	PUREtac CL216	Permanent	1.2 mil PET	60"	2,500	165#	■
PTS7891-2	CHILL AT	All-temp Permanent	1.2 PET	60"	2,500	165#	■

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
Clear BOPP							
Vivid™ Ice - 1.6 mil Top coated film for "No Label Look" for the food, cosmetic, beverage, and household cleaner market segments.							
PF9592-0	ST-95	Permanent	1.0 mil PET	78#	2,500		
Vivid Ice - 2.0 mil Top coated BOPP film for "No Label Look" for the food, cosmetic, beverage, and household cleaner market segments.							
PF9592-2	ST-95	Permanent	1.2 mil PET	78"	2,500	165#	■
PF9502-78	ST-95	Permanent	2.4 SCK	78"	2,500	205#	■
PF9002-78	710VHP	Permanent	2.4 SCK	78"	2,500	205#	■
PF7892-2	CHILL AT	All-temp Permanent	1.2 mil PET	78"	2,500	165#	■
PF7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	205#	■
PF7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	205#	■
PF4502	705VHP	High-tack Permanent	2.4 SCK	Custom	Custom	205#	
PF2602-78	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	205#	■
PF0101	PUREfloat®	Specialty Permanent	2.4 SCK	60"	2,500	205#	■
PTC8891-2	MP880	Specialty Permanent	1.2 mil PET	60"	2,500	165#	■
PTC8291-2	ReLatch®	Peel/Reseal	1.2 mil PET	60"	2,500	165#	■
PF3892-2	MP238	Specialty Permanent	1.2 mil PET	78"	2,500	165#	■
PTC1691-2	PUREtac®	Permanent	1.2 mil PET	60"	2,500	165#	■
PF0102	PUREfloat®	Specialty Permanent	2.4 SCK	78"	2,500	186#	■
2.2 mil Squeeze Clear BOPP Top coated for superior printability. Applications where repeated wall to wall squeezability is needed.							
SCP9592-2	ST-95	Permanent	1.2 mil PET	78#	2,500	165#	
SCP8891-2	MP880	Specialty Permanent	1.2 mil PET	60"	2,500	165#	■
Clear Polystyrene							
2.0 mil Corona treated for print receptivity. Ideal for use as a coupon base.							
GF9002-78	710VHP	Permanent	2.4 SCK	78"	2,500	215#	■
GFC7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	215#	■
1.5 mil Corona treated clear polystyrene with permanent adhesive. Ideal for use as a coupon base.							
CPS9002	710VHP	Permanent	2.4 SCK	78"	2,500	185#	■
Static Cling Clear Vinyl							
6.0 mil Top coated vinyl. Excellent flexo & thermal transfer printability.							
VAL0034-54	n/a	Self-clinging	60#	54"	2,500	480#	
VCL0034-54	n/a	Self-clinging	60#	54"	10,000	480#	

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
White Polypropylene											
2.6 mil Gloss Top-coated British Maritime 5609											
PJ6914	MP690	3.2 SCK	60"	2,500	240#	■	■	■	■	■	
3.0 mil Matte Top-coated UL 969											
BDF6914	MP690	3.2 SCK	60"	2,500	240#	Custom			■	■	
2.6 mil UV Resistant Matte Top-coated (BOPP), UL 969, CSA C22 2 No. 015 (cUL), British Maritime 5609											
BDE6914	MP690	3.2 SCK	60"	2,500	240#	■		■	■	■	
White Flexible Vinyl											
3.4 mil Matte Top-coated (PVC), UL 969, CSA C22 2 No. 015 (cUL), British Maritime 5609											
VDG6911	MP690	3.2 SCK	60"	2,500	320#	■		■	■	■	
Clear Polyester											
1.0 mil Gloss Top-coated UL 969, CSA C22 2 No. 015 (cUL)											
FAB69.14	MP690	3.2 SCK	60"	2,500	250#	■			■	■	■
2.0 mil Gloss Top-coated UL 969, CSA C22 2 No. 015 (cUL)											
FAD6914	MP690	3.2 SCK	60"	2,500	250#	■			■	■	■
White Polyester											
2.0 mil Gloss Top-coated UL 969, CSA C22 2 No. 015 (cUL), British Maritime 5609											
FCD6914	MP690	3.2 SCK	60"	2,500	250#	■		■	■	■	
2.0 mil Semi-Gloss Top-coated UL 969, CSA C22 2 No. 015 (cUL)											
FCD4954	PAT1	3.0 Glassine	43"	2,500	250#	■		■	■	■	
2.0 mil Matte Top-coated British Maritime 5609											
FDD6919N Laser Printable	MP690	3.2 SCK	60"	2,500	270#	■		■	■	■	
Silver Polyester											
2.0 mil Gloss Top-coated Bright Silver UL 969, CSA C22 2 No. 015 (cUL)											
FED6914	MP690	3.2 SCK	60"	2,500	250#	■			■	■	
2.0 mil Matte Top-coated Silver UL 969, CSA C22 2 No. 015 (cUL)											
FFD6914N	MP690	3.2 SCK	60"	2,500	250#	■			■	■	
2.0 mil Gloss Top-coated Brushed Silver UL 969, CSA C22 2 No. 015 (cUL)											
FGD6914N	MP690	3.2 SCK	60"	2,500	250#	■			■	■	
2.0 mil Gloss Top-coated, Reverse Void Silver UL 969											
FJD6914	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*
White BOPP								
2.6 mil Matte								
BDE6914	MP690	3.2 SCK	60"	2,500	■	iimak Black Resin: SP330 & SP575, Ruby Red Resin: DC300, Green Resin: DC300, Bright Blue Resin: DC300, Yellow Resin: DC305	Flexo & TT Printable	■
2.6 mil Gloss								
PJ6914	MP690	3.2 SCK	60"	2,500	■	iSys Label EDGE 850 Digital Label Printer & Toner Actega Optafilm Flexo Inks Yellow, Red, Blue and Black	Flexo & TT Printable	■
2.3 mil Gloss								
PTW4511	705VHP	3.2 SCK	60"	2,500	■	ITW Thermal Films Black Wax-Resin: B325, Red Wax-Resin: B120 Actega Optafilm Flexo Inks Red and Gray	Flexo & TT Printable	
White Polyethylene								
3.0 mil Matte								
DSS4501	705VHP	2.4 SCK	60"	2,500	■		Flexo & TT Printable	
White Polyester								
2.0 mil Matte								
FDD6919N	MP690	3.4 C1S	60"	2,500	■	iSys Label EDGE 850 Digital Label Printer & Toner Primera CX1200 & CX1000 Color Digital Printer	Laser & Impact Printable	■
2.0 mil Gloss								
FCD6914	MP690	3.2 SCK	60"	2,500	■	ITW Thermal Films Black Resin: B324 & B325, Red Resin: B324R; DNP Black Resin: R300, w Red Resin: R510; iimak Black Resin: SP330 & SP575, Ruby Red Resin: DC300, Green Resin: DC300, Bright Blue Resin: DC300, Yellow Resin: DC305 Armor SAS Black Resin: AXR8, AXR7+, AXR600, Red Resin: AXR600R	Flexo & TT Printable	■
White Vinyl								
3.4 mil Matte								
VDG9511	ST-95	3.2 CK	60"	2,500	■		Flexo & TT Printable	
VDG6911	MP690	3.2 SCK	60"	2,500	■	ITW Thermal Films Black Wax-Resin: B128, Red Wax-Resin: B120 Actega Optafilm Flexo Inks 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*
Overlaminates							
LTC01290	2.4 mil Unryu Texture Film	NPL	50# White Glassine	43.3"	3,280	175#	
LTC01288	1.0 mil Clear Matte Polyester	NPL	50# White Glassine	38.6"	2,500	192#	
LTC01275	0.7 mil Soft Feel Clear Matte Polypropylene	NPL	50# White Glassine	43.3"	2,500	166#	
LTC01278	1.0 mil Clear Gloss Polyester	NPL	1.0 mil Clear PET	54.0"	2,500	138#	
LTCFR1125-25	1.0 mil Clear Matte Topcoated Polyester	Permanent	50# White Glassine	38.6"	Custom	192#	
Oily Surface							
LTCOT8060	3.1 mil White Matte Polypropylene	Oil Tolerant	45# Blue Glassine	43.3"	2,500	238#	
LTCOT5050	2.0 mil Clear Gloss Polyester	Oil Tolerant	60# Blue Glassine	43.3"	2,500	276#	
LTCOT5040	2.0 mil White Semi-Gloss Polyester	Oil Tolerant	45# Blue Glassine	43.3"	2,500	222#	
LTCOT5038H	2.0 mil White Gloss Polyester	Oil Tolerant HCW	50# White Glassine	47.2"	5,000	263#	
Cryogenic							
LTC01495	3.1 mil White Matte Destructible	Cryogenic	50# White Glassine	38.6"	3,280	218#	
LTC01483	2.2 mil White Matte Laser Printable Polyester	Cryogenic	63# Ivory Kraft	43.3"	2,500	259#	
LTC01475	3.9 mil White Matte DT Polypropylene	Cryogenic	45# Blue Glassine	42.5"	2,500	259#	
LTC01469	2.0 mil White Semi-Gloss TT Printable Polyester	Cryogenic	50# White Glassine	43.3"	2,500	231#	
LTC01454	2.0 mil Clear Gloss TT Printable Polyester	Cryogenic	50# White Glassine	43.3"	3,280	231#	
VOID							
LTC02574	2.0 mil Bright Silver VOID Polyester	PAT1	60# Blue Glassine	38.6"	2,500	266#	
LTC02573	2.0 mil Matte Silver VOID Polyester	PAT1	50# White Glassine	38.6"	2,500	244#	
LTC01912	2.0 mil White Gloss VOID Polyester	P293DS	50# White Glassine	38.6"	2,500	251#	■
LTC01584	3.2 mil Blue Non-residue VOID Polyethylene	Specialty VOID	45# Blue Glassine	38.6"	2,500	247#	
LTC01583	3.2 mil Red Non-residue VOID Polyethylene	Specialty VOID	45# Blue Glassine	38.6"	2,500	247#	
LTC01574	1.5 mil Blue Non-residue VOID Polyester	Specialty VOID	60# Blue Glassine	37.8"	2,500	252#	
LTC01573	1.5 mil Red Non-residue VOID Polyester	Specialty VOID	60# Blue Glassine	37.8"	2,500	252#	
LTC01572	1.5 mil Clear Non-residue VOID Polyester	Specialty VOID	60# Blue Glassine	37.8"	2,500	252#	
LTC01571	1.5 mil Clear Gloss VOID Polyester	PAT1	60# Blue Glassine	38.6"	2,500	252#	
Destructible							
LTC03600S	2.0 mil Clear Gloss Destructible PVC	PAT1	50# White Glassine	43.3"	2,500	235#	
LTC03503	2.0 mil Silver Sparkle Gloss Destructible PVC	PAT1	50# White Glassine	40.2"	2,500	244#	
LTC03190	3.1 mil White Matte Destructible Polypropylene	PAT1	45# Blue Glassine	38.6"	3,280	215#	
LTC03124	2.0 mil White Satin Destructible PVC	PAT1	45# White Glassine	39.8"	2,500	247#	
LTCNVP50	2.0 mil White Matte Destructible Non-PVC	DA1	45# Blue Glassine	39.4"	2,500	233#	■
LTCNVP50C	2.0 mil Clear Matte Destructible Non-PVC	DA1	45# Blue Glassine	39.4"	2,500	233#	
YUPO							
LTC09402	3.1 mil White YUPO Polypropylene	KV11	45# Blue Glassine	43.3"	2,500	227#	
LTC09400	3.1 mil White YUPO Polypropylene	PAT1	60# Blue Glassine	43.3"	2,500	261#	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Description	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	Precise*
Low Ooze/Durable							
FAD4954	2.0 mil Clear Gloss Polyester	PAT1	45# White Glassine	38.6	2,500	232#	
FCD4954	2.0 mil White Semi-Gloss Polyester	PAT1	50# White Glassine	43.3	2,500	228#	■
FCD0654	2.0 mil White Gloss Polyester	P0066	45# White Glassine	43.3	3,280	239#	
FED4954	2.0 mil Bright Silver Polyester	PAT1	45# White Glassine	43.3	2,500	232#	
FFD4954	2.0 mil Chemical Matte Silver Polyester	PAT1	45# White Glassine	38.6	2,500	232#	
FFD0654	2.0 mil Chemical Matte Silver Polyester	P0066	45# White Glassine	38.6	3,280	253#	
LTC02025	2.0 mil Physical Matte Silver Polyester	PAT1	45# Blue Glassine	43.3	2,500	252#	
LTC01229	2.2 mil White Matte Laser Polyester	PM	63# Ivory Kraft	43.3	2,500	276#	
Retroreflective							
LTCRRF02	3.9 mil Retroreflective film	PAT1	50# White Glassine	48.0	1,640	339#	
LTCRRF01	3.9 mil Retroreflective film	P0066	89# Blue Kraft	35.8	1,640	435#	
Chemical Resistant							
LTC01980	2.4 mil White Matte Durafol Polyester	P100	55# White Glassine	39.4	2,500	306#	
Hologram							
LTCSS2010	1.0 mil Hologram Polyester	Permanent	92# White Kraft	24.0	3,280	292#	
REPOP							
LTCRE503S	2.0 mil White Semi-Gloss Polyester	Silicone POP	75# White Kraft	42.5	2,500	274#	
LTCRE505S48	2.0 mil Clear Gloss Polyester	Silicone POP	75# White Kraft	42.5	2,500	296#	
Heat Resistant							
LTCHR5220-50	2.4 mil White Topcoated Polyimide	Silicone HR	2.0 mil Clear PET	18.9	492	228#	
LTCHR5252-25	1.4 mil White Topcoated Polyimide	Heat Resistant	65# Blue Glassine	18.9	492	260#	
LTCHR3210-25	1.6 mil White Topcoated Polyetherimide	Heat Resistant	65# Blue Glassine	19.3	1,640	233#	
Bubble Free							
LTCMC5032	2.0 mil White Semi-Gloss Polyester	Bubble Free	60# Blue Glassine	43.3	3,940	262#	
LTCMC5052	2.0 mil Clear Gloss Polyester	Bubble Free	60# Blue Glassine	43.3	3,940	353#	
LTCMC5082	2.0 mil Silver Matte Polyester	Bubble Free	60# Blue Glassine	43.3	3,940	302#	
LTCVL7511	3.0 mil White Matte Polypropylene	Outgas Resistant	45# Blue Glassine	37.4	3,280	226#	
Tire Label							
LTC-TL50241138	2.0 mil White Semi-Gloss Polyester	PT3	45# Blue Glassine	43.3	20,000	245#	
Recycle PET							
LTCKP5000	2.0 mil Clear Gloss Polyester	Permanent	60# Blue Glassine	43.3	2,500	266#	

* For more information see MAC3218 Precise/Trimless Guide

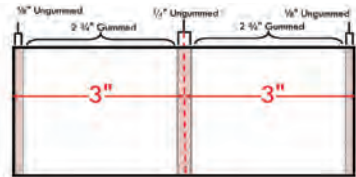
TIRE LABEL & HIGH-TACK LABELSTOCKS



Tire Labelstocks

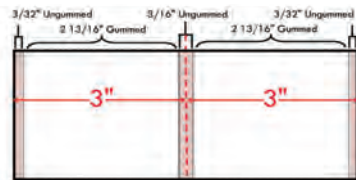
Tire Label - Pattern Coated | White top coated pearlescent polypropylene designed for the rubber and tire industry. Excellent adhesion to rubber. Please Note for Pattern Coated Products: Adhesive coating width tolerance is +/- 1/16" ; Slitting in Ungummed area is +/- 1/16" ; Total roll slit width tolerance remains standard 1/32".

Product Number [TLL2511D1](#)
Adhesive MP725
Adhesive Type Tire Adhesive
Liner 3.2 Kraft
Slit Width Increments 3", 6" & 9"
Length Custom 20,000 ft
Approx. Wt. MMSI 220#



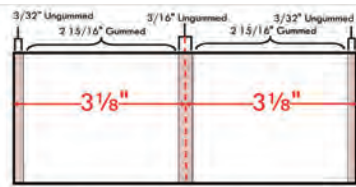
Pattern for TLL2511D1

Product Number [TLL2511D2 & D2Q](#)
Adhesive MP725
Adhesive Type Tire Adhesive
Liner 3.2 Kraft
Slit Width Increments 3", 6" & 9"
Length 2,500 ft
Approx. Wt. MMSI 220#



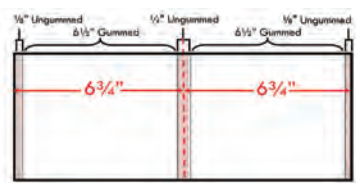
Pattern for TLL2511D2 & TLL2511D2Q - is a backside coated liner

Product Number [TLL2511D3Q](#)
Adhesive MP725
Adhesive Type Tire Adhesive
Liner 3.2 CTD Kraft
Slit Width Increments 3 1/8", 6 1/4" & 9 3/8"
Length 2,500 ft
Approx. Wt. MMSI 220#



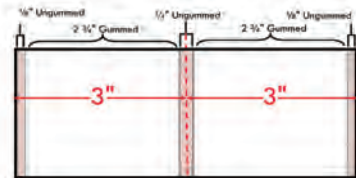
Pattern for TLL2511D3Q - is a backside coated liner

Product Number [TLL2511E4Q](#)
Adhesive MP725
Adhesive Type Tire Adhesive
Liner 3.2 CTD SCK
Slit Width Increments 6 3/4" & 13 1/2"
Length 2,500 ft
Approx. Wt. MMSI 220#



Pattern for TLL2511E4Q - is a backside coated liner

Product Number [TLL2511F1](#)
Adhesive MP725
Adhesive Type Tire Adhesive
Liner 3.2 Kraft
Slit Width Increments 3", 6" & 9"
Length Custom 20,000 ft
Approx. Wt. MMSI 220#



Pattern for TLL2511F1

Product Number	Adhesive	Adhesive Type	Liner	Min MMSI	Length Ft	Approx. Wt MMSI
High-Tack Tire Labelstocks						
3.0 mil Matte Polypropylene - Full Gum A bright white BOPP film designed for thermal transfer printing as well as flexo printing. Excellent adhesion to rubber.						
TLN2510G	MP725 Full Gum	Tire Adhesive	3.2 Kraft	1.215	2,500	230#
Polypropylene - Full Gum White top coated pearlescent polypropylene designed for the rubber and tire industry. Excellent adhesion to rubber.						
TLL2511D	MP725 Full Gum	Tire Adhesive	3.2 Kraft	1.215	2,500	220#



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Cores	Approx. Wt MMSI	FSC [^]	Precise [*]
Standard									
Lay Flat Guarantee - 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.									
LAS9512	ST-95	Permanent	3.2 CCK-LF	78"	2,500	6"	270#		■
LAS8612	MR860	Removable	3.2 CCK-LF	78"	2,500	6"	270#		■
LAS5112	HR-51	Removable	3.2 CCK-LF	78"	2,500	6"	270#		
LAS2612	640-AT	All-temp Permanent	3.2 CCK-LF	78"	2,500	6"	270#		■
LAS1813	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	3"	270#		■
LAS1813RX	MP-910	Laser Permanent	3.2 SCK-LF	78"	2,500	3"	270#		■
LAS1812	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	270#		■
LAS1802	MP-910	Laser Permanent	2.45 Kraft-LF	78"	2,500	6"	240#		
LAS0912	LT-20	Short-term Removable	3.2 CCK-LF	78"	Custom	6"	270#		
High-Gloss									
Lay Flat Guarantee - 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.									
LHG1812	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	295#		
Semi-Gloss									
Lay Flat Guarantee - 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.									
NS1812-78	MP-910	Laser Permanent	3.2 CCK-LF	78"	2,500	6"	295#		

Please reference the following link regarding technical information: www.mactac.com/RLResources

[^] For more information see MAC3210 FSC Product Sheet

^{*} 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*
Fluorescent										
Lay Flat Guarantee - Lightweight fluorescent stock excellent for processing in most toner fusion desktop printers.										
NJC1802	Chartreuse	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
NJG1802	Green	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
NJO1802	Orange	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
NJP1802	Pink	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
NJR1802	Red/Orange	MP-910	Laser Permanent	2.45 LF	78"	2,500	6"	270#		
White Litho										
Matte Lay Flat Guarantee - 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.										
AP9512LE		ST-95	Permanent	3.2 Kraft-LF	78"	2,500	6"	295#		■
Polyester										
2.0 mil Matte Clear Lay Flat Guarantee - Laser printable primarily for desktop laser printers and photocopiers. Must be die-cut.										
LMC1811		MP-910	Laser Permanent	3.4 CCK-LF	60"	2,500	6"	270#		
2.0 mil Satin White Lay Flat Guarantee - Laser printable primarily for desktop laser printers and photocopiers. Must be die-cut.										
LWP1810		MP-910	Laser Permanent	3.4 CCK-LF	52"	2,500	6"	270#		



MACcopy JR® offers the same exceptional print quality our customers have come to expect from MACcopy, but now available in our convenient short-roll, Precise offering.

Order just one roll at 1,250' on 3" cores. Material is intended for Roll to Roll Applications. Not Guaranteed for Layflat due to short rolls and 3" cores.

Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Cores	Approx. Wt MMSI	FSC^	Precise*
Standard									
Bright white 50# flexible, laser printable facestock.									
LAS1812-PJR	MP-910	Laser Permanent	3.2 CCK	78"	1,250	3"	270#		■
High-Gloss									
60# High-Gloss, coated litho, laser printable facestock.									
LHG1812-PJR	MP-910	Laser Permanent	3.2 CCK	78"	1,250	3"	295#		■
Semi-Gloss									
60# Semi-Gloss, coated litho, laser printable facestock.									
NS1812-PJR	MP-910	Laser Permanent	3.2 CCK	68"	1,250	3"	295#	■	■
White PET									
2.0 mil laser printable, satin white polyester.									
LWP1810-PJR	MP-910	Laser Permanent	3.4 CCK	52"	1,250	3"	270#		■

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Cores	Approx. Wt MMSI	FSC [^]	Precise*
Paper									
50# Bright White Lay Flat Guarantee - Bright white dual purpose 50# face stock, designed for inkjet printing and desktop to medium speed toner fusion printers and copiers.									
LAS1802	MP-910	Permanent	2.5 Kraft-LF	78"	2,500	6"	240#		
Semi-Gloss									
60# Premium Roll-to-Roll Only Lay Flat Guarantee - Photo quality like stock that really makes your inkjet colors pop.									
JSG9002	710VHP	Permanent	2.4 SCK	78"	2,500	3"	265#		■
Premium 54# UV Brilliant white coated for exceptional ink receptivity and converting properties.									
UVS9002	710VHP	Permanent	2.4 SCK	78"	2,500	3"	265#		■
UVS7802	CHILL AT	Permanent	2.4 SCK	78"	2,500	3"	265#		■
Premium Gloss									
Lay Flat Guarantee - Designed for photo-realistic image quality and processing in most inkjet printers. Suitable for internal matrix removal.									
JG1802	MP-910	Permanent	2.45 Kraft-LF	78"	2,500	6"	270#		■
Matte									
Premium 60# Coated Lay Flat Guarantee - Photo quality like stock that really makes your inkjet colors pop. Very good water-fast properties.									
JM1802	MP-910	Permanent	2.45 Kraft-LF	78"	2,500	6"	265#		■
Polypropylene									
3.2 mil Clear Polypropylene Glossy inkjet polypropylene.									
JCP9501	ST-95	Permanent	2.4 SCK	60"	2,500	3"	237#		■
3.5 mil White Polypropylene White, glossy inkjet polypropylene.									
JWP9501	ST-95	Permanent	2.4 SCK	60"	2,500	3"	230#		■
White BOPP									
3.5 mil Matte Good water resistance; compatible with dye and pigment water-based inks.									
JMP9501	ST-95	Permanent	2.4 SCK	60"	2,500	6"	265#		■

[^] 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/RLResources

SCRAPBOOK & PHOTO ALBUM



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.

- 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^	Precise*
Semi-Gloss									
Platinum™ Lay Flat Guarantee - 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.									
AC9512LF ⁺	ST-95	Permanent	3.2 Kraft	78"	2,500	6"	295#		■
AC8612LF ⁺	MR860	Removable	3.2 Kraft	78"	Custom	6"	295#		
AC5112LF ⁺	HR-51	Removable	3.2 Kraft	78"	2,500	6"	295#		
Matte									
Majestic White Matte Litho Lay Flat Guarantee - A 60# bright white, high strength, matte-coated white litho paper stock designated for quality printing & high speed converting.									
AP9512LF ⁺	ST-95	Permanent	3.2 Kraft	78"	2,500	6"	295#		
Tag Stock									
8pt C1S 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%.									
AI9502	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

+ **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*
Semi-Gloss								
60# White High strength paper stock treated for Indigo web printing.								
ISG2602	640-AT	All-temp Permanent	2.45 SCK	78"	2,500	265#	■	■
Polypropylene								
Matte White Treated for Indigo web printing.								
IMP1810	MP-910	Laser Permanent	3.2 SCK	52"	2,500	265#		■
2.6 mil White White pearlescent polypropylene treated for Indigo web printing.								
ILL1802	MP-910	Laser Permanent	2.45 Kraft	78"	2,500	210#		■
ILL2602	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^	Precise*
Medical								
MacScript Bright White, medium/high sensitivity top coated DT paper for use in high speed or low voltage thermal printers.								
DDRX9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
Standard Topcoated								
A medium sensitivity bright white direct thermal paper topcoated for optimum environmental resistance. For visible light scanning up to 660nm.								
DTM9902	XT99	High-tack Permanent	2.4 SCK	78"	2,500	240#		■
DTM9600-52	XT-100	High-tack Permanent	2.4 SCK	52"	2,500	240#	■	■
DTM9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
DTM9502TR Tight Release	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
DTM8602	MR860	Removable	2.4 SCK	78"	2,500	240#		■
DTM0902	LT-20	Short-term Removable	2.4 SCK	78"	2,500	240#		
TCDT7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500			■
TCDT1702	InFusion®	Permanent	2.4 SCK	78"	2,500	240#		■
TCDT2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
TCDT5102	HR-51	Removable	2.4 SCK	78"	2,500	240#		■
••TCDT and DTM are 2 different DT TC facestocks								
Non-Topcoated								
Non-topcoated direct thermal paper for use in standard speed thermal printers. For visible light scanning up to 660nm.								
DTNN9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
DTNN7852-7	CHILL AT®	All-temp Permanent	Bloom hi.impact®	78"	2,500	211#	■	■
DTNN7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
DTNN2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
DTNN1752-7	InFusion	Permanent	Bloom hi.impact	78"	2,500	211#		■
DTNN1702	InFusion	Permanent	2.4 SCK	78"	2,500	240#		■
Weight Scale								
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.								
DTW9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#	■	■
DTW7902	CHILL AT Extreme	All-temp High Tack	2.4 SCK	78"	2,500	240#	■	■
DTW7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact	78"	2,500	211#		■
DTW7802	CHILL AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
DTW7702	CHILL AT FDA	Direct Food, All-temp Permanent	2.4 SCK	78"	2,500	240#		■
DTW2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#	■	■
DTW1752-7	InFusion	Permanent	Bloom hi.impact	78"	2,500	211#		■
DTW1702	InFusion	Permanent	2.4 SCK	78"	2,500	240#	■	■

^ 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^	Precise*
Topcoated								
For use in high speed or low voltage thermal printers. For visible light scanning up to 660nm.								
DTL9552-7	ST-95	Permanent	Bloom hi.impact®	78"	2,500	211#		■
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.								
DTJ2602	640-AT	All-temp Permanent	2.4 SCK	78"	Custom	240#		
DTJ9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
Near I.R Medium Sensitivity Topcoated direct thermal paper suitable for barcode scanning wavelength ranges from visible (633nm) up to near IR (675nm) wavelength.								
DNR9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		
I.R Scannable High Sensitivity Topcoated IR scannable direct thermal paper suitable for barcode scanning wavelength ranges from 633 nm to 1000nm								
DTR9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
DTR9502TR	ST-95	Permanent	2.4 SCK	78"	2,500	240#		
Tight Release								
DTR9902	XT99	High-tack Permanent	2.4 SCK	78"	2,500	240#	■	■

^ For more information see MAC3210 FSC Product Sheet

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

^ 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 [^]	Precise [*]
Coated Paper								
OPTISCAN® C 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.								
TT9902	XT99	High-tack Permanent	2.4 SCK	78"	Custom	240#		
TT9601	XT-100	High-tack Permanent	2.4 SCK	60"	2,500	240#		■
TT9592 Block Out	ST-95 OPQ	Permanent	2.4 SCK	78"	2,500	240#		■
TT9552-7	ST-95	Permanent	Bloom hi.impact®	78"	2,500	211#	■	■
TT9502	ST-95	Permanent	2.4 SCK	78"	2,500	240#		■
TT9091-2	710	Permanent	1.2 mil PET	60"	2,500	240#	■	
TT8602	MR860	Removable	2.4 SCK	78"	2,500	240#	■	■
TT7802	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
TT7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	240#		■
TT5102	HR-51	Removable	2.4 SCK	78"	2,500	240#		■
TT4502	705VHP	High-tack Permanent	2.4 SCK	78"	2,500	240#	■	
TT2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	240#		■
TT1752-7	InFusion®	Permanent	Bloom hi.impact	78"	2,500	211#		■
TT1702	InFusion	Permanent	2.4 SCK	78"	2,500	240#		■
OPTISCAN L Coated face stock designed for medium-speed thermal transfer printing. This smudge resistant face offers good thermal transfer printing.								
TTL9302	MP930	Permanent	2.4 SCK	78"	2,500	240#		■
OPTISCAN V Densified smooth facestock designed for medium-speed thermal transfer printing. This smudge resistant face offers good thermal transfer printing.								
TTV9552-7	ST-95	Permanent	Bloom hi.impact	78"	2,500	211#		■
TTV1752-7	InFusion	Permanent	Bloom hi.impact	78"	2,500	211#		■

[^] For more information see MAC3210 FSC Product Sheet

^{*} 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

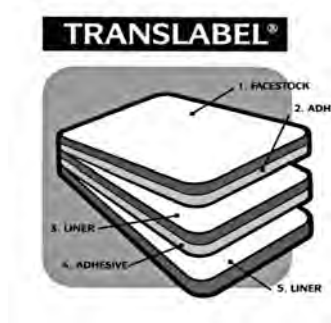
Product Number	Adhesive	Adhesive Type	Liner	Web Width	Length Ft	Approx. Wt MMSI	FSC^	Precise*
Polypropylene								
DURASCAN® L - 3.0 mil A bright white 3.0 mil BOPP film designed for thermal transfer as well as flexo printing.								
TL9600-52	XT100	High Tack	2.4 SCK	52"	2,500	250#		
TL9502	ST-95	Permanent	2.4 SCK	78"	2,500	250#		■
TL8602	MR860	Removable	2.4 SCK	78"	2,500	250#		
TL7802	CHILL AT®	All-temp Permanent	2.4 SCK	78"	2,500	250#		■
TL7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	250#		■
TL5102	HR51	Removable	2.4 SCK	78"	2,500	250#		
TL2602	640-AT	All-temp Permanent	2.4 SCK	78"	2,500	250#		■
TL1702	InFusion®	Permanent	2.4 SCK	78"	2,500	250#		■
KIMDURA® - 4.2 mil High-density polypropylene film, clay coated to provide an excellent thermal transfer printing surface and outstanding environmental resistance.								
KF9511	ST-95	Permanent	3.2 Kraft	60"	2,500	235#		
KF9501	ST-95	Permanent	2.4 SCK	60"	2,500			
DURASCAN Y - 3.2 mil Polypropylene White matte coated polypropylene facestock designed for medium-speed thermal transfer printing. Mactac exclusive. This resistant face offers excellent thermal transfer printing.								
TTY9501	ST-95	Permanent	2.4 SCK	60"	2,500	250#		
Polystyrene								
DURASCAN P - 2.6 mil White satin finished polystyrene treated for thermal transfer printing. For indoor applications only. Displays excellent flexo print graphics.								
MT9007	710VHP	Permanent	2.4 SCK	60"	2,500	250#		
DURASCAN PCL - 2.0 mil Clear, high-gloss polystyrene is suitable for thermal transfer printing. Designed for indoor use and human readable data only.								
MT9008-78	710VHP	Permanent	2.4 SCK	78"	2,500	215#		■
Polyethylene								
DURASCAN S - 3.2 mil High density polyethylene film, clay coated to provide an excellent thermal transfer printing surface.								
DSS9501	ST-95	Permanent	2.4 SCK	60"	2,500	230#		
DSS7201	711VHP HCW	Direct Food Permanent Heavy Coat Weight	2.45 Kraft	60"	2,500	230#		
DSS7001	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	230#		
DSS5001	Glacier® 733	Freezer	2.4 SCK	60"	2,500	230#		
DSS4501 Meets British Maritime 5609	705VHP	High-tack Permanent	2.4 SCK	60"	2,500	230#		■
DSS1701	InFusion	Permanent	2.4 SCK	60"	2,500	230#		
Polyester								
DURASCAN F - 2.0 mil White polyester specially selected to provide an excellent thermal transfer printing surface.								
MT9510	ST-95	Permanent	3.2 Kraft	52"	2,500	250#		

^ 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^	Precise*
EDP								
Premium Bright white, 50# uncoated face sheet with excellent print quality for impact printing and press performance. Suitable for continuous laser form printing.								
EDP9512	ST-95	Permanent	3.2 Kraft	78"	2,500	270#		■
EDP9012	710VHP	Permanent	3.2 SCK	78"	2,500	270#	■	■
EDP8612	MR860	Removable	3.2 Kraft	Custom	Custom	270#	■	■
EDP7812	CHILL AT®	All-temp Permanent	3.2 Kraft	78"	Custom	270#		



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

^ For more information see MAC3210 FSC Product Sheet
* 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^	Precise*
Paper								
PLATINUM PLUS Premium white 50# coated face stock.								
PLD7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	250#		■
Semi-Gloss								
Platinum™ 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.								
AC7202	711VHP HCW	Direct Food	2.4 SCK	78"	2,500	265#	■	■
AC7002	711VHP	Direct Food	2.4 SCK	78"	2,500	265#		■
Plantinum Extra Semi-Gloss 55# Brilliant white semi-gloss coated litho								
SGL7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	255#	■	■
SGL7092-2	711VHP	Direct Food Permanent	1.2 PET	78"	2,500	205#	■	■
SGL7702	CHILL AT® FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	255#	■	■
SGL7792-2	CHILL AT FDA	Direct Food / All-temp Permanent	1.2 PET	78"	2,500	205#	■	■
Dairy Label								
50# Lightweight dairy label is a white, flexible, uncalendered sheet that has high internal strength characteristics for high speed printing and converting.								
DLA7092-0	711VHP	Direct Food	1.0 mil PET	78"	2,500	176#		■
DLA7072	711VHP	Direct Food	2.5 NK	78"	2,500	222#		■
Polypropylene								
ALLURE® Top coated 2.3 mil white polypropylene.								
PTW7002	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	235#		■
BOPP								
VIVID™ - 2.6 mil White Top coated white polypropylene								
PJ7792-2	CHILL AT FDA	Direct Food All-temp Permanent	1.2 mil PET	60"	2,500	175#	■	
PJ7702	CHILL AT FDA	Direct Food All-temp Permanent	2.4 SCK	78"	2,500	210#	■	
PJ7212	711VHP HCW	Direct Food Perm Heavy Coat Weight	3.2 SCK	78"	2,500	240#		
PJ7092-2	711VHP	Direct Food Permanent	1.2 mil PET	60"	2,500	175#	■	
PJ7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	210#		■

^ 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 [^]	Precise*
Direct Thermal								
Standard Topcoated Medium sensitivity bright white direct thermal paper topcoated for optimum environmental resistance. For visible light scanning up to 660nm.								
TCDT7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500			■
Weight Scale Medium sensitivity topcoated direct thermal paper								
DTW7702	CHILL AT® FDA	Direct Food, All-temp Permanent	2.4 SCK	78"	2,500	235#		■
Thermal Transfer - Paper								
OPTISCAN® 2C A premium white for high speed thermal transfer printing.								
TT7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	240#		■
Thermal Transfer - Films								
VIVID™ ICE - 2.0 mil Clear BOPP Top coated clear polypropylene								
PF7002	711VHP	Direct Food Permanent	2.4 SCK	78"	2,500	205#		■
DURASCAN® S Polyolefin White smudge-resistant flexible polyolefin for thermal transfer, impact and flexo printing.								
DSS7001	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	230#		
DSS7201	711VHP HCW	Direct Food Permanent Heavy Coat Weight	2.4 SCK	60"	2,500	230#		
DURASCAN L Polypropylene 3.0 mil matte top coated white polypropylene for thermal transfer printing.								
TL7001	711VHP	Direct Food Permanent	2.4 SCK	60"	2,500	230#		■

[^] For more information see MAC3210 FSC Product Sheet

* For more information see MAC3218 Precise/Trimless Guide

SUSTAINABILITY PRODUCTS



Bloom
hi.impact®



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^	Precise*
Semi-Gloss								
PLATINUM™ Extra 55# Brilliant white semi-gloss coated litho								
SGL7852-7	CHILL AT®	All-temp Permanent	Bloom hi.impact ⁺	78"	2,500	226#		■
SGL2652-7	640-AT	All-temp Permanent	Bloom hi.impact ⁺	78"	2,500	226#		■
Thermal Transfer								
OPTISCAN® 2C Premium bright white, coated facestock for high-speed thermal transfer printing								
TT1752-7	InFusion®	Permanent	Bloom hi.impact ⁺	78"	2,500	211#		■
TT9552-7	ST-95	Permanent	Bloom hi.impact ⁺	78"	2,500	211#		■
OPTISCAN V Densified vellum facestock designed for medium-speed thermal transfer printing								
TTV1752-7	InFusion	Permanent	Bloom hi.impact ⁺	78"	2,500	211#		■
TTV9552-7	ST-95	Permanent	Bloom hi.impact ⁺	78"	2,500	211#		■
Direct Thermal								
Non Top-coated medium sensitivity non-top coated direct thermal paper								
DTNN1752-7	InFusion	Permanent	Bloom hi.impact ⁺	78"	2,500	211#		■
DTNN7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact ⁺	78"	2,500	211#		■
Weigh Scale A medium sensitivity top coated direct thermal paper								
DTW1752-7	InFusion	Permanent	Bloom hi.impact ⁺	78"	2,500	211#	■	■
DTW7852-7	CHILL AT	All-temp Permanent	Bloom hi.impact ⁺	78"	2,500	211#	■	■
Top-coated A medium sensitivity top coated direct thermal paper								
DTL9552-7	ST-95	Permanent	Bloom hi.impact ⁺	78"	2,500	211#	■	■

+ 1.6 mil Glassine

^ For more information see MAC3210 FSC Product Sheet

* For more information see MAC3218 Precise/Trimless Guide

ORDER INFORMATION AND SERVICES



Locations

Troy, Ohio Chicago Atlanta New York Los Angeles

Minimums and Tolerances

	Stock	Trimless	Custom			
			Stocking facestock	Custom facestock	Strip-gum	Customer supplied facestock
Minimum Order Qty	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
Slitting Tolerances	+/- 1/32	+/- 1/32	+/- 1/32	+/- 1/32	+/- 1/32	+/- 1/32
Shipping Tolerances	+/- 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.
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Packaging

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

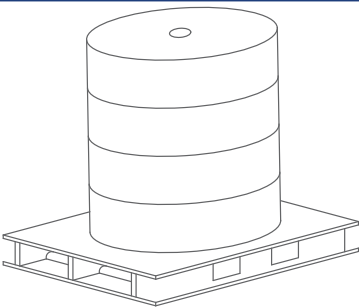
For additional information, including data sheets, samples, quotes, updated catalogs, and Trimless/Precise lists, please visit our website at www.spinps.com, or contact your sales or customer support representative.



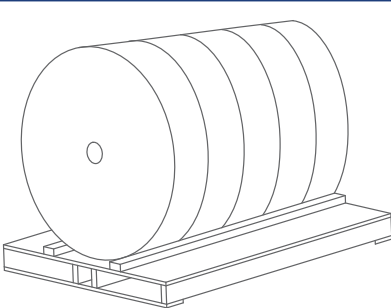
Pallets			
Pallets: All rolls must completely fit within 1" of the pallet edge Rolls will be packed on the "Best Fit" pallet and orientation based on the size of the order Customer requested pallet size will be used UNLESS the order size is not adequate to secure (<i>small orders or the last pallet of an order will be packaged on "Best Fit"</i>) 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 [^]	Precise*	Comments
Semi-Gloss									
40# A highly flexible semi-gloss featuring a very smooth print surface. Recommended for tight mandrel applications.									
47538	BP-52	Acrylic, Permanent	40#	60"	10/5	#211		■	
47539	BC-20™	Rubber, Permanent	40#	60"	10/5	#209		■	
48036	FC-125	Rubber, Permanent	40#	60"	10/5/2.5	#209		■	
Veero™ 54# 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. This component is not available for custom constructions.									
48345	VG-430	Rubber, Permanent	Veero 40#		5/2.5	#228		■	
48344	VA-365	Acrylic, Permanent	Veero 40#		10/5/2.5	#230		■	
54# Primeglos™ 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.									
48410	CLD-10	Rubber, Permanent	40#	60"	10/5	#234		■	
42004	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#238		■	
Veero™ 58# A 54# bright white sheet featuring high CD tensile and MD tear, great die cutting and stripping characteristics, and good stiffness for A bright white, semi-gloss litho with excellent strength and print characteristics. A high quality, economical sheet for everyday applications. This component is not available for custom constructions.									
48544	Veero™ 58#	Rubber, Permanent	Veero 40#					■	
58# Primeglos™ 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.									
48567	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#247		■	
48573	BP-164	Rubber, Permanent	50#	60"	10/5/2.5	#274		■	
48561	BP-52	Acrylic, Permanent	40#	60"	10/5	#249		■	
48584	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#247		■	
49340	XYZ™(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#244		■	
48575	LiftOff™	Rubber, Removable	40#	60"	5/2.5	#238		■	
48571	GripTight™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#253		■	
48572	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#253		■	Textured Surface
48560	B-91	Acrylic, Removable	40#	60"	10/5/2.5	#247		■	
48562	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 [^]	Precise*	Comments
Semi-Gloss									
Layflat 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.									
42241	BP-52	Acrylic, Permanent	3.2LF	60"	10/5	#247		■	Laser / Archival
43598	HTR-1	Acrylic, Removable	3.2LF	60"	10/5	#247		■	
54# 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.									
49347	VG-440	Rubber, Permanent	40#		10/5/2.5	#233		■	
49050	VG-440	Rubber, Permanent	1.2 PET		10/5/2.5	#203		■	
60# 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.									
49535	ATP™	Acrylic, Permanent	40#		10/5	#255		■	
49834	Frostbite™	Rubber, Permanent	40#		10/5	#252		■	
High-Gloss									
A cast coated paper featuring a mirror finish; ideal for a wide variety of printing technologies.									
43578	B-82	Rubber, Permanent	40#	60"	5	#244		■	
43523	BP-164	Rubber, Permanent	40#	60"	5	#244		■	
43575	BC-20™	Rubber, Permanent	40#	60"	10/5	#244		■	
43576	ATP™	Acrylic, Permanent	40#	60"	5/2.5	#247		■	
Matte									
Covermatte™ 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.									
41738	BP-164	Rubber, Permanent	40#	60"	5/2.5	#251		■	
Ultra Matte™ Litho 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.									
49221	4LZ™(2020)	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	#258		■	
43168	B-82	Rubber, Permanent	40#	60"	5	#251		■	
41744	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#251		■	
41668	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#251		■	
41831	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	#281		■	
41721	B-92	Acrylic, Removable	40#	60"	5	#253		■	
41658	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 [^]	Precise*	Comments
Tag Stock										
8pt C1S Tag A C1S tag stock designed to be used in applications requiring high strength and stiffness, such as hang tags and shelf talkers.										
28809	8pt C1S Tag	Face Only		Ungum	52.75"	10/5	#227		■	
46532	8pt C1S Tag	BP-165	Rubber, Permanent	40#	60"	5/2.5	#352		■	
Colors										
60# Fluorescents A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.										
49742	Chartreuse	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#249		■	
49740	Green	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#251		■	
49739	Orange	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#249		■	
49738	Pink	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#249		■	
49741	Red	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#249		■	
65# Natural Kraft 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.										
42818	Natural Kraft	BP-164	Rubber, Permanent	40#	52"	10/5/2.5	#263		■	
Metalized Papers										
Bright Silver Metalized Paper A bright silver, acrylic top-toated metalized paper. It is printable with a variety of methods, including water-based and UV flexo.										
41674	Bright Silver Met. Paper	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#242		■	
Reverse Coated Bright Silver Metalized Paper 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)										
41675	Reverse Coated Bright Silver	BC-20	Rubber, Permanent	40#	60"	5	#242		■	
Laminated Foils										
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.										
41779	AC Bright Silver Laminated Foil	BP-164	Rubber, Permanent	40#	60"	5/2.5	#278		■	
41663	AC Bright Silver Laminated Foil	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#278		■	
41664	AC Bright Dull Laminated Foil	BC-20	Rubber, Permanent	40#	60"	5/2.5	#278		■	
41740	AC Bright Gold Laminated Foil	BP-164	Rubber, Permanent	40#	60"	5/2.5	#278		■	
41656	AC Bright Gold Laminated Foil	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#278		■	
41739	AC Dull Gold Laminated Foil	BP-164	Rubber, Permanent	40#	60"	5/2.5	#278		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Cover-Up									
Covermatte™ 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.									
41738	BP-164	Rubber, Permanent	40#	60"	5/2.5	#251		■	
58# Primeglos™ Cover 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.									
48944	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#247		■	
Coverglos™ 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.									
43574	B-82	Rubber, Permanent	40#	60"	10/5/2.5	#244		■	
43522	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#244		■	
Piggyback									
58# Primeglos A bright white, premium semi-gloss litho that demonstrates excellent print characteristics when printed using flexo, offset, or letterpress.									
48579	BP-52/BP-52	Acrylic, Permanent/ Acrylic, Permanent	40#/50#	60"	5/2.5	#403		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Impact									
50# EDP A bright white, uncoated label paper suitable for general impact printing.									
43883	SC-21	Rubber, Permanent	50#	60"	10/5/2.5	#257		■	
43891	ATP™	Acrylic, Permanent	50#	60"	5/2.5	#256		■	
Inkjet Paper (water-based)									
DiversiPrint® 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.									
49191	4LZ™(2020)	Acrylic, Permanent	3.2 LF		10/5/2.5	#235		■	
4216	ATP™	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	#239		■	
41404	A-ATP™	Acrylic, Light Coat Weight	3.5 LF		10/5/2.5	#244		■	Monroney
45351	ATP	Acrylic, Permanent	50#		5/2.5	#257		■	
45087	GPR™	Acrylic, Removable	3.2 LF	54"	10/5/2.5	#239		■	
Endura® 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.									
48909	C-122F™	Acrylic, Heavy Coat Weight	50#		10/5/2.5	#239		■	
49285	XYZ™(2020)	Acrylic, Permanent	40#		10/5/2.5	#249		■	
Gloss 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.									
45773	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	#261		■	
48483	CLD-10	Rubber, Permanent	40#	60"	10/5/2.5	#255		■	
Premium Matte 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.									
50276	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	#252		■	
Satin Matte 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.									
45772	ATP	Acrylic, Permanent	40#	60"	10/5/2.5	#255		■	
48482	CLD-10	Rubber, Permanent	40#	60"	10/5/2.5	#249		■	
Satin Matte Cover-up 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.									
47507 Paper	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
Laser									
Semi-Gloss Layflat 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.									
42241	BP-52	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	#247		■	laser/archival
43598	HTR-1	Acrylic, Removable	3.2 LF	60"	5/2.5	#247		■	
DiversiPrint® 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.									
49191	4IZ™(2020)	Acrylic, Permanent	3.2 LF	54"	10/5/2.5	#235		■	
4216	ATP™	Acrylic, Permanent	3.2 LF	60"	10/5/2.5	#239		■	
41404	A-ATP™	Acrylic, Light Coat Weight	3.5 LF	60"	10/5/2.5	#244		■	
45087	GPR™	Acrylic, Removable	3.2 LF	54"	10/5/2.5	#239		■	
DiversiPrint® Cover-up 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.									
504	AP-52	Acrylic, Light Coat Weight	3.2 LF	54"	10/5/2.5	#245		■	
Laser Latex 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.									
1495	ATP	Acrylic, Permanent	3.5 LF	60"	5/2.5	#270		■	
Ultra Matte™ Litho 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.									
49221	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
Thermal Transfer									
45# CTT A premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability.									
46155	BC-20™	Rubber, Permanent	40#	60"	5/2.5	#219		■	
41666	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#216		■	
41801	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	#219		■	Freezer
47578	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	#225		■	
42834	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#225		■	
43184	LiftOff™	Rubber, Removable	40#	60"	5	#211		■	
45360	GPR™	Rubber, Removable	40#	60"	10/5	#221		■	
48# CCT A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers.									
41652	BC-20	Rubber, Permanent	40#	60"	10/5	#223		■	
Veero™ 44# CTT A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers. The properties of the sheet allow for high quality barcode and flexo printing, as well as good smudge resistance. This component is not available for custom constructions.									
48346	VG-331	Acrylic, Permanent	Veero 40#		10/5/2.5	#208		■	
48546	VA-365	Acrylic, Permanent	Veero 40#					■	
48546	VG-430	Rubber, Permanent	Veero 40#					■	
Veero 47# CTT A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers. The properties of the sheet allow for high quality barcode and flexo printing, as well as good smudge resistance. This component is not available for custom constructions									
48547	VG-331	Acrylic, Permanent	Veero 40#					■	
48479	VA-365	Acrylic, Permanent	Veero 40#		10/5/2.5	#216		■	
55# CTT A C1S, matte white paper designed for excellent thermal transfer printability. This sheet is not recommended for flood coating.									
41680	BP-52	Acrylic, Permanent	40#	60"	5/2.5	#242		■	
41679	SP-184	Acrylic, Permanent	40#	60"	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
Direct Thermal									
ScanTherm™ NTC 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).									
45631	A-BC-20™	Rubber, Light Coat Weight	40#	60"	10/5/2.5	#228		■	
45632	LiftOff™	Rubber, Removable	40#	60"	5	#223		■	
ScanTherm™ Ultra 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.									
49657	BC-20	Rubber, Permanent	40#	60"	10/5	#226		■	
49701	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	#226		■	
49700	XYZ™	Rubber, Permanent	40#	60"	10/5	#224		■	
ScanTherm Industrial A direct thermal paper with a chemically resistant topcoating that provides exceptional image durability in industrial environments with 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.									
47783	Grip-Tight™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#244		■	
47784	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#244		■	
Veero™ Direct Thermal TC An economical 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. This component is not available for custom constructions.									
48543	VG-331	Rubber, Permanent	Veero 40#		10/5/2.5	#227		■	
48373	VA-365	Rubber, Permanent	Veero 40#		10/5/2.5	#228		■	
Veero Direct Thermal NTC A direct thermal facestock designed for short-duration labeling. It is not suitable for applications requiring water or chemical resistance (including solvents, oils, fats, or similar substances). This component is not available for custom constructions									
48542	VG-331	Acrylic, Light Coat Weight	Veero 40#		10/5/2.5	#221		■	
48347	VA-365	Acrylic, Permanent	Veero 40#		10/5/2.5	#222		■	
48347	VG-430	Rubber, Permanent	Veero 40#					■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Cover-Up									
DiversiPrint® Cover-up 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.									
504	AP-52	Acrylic, Light Coat Weight	3.2 LF	54"	10/5/2.5	#245		■	
48# CCT Cover-up 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.									
41685	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	#126		■	
SafeTE™ C1S Cover-up 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.									
43080	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#253		■	
Piggyback									
ScanTherm™ Ultra Piggyback 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.									
49734	BP-52/BP-52	Acrylic, Permanent/ Acrylic, Permanent	40#/40#	60"	5	#355		■	
45# CTT Piggyback A piggyback construction with a premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability.									
41808	BP-52/BP-52	Acrylic, Permanent/ Acrylic, Permanent	40#/40#	54"	5/2.5	#348		■	
Latex									
Laser Latex 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.									
1495	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
Other										
65# Natural Kraft 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.										
42818	65# Natural Kraft	BP-164	Rubber, Permanent	40#	52"	10/5/2.5	#263		■	Brown kraft
Reverse Coated Bright Silver Metalized Paper 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).										
41675	Bright Silver Metalized Paper	BC-20™	Rubber, Permanent	40#	60"	5	#242		■	Candle base
50# Liner Transfer Tape										
50223	50# Liner Transfer tape	924-G	Acrylic, Permanent	50#/40#	60"	10/5/2.5	#245		■	
SafeTE™ C1S 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.										
43044	SafeTE C1S	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#239		■	
SafeTE C1S Cover-up 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.										
43080	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 [^]	Precise*	Comments
Polypropylene									
2.0 mil TC Clear A biaxially-oriented film designed for prime label applications. Its acrylic top coat was specifically engineered for flexo ink receptivity.									
41918	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	#193		■	
49220	SFA™(2020)	Acrylic, Permanent	40# Brown	60"	10/5/2.5	#184		■	
49098	SFA(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#188		■	
49237	SFA(2020)	Acrylic, Permanent	72#	60"	5/2.5	#264		■	
44243	BC-20™	Rubber, Permanent	40# Brown	60"	10/5/2.5	#186		■	
41869	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#191		■	
41891	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#189		■	
41953	B-122F	Acrylic, Permanent	50#	60"	10/5/2.5	#216		■	
1477	B-122F	Acrylic, Permanent	44# PK	60"	5	#196		■	
50285	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5			■	
41951	Frostbite™	Rubber, Permanent	40#	60"	10/5	#191		■	Freezer
44072	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5	#197		■	Textured Surface
41957	B-91	Acrylic, Removable	40#	60"	5/2.5	#191		■	
44953	GPR™	Acrylic, Removable	40#	60"	5/2.5	#190		■	
45585	GPR	Acrylic, Removable	72#	60"	10/5	#262		■	Layflat Removable
2.3 mil TC White A glossy white, biaxially-oriented polypropylene designed with a unique top coating to be compatible with water-based and solvent-based inks.									
41919	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	#209		■	
49188	SFA(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#204		■	
49238	SFA(2020)	Acrylic, Permanent	72#	60"	10/5/2.5	#280		■	
41875	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#207		■	
41892	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5	#204		■	
41954	B-122F	Acrylic, Permanent	50#	60"	5	#232		■	
43455	Frostbite	Rubber, Permanent	40#	60"	10/5	#207		■	Freezer
45089	GPR	Acrylic, Removable	40#	60"	10/5/2.5	#209		■	
2.6 mil TC White A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.									
49230	SFA™(2020)	Acrylic, Permanent	40#	54"	10/5/2.5	#192		■	
50337	B-122F™	Acrylic, Permanent	40#	54"	10/5/2.5	#192		■	Battery Label
42882	AmpClamp™	Rubber, Heavy Coat Weight	50#	60"	10/5/2.5	#228		■	
46953	GripTight™	Rubber, Heavy Coat Weight	50#	60"	10/5/2.5	#228		■	
50345	VA-365	Acrylic, Permanent	1.2 PET		10/5/2.5	#162			

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Polypropylene									
2.6 mil White Pearlized BOPP 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.									
49078	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	#192		■	
49079	LiftOff™	Rubber, Removable	40#	60"	5	#184		■	
49051	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#192		■	
50336	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#190		■	
50336	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#190		■	
2.6 mil White Pearlized BOPP Cover 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.									
50266	BP-164	Rubber, Permanent	40#	60"	10/5			■	
50311	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	#211		■	
2.0 mil PTC Bright Silver Metalized BOPP A very bright silver metallized PTC (pasteurizable topcoated) polypropylene facstock featuring excellent printability and high-gloss. Ideal for many prime label applications.									
49234	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#188		■	
42340	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#190		■	Craft Beverages
41890	B-122F	Acrylic, Permanent	40#	60"	10/5/2.5	#188		■	
2.3 mil TC White Metalized BOPP 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.									
41903	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#207		■	Cover/Barrier
49190	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#204		■	Cover/Barrier
46154	BC-20	Rubber, Permanent	40#	60"	5	#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 [^]	Precise*	Comments
Polypropylene									
2.3 mil TC White Skweeze™ A topcoated, flexible, glossy white biaxially-oriented polypropylene film that exhibits full squeeze performance on rigid containers, such as shampoo and condiment bottles.									
41893	B-122F™	Acrylic, Permanent	40#	60"	5/2.5	#199		■	
2.4 mil White Pearlized BOPP A topcoated 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.									
48468	VA-365	Acrylic, Permanent	40#BWG		10/5/2.5	#177		■	
49348	VG-440	Rubber, Permanent	40#					■	
48992	VG-325	Acrylic, Permanent	1.2 mil PET		10/5/2.5	#157		■	
49684	VG-430	Rubber, Permanent	72#	60"				■	
Polystyrene									
1.5 mil Transparent A clear, rigid film used for prime label applications. This product is corona-treated for better printing and is appropriate for coupon technology.									
41880	BC-20™	Rubber, Permanent	40#	60"	10/5	#181		■	
41899	B-122F	Acrylic, Permanent	40#	60"	10/5	#179		■	
2.0 mil Transparent A clear, rigid film used for prime label applications. It is corone-treated for better printing and is appropriate for coupon technology.									
42097	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#200		■	
41900	B-122F	Acrylic, Permanent	40#	60"	10/5	#198		■	
Polyester									
2.0 mil Matte Silver 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.									
49235	SFA™ (2020)	Acrylic, Permanent	50#	60"	10/5/2.5	#252		■	
2.0 mil TC Gloss White 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									
49219	SFA (2020)	Acrylic, Permanent	50#	54"	5/2.5	#257		■	
42147	B-122F	Acrylic, Permanent	40#	54"	10/5/2.5	#230		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Cover-Up									
2.3 mil TC White Metalized BOPP 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.									
41903	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#207		■	
49190	SFA™ (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#204		■	
46154	BC-20™	Rubber, Permanent	40#	60"	5	#207		■	
PrimeScan® Cover 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.									
48857	BP-164	Rubber, Permanent	40#	60"	5/2.5	#204		■	
2.6 mil White Pearlized BOPP Cover 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.									
49287	BP-164	Rubber, Permanent	40#	60"	10/5			■	
SafeTE™ Cover-up TC Film 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.									
43158	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
Inkjet (Water-Based) Polypropylene									
Gloss White 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.									
48613	B-122F™	Acrylic, Permanent	40#	30"	10/5/2.5	#227		■	
49202	GPR™	Acrylic, Removable	40#		10/5/2.5	#232		■	
49206	CLD-10	Acrylic, Permanent	40#		10/5/2.5	#229		■	
Gloss Clear 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.									
48614	B-122F	Acrylic, Permanent	40#	30"	10/5/2.5	#236		■	
4.0 mil Matte White 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.									
49691	SFA™ (2020)	Acrylic, Permanent	40#		10/5/2.5	#234		■	
Laser Polyester									
2.0 mil TC Gloss Clear Laser Polyester 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.									
49226	4LZ™ (2020)	Acrylic, Permanent	3.5LF	54"	10/5/2.5	#261		■	
2.0 mil TC Gloss White Laser Polyester 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.									
49227	4LZ (2020)	Acrylic, Permanent	3.5LF	54"	5/2.5	#261		■	
2.5 mil TC Matte White Laser Polyester 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).									
42098	BP-52	Acrylic, Permanent	3.5LF	54"	10/5/2.5	#258		■	
Laser Vinyl									
3.5 mil TC White 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.									
45853	PRM-550	Acrylic, Permanent	72#	36"	5/2.5	#373		■	
50143	RSM-92	Acrylic, Removable	72#	36"	5/2.5	#373		■	
Drum Label 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.									
45115	PDL-09	Acrylic, Permanent	72#	36"	10/5/2.5	#375		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Impact									
PrimeScan® 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.									
49192	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#202		■	
49236	SFA(2020)	Acrylic, Permanent	72#	60"	5	#278		■	
41879	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#204		■	
41944	BC-20	Rubber, Permanent	50#	60"	10/5/2.5	#232		■	
45682	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#232		■	
41911	B-122F	Acrylic, Permanent	50#	60"	10/5/2.5	#230		■	
1470	B-122F	Acrylic, Permanent	44#PK	60"	10/5/2.5	#209		■	
41912	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#241		■	
46957	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	#211		■	
42693	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#211		■	
41927	B-91	Acrylic, Removable	40#	60"	5	#204		■	
PrimeScan® Cover 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.									
48857	BP-164	Rubber, Permanent	40#	60"	5/2.5	#204		■	
2.6 mil White Pearlized BOPP Cover 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.									
49287	BP-164	Rubber, Permanent	40#	60"	10/5			■	
PrimeScan 90 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.									
41878	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#221		■	
41910	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#257		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
Impact									
3.3 mil Durable Polypropylene 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.									
49189	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	#207		■	
41896	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#207		■	2-year Outdoor
41909	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#245		■	2-year Outdoor
46956	GripTight™	Rubber, Heavy Coat Weight	50#	60"	5	#215		■	
42555	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#215		■	Textured Surface
Kimdura® 70 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.									
41901	B-122F	Acrylic, Permanent	40#	60"	10/5	#228		■	
41913	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#266		■	
Smudgeproof Kimdura FPG-80 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.									
43145	B-82	Rubber, Permanent	50#	60"	5	#270		■	
41883	BP-164	Rubber, Permanent	50#	60"	5/2.5	#270		■	
41915	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5	#279		■	
41928	B-91	Acrylic, Removable	50#	60"	5	#270		■	
41926	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
Thermal Transfer									
2.4 mil White Pearlized BOPP 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.									
48468	VA-365	Acrylic, Permanent	40#BWG		10/5/2.5	#177		■	
49348	VG-440	Rubber, Permanent	40#					■	
48992	VG-325	Acrylic, Permanent	1.2PET		10/5/2.5	#157		■	
49684	VG-430	Rubber, Permanent	40#					■	
2.6 mil White Pearlized BOPP A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.									
49078	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	#192		■	
49079	LiftOff™	Rubber, Removable	40#	60"	5	#184		■	
49051	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#192		■	
50336	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#190		■	
49299	SFA™(2020)	Acrylic, Permanent	50#	60"	10/5	#190		■	
3.0 mil Ultra Matte™ Polypropylene 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		■	
48335	B-122F	Acrylic, Permanent	40#	60"	10/5	#235		■	
48277	BP-52	Acrylic, Permanent	40#	60"	10/5/2.5	#212		■	
49229	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#208		■	
48334	BC-20	Rubber, Permanent	40#	60"	10/5/2.5	#210		■	
3.0 mil TC Matte White Polypropylene 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		■	
42866	SC-21	Rubber, Permanent	40#	60"	10/5/2.5	#214		■	
41908	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#250		■	
41889	Frostbite™	Rubber, Permanent	40#	60"	10/5	#214		■	
45090	GPR™	Acrylic, Removable	40#	60"	10/5/2.5	#216		■	
41923	B-92	Acrylic, Removable	50#	60"	10/5	#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
Thermal Transfer									
4.0 mil TC Matte White Polypropylene 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		■	
PrimeScan® 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 facstock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
49192	SFA(2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#202		■	
49236	SFA(2020)	Acrylic, Permanent	72#	60"	5	#278		■	
41879	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#204		■	
41944	BC-20	Rubber, Permanent	50#	60"	10/5/2.5	#232		■	
45682	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#202		■	
41911	B-122F	Acrylic, Permanent	50#	60"	10/5	#230		■	
1470	B-122F	Acrylic, Permanent	44#PK	60"	10/5/2.5	#209		■	
41912	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#241		■	
46957	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5/2.5	#211		■	
42693	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#211		■	
41927	B-91	Acrylic, Removable	40#	60"	5	#204		■	
PrimeScan Cover 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 facstock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
48857	BP-164	Rubber, Permanent	40#	60"	5/2.5	#204		■	
PrimeScan 90 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.									
41878	BP-20	Rubber, Permanent	40#	60"	10/5/2.5	#221		■	
41910	C-122F	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#257		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC [^]	Precise*	Comments
Thermal Transfer									
3.3 mil Durable Polypropylene 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.									
49189	SFA™(2020)	Acrylic, Permanent	40#	60"	10/5	#207		■	
41896	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#207		■	2-year Outdoor
41909	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#245		■	2-year Outdoor
46956	GripTight™	Rubber, Heavy Coat Weight	40#	60"	5	#215		■	
42555	SureLock™	Rubber, Heavy Coat Weight	40#	60"	10/5/2.5	#215		■	Textured Surface
Kimdura® 70 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.									
41901	B-122F™	Acrylic, Permanent	40#	60"	10/5	#228		■	
41913	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	10/5/2.5	#266		■	
Smudgeproof Kimdura FPG-80 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.									
43145	BP-82	Rubber, Permanent	50#	60"	5	#270		■	
41883	BP-164	Rubber, Permanent	50#	60"	5/2.5	#270		■	
41915	C-122F™	Acrylic, Heavy Coat Weight	50#	60"	5/2.5	#279		■	
41928	B-91	Acrylic, Removable	50#	60"	5	#270		■	
41926	B-92	Acrylic, Removable	50#	60"	5	#272		■	
2.0 mil TC Gloss White Polyester 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.									
49219	SFA (2020)	Acrylic, Permanent	50#	54"	5/2.5	#257		■	
42147	B-122F	Acrylic, Permanent	40#	54"	10/5/2.5	#230		■	
2.0 mil Matte Silver Polyesterr 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..									
49235	SFA (2020)	Acrylic, Permanent	50#	60"	10/5/2.5	#252		■	

* For more information see MAC3218 Precise/Trimless Guide



Product Number	Adhesive	Adhesive Type	Liner	Trim	Length 1,000ft	Approx. Wt MMSI	FSC^	Precise*	Comments
Direct Thermal									
2.9 mil ScanTherm-Poly™ 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.									
49233	SFA™(2020)	Acrylic, Permanent	40#	60"	5/2.5	#235		■	
48443	B-122F™	Acrylic, Permanent	50#	60"	10/5/2.5	#263		■	
48445	B-92	Acrylic, Removable	40#	60"	10/5/2.5	#239		■	
48442	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#237		■	
ScanTherm-Poly™ 4.0 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.									
46542	Frostbite™	Rubber, Permanent	40#	60"	10/5/2.5	#236		■	
48713	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 [^]	Precise*	Comments
Other Films									
2.6 mil TC White Polypropylene A white, multi-layer, biaxially-oriented polypropylene film that is topcoated for ink receptivity.									
42882	AmpClamp™	Rubber, Heavy Coat Weight	50#	60"	10/5/2.5	#228		■	
2.0 mil PTC Bright Silver Metalized BOPP A very bright silver metalized PTC (pasteurizable topcoated) polypropylene facstock featuring excellent printability and high-gloss. Ideal for many prime label applications.									
49234	SFA™ (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#188		■	
42340	BC-20™	Rubber, Permanent	40#	60"	10/5/2.5	#190		■	
41890	B-122F™	Acrylic, Permanent	40#	60"	10/5/2.5	#188		■	
2.3 mil TC White Metalized BOPP 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.									
41903	BP-164	Rubber, Permanent	40#	60"	10/5/2.5	#207		■	
49190	SFA (2020)	Acrylic, Permanent	40#	60"	10/5/2.5	#204		■	
46154	BC-20	Rubber, Permanent	40#	60"	5	#207		■	
2.3 mil TC White Skweeze™ Polypropylene A topcoated, flexible, glossy white biaxially-oriented polypropylene film that exhibits full squeeze performance on rigid containers, such as shampoo and condiment bottles.									
41893	B-122F	Acrylic, Permanent	40#	60"	5/2.5	#199		■	Full Squeeze
PrimeScan® Cover 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 facstock when possible (rather than the face from liner). Outdoor durability is up to 18 months, depending on climate and exposure conditions.									
48857	BP-164	Rubber, Permanent	40#		5/2.5	#204		■	
2.6 mil White Pearlized BOPP Cover 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.									
49287	BP-164	Rubber, Permanent	40#		10/5			■	
SafeTE™ Synthetic 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 facstock has been specifically designed to easily delaminate, showing tamper evidence, when used with an aggressive adhesive.									
41925	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 [^]	Precise*	Comments
Other Films									
SafeTE™ White Void Polyester 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		■	
SafeTE Silver Void Polyester 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.									
49184	SFA (2020)	Acrylic, Permanent	50#	54"	5/2.5	#250		■	
SafeTE Cover-up TC Film 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		■	
SafeTE Clear Void 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		60# Blue Glassine		2	#214		■	
SafeTE NT Red Void 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		60# Blue Glassine		5/2	#214		■	
2.0 mil Matte Silver Polyester 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.									
49235	SFA (2020)	Acrylic, Permanent	50#		10/5/2.5	#252		■	
Tyvek® 1073-D 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		■	
2.0 mil Gloss White Polyester 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		■	
2.2 mil White Laser Polyester 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



Face Stock	Basis Weight	Caliper	Description	Print Method
WHITE GOLD®	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
Cast Coated High-Gloss	57#	4.0	A cast-coated, mirror finish, high strength paper stock designed for quality printing and high speed converting.	Flexo
Platinum Xtra Semi-Gloss	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
Platinum™ Semi-Gloss	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
Platinum Plus Semi-Gloss	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
50# Dairy Label	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
60# Dairy Label	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
Majestic Matte Litho	60#	3.9	A 60# bright white, high strength, matte-coated white litho paper stock designated for quality printing & high speed converting.	Flexo
Uncoated Litho	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
8 PT. Coated Matte Tag	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
Matte-Coated Fluorescents	60#	3.8	A matte-coated litho available in red, orange, pink, green and chartreuse.	Flexo
Laminated Foils	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
Metalized Paper	58#	2.9	A mirror finished bright silver metalized facestock. Acrylic top coated for outstanding print quality.	Flexo
Wet Strength	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
58# Primeglos™ Piggyback	58	3.0	A bright white, semi-gloss litho that demonstrates excellent print characteristics when printed using flexo, offset, and letterpress.	Flexo Thermal Transfer
65# Natural Kraft	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
8pt C1S Tag	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
AC Bright Gold Laminated Foil	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
AC Bright Silver Laminated Foil	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
AC Dull Gold Laminated Foil	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
AC Dull Silver Laminated Foil	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
Bright Silver Metalized Paper	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
Coverglos™	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
Covermatte™	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
DiversiPrint®	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)
DiversiPrint® Cover-up	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)
Gloss Inkjet Paper	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
Endura® Durable Inkjet Paper	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
High-Gloss	57	3.7	A cast coated paper featuring a mirror finish; ideal for a wide variety of printing technologies.	Flexo Thermal Transfer
iGO™ Semi-Gloss	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)
iGO Semi-Gloss Cover-up	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)
Laser Latex	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)
Reverse Coated Bright Silver Metalized Paper	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
SafeTETM C1S	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
SafeTE C1S Cover-up	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
Premium Matte Inkjet Paper	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
Satin Matte Inkjet Paper	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
Satin Matte Inkjet Paper Cover-up	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
Ultra Matte™ Litho	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
Ultra Matte Litho Piggyback	60	3.9	A premium, matte-coated paper featuring superior smudge resistance, high brightness, and high opacity. This sheet offers good ink receptivity.	Flexo



Face Stock	Basis Weight (#/3300ft)	Caliper	Description	Print Method
*Veero™ CTT	40	2.9	A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers. The properties of the sheet allow for high quality barcode and flexo printing, as well as good smudge resistance.	Flexo Thermal Transfer
*Veero 54# Semi-Gloss	54	2.9	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.	Flexo Thermal Transfer
*Veero Direct Thermal NTC	50	3.1	A direct thermal facestock designed for short-duration labeling. It is not suitable for applications requiring water or chemical resistance (including solvents, oils, fats, or similar substances).	Flexo Direct Thermal
*Veero Direct Thermal T	53	3.1	An economical general purpose direct thermal paper designed to cover a broad range of applications. It is top coated for resistance to water, oil, and other chemicals.	Flexo Direct Thermal

* Item not available for custom applications



Face Stock	Basis Weight	Caliper	Description	Print Method
VIVID™ Squeeze White		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
VIVID Vinyl		3.4	A soft white high performance vinyl. Conformable and outdoor durable. Top coated for excellent printability. Ideal for outdoor promotional needs.	Flexo
VIVID White BOPP		2.6	A top coated bright white pearlescent polypropylene facestock. Works effectively on rigid and semi-rigid containers.	
ALLURe®		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
VIVID White Polypropylene		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
VIVID Chrome Polypropylene		2.0	A top coated metalized polypropylene providing excellent print receptivity. Designed for indoor applications on semi-rigid or rigid containers.	Flexo
VIVID Squeeze Clear		2.2	Clear squeezable BOPP film top coated for superior printability. For applications where repeated wall to wall squeezability is needed.	Flexo
VIVID ICE™ Clear BOPP		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
VIVID Clear Polystyrene		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 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.	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



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)



Face Stock	Basis Weight	Caliper	Description	Print Method
4.0 mil TC Matte White Polypropylene	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
4.0 mil White Inkjet Polypropylene	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
Gloss White Inkjet Polypropylene	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
Gloss Clear Inkjet Polypropylene	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
Kimdura® 70	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
*Laser Vinyl Drum Label	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)
PrimeScan®	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
PrimeScan® Cover	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
PrimeScan® 90	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



Face Stock	Basis Weight	Caliper	Description	Print Method
SafeTE™ Cover-up TC Film	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
SafeTE Silver Void Polyester	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
SafeTE Synthetic	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
SafeTE White Void Polyester	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
SafeTE Clear Void Polyester	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
SafeTE NT Red Void Polyester	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
ScanTherm-Poly™ 4.0	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
Smudgeproof Kimdura® FPG-80	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
Tyvek® 1073-D	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
Digital				
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
EDP				
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
Thermal Transfer				
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
Direct Thermal				
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
General Purpose Permanent					
InFusion®	+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.
710VHP	+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.
ST-95	+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.
All-Temperature Permanent					
CHILL AT®	-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.
640-AT	-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.
Freezer Permanent					
Glacier 733	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.
Direct Food Contact					
CHILL AT FDA	-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.
711VHP	+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.
Removable					
HR-51	+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.
MR860	+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.
MR840	+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.
LT-20	+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.

Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
Peel & Reseal					
ReLatch® MP820	+40°F (+4°C)	-65°F to +200°F (-54 to +93°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.
High-Tack Permanent					
CHILL AT Extreme	-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.
MF2030	-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.
MP725	+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
705VHP	+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.
XT99	+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.
XT-100	+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
MP690	+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.
Specialty Permanent					
PUREapply®	+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
PUREtac® CL216	+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.
MP880	+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.
MP-910	+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.
PUREfloat®	+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
MP-238	+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
LINTEC High-Tack Permanent					
Cryogenic	+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.
DA1	+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.
Heat Resistant	+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.
NPL	+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.
Oil Tolerant	+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.
P100	+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.
P293DS	+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.
PAT1	+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.
PT3			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.
Silicone HR	+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.
LINTEC Specialty Permanent					
Bubble Free	+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.
Outgas Resistant	+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.
LINTEC Removable					
KV11	+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.
MF	+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.
Silicone POP	+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.
Specialty VOID	+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.
LINTEC Peel & Reseal					
M183A	+23°F (-5°C)	-40°F to +212°F (-40°C to +100°C)	Good	Good	A removable acrylic adhesive with unique peel and resealable properties, but low to medium ultimate adhesion to a variety of surfaces. Excellent durability against moisture and alcohol.



Adhesive	Min. App. Temp.	Service Range	U.V. Resistance	Solvent Resistance	Description
General Purpose					
4LZ™ (2020)	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-82	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
BP-164	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
BP-52	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
SFA™ (2020)	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
XYZ™ (2020)	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
Cold Temperature					
A-BC-20™	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
BC-20™	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
CLD-10	10°F	-50° to 145°F			An economical cold temperature 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
PRM-550*	25°F	-30° to 175°F			An aggressive emulsion acrylic appropriate for indoor and outdoor labeling. Acrylic-based Permanent
PDL-09*	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
Cold Temperature					
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
All Temperature					
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
Freezer					
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
Cryogenic					
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
Specialty					
AmpClamp™	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
FC-125	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
GripTight™	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
Oil Tolerant	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
PAT1	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
*PDL-55	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
SP-924G	20°F	-40° to 240°F			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
SureLock™	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
Removable					
B-91	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
HTR-1	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
LiftOff™	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
GPR™	40°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-92	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
RSM-92*	18°F	10° to 150°F			A removable, emulsion acrylic adhesive with good performance for indoor and outdoor use. Acrylic-based Removable
VR	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
2.45 Kraft	2.45	A 2.45 mil, semi-bleached Kraft release liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications.
3.2 Kraft	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.
2.5 NK	2.5	A 2.5 mil, unbleached natural Kraft release liner excellent for die cutting and stripping. Primarily used for roll-to-roll applications.
2.5 LF	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.
2.5 Kraft LF	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.
3.2 Kraft LF	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.
3.4 C1S	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.
65# C1S	3.6	A 3.6 mil, C1S white Kraft liner designed for and commonly used in roll-to-sheet applications.
3.0 44PK	3.0	A 3.0 mil, unbleached natural Kraft liner that is polycoated to provide improved adhesive clarity and additional strength for die cutting and automatic high speed dispensing for roll-to-roll applications.
1.0 PET	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.
1.2 PET	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.
1.5 PET	1.5	A 1.5 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.
Bloom hi.impact®	1.6	A 1.6 mil white glassine liner designed for excellent converting and dispensing while reducing your environmental impact.



45# Blue Glassine	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.
50# White Glassine	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.
55# White Glassine	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.
60# Blue Glassine	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.
63# Ivory Kraft	4.7	A 63# one side is polyethylene laminated ivory Kraft liner, excellent for die cutting and stripping. Designed for lay-flat applications.
75# White Kraft	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.
92# White Kraft	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.
2.0 PET	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. (#300ft²)	Opacity %
		Flexo	Offset	Laser	Roll-to-Roll	Roll-to-Sheet	Laser	Offset			
Spinnaker - Calendered Krafts											
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
Spinnaker - Glassine											
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. (#300ft²)	Opacity %
		Flexo	Offset	Laser	Roll-to-Roll	Roll-to-Sheet	Laser			
Spinnaker - Clay-coated										
3.2 mil (45#) LF	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
3.5 mil (50#) LF	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
58# LF	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
72#	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
Spinnaker - Film										
1.2 mil Clear Polyester*	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	
Spinnaker - Polycoated										
44# PK	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



MORGAN ADHESIVE COMPANY

Notice: ORDERS 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.

Acceptance: All orders are subject to acceptance by MORGAN ADHESIVES COMPANY (the "Company"), on and subject to the following terms and conditions, which terms and conditions may not be varied or added to except in 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.

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 net amount of the invoice is payable in full within 30 days, following date of invoice. The terms of payment will be set forth on the face of the invoice.

Freight: All shipments are F.O.B. Distribution Center. No freight allowed, Freight charges will be prepaid and billed. All risk of loss or damage to the goods shall pass to the Purchaser upon delivery of the goods to a common carrier.

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.

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.

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 Mactac 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. Mactac'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 Mactac BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OR DAMAGE TO OTHER PROPERTY, WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, Mactac 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.

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.

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.

Applicable Law: This Agreement shall be governed by and construed upon the laws of the State of Ohio and Federal law where applicable.

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.

STANDARD CONDITIONS OF SALE

WARRANTY:

We will replace immediately without charge any material shown to our satisfaction to be defective at the time of the sale.

Careful quality control through every manufacturing process is your warranty that Mactac products are free from defects. Published information about Mactac products is based on research and is reliable to the best of our ability but does not in itself constitute a warranty. It is understood that the purchaser will independently determine the suitability of all Mactac materials for his purpose. Because of the variety of possible uses for Mactac products, the fitness and performance of the product for each intended use should be tested to his satisfaction by the purchaser who assumes all risks in connection with such use. Mactac Canada Ltd/Ltée shall in no way be liable for damages in excess of the purchase price of the products nor for incidental or consequential damages.

No representative agent or salesman is authorized to give any guarantee, warranty or to make any representation contrary to the foregoing.

1. **QUOTATIONS:** Quotations are subject to confirmation on receipt of order.
2. **ACCEPTANCE:** All orders received are subject to acceptance by Mactac Canada Ltd/Ltée.
3. **PRICES:** All orders including back orders will be invoiced at prices prevailing at time of shipping. Prices are subject to change without notice.
4. **TERMS:** See invoice detail. All prices are subject to Federal, Provincial and local taxes when or where applicable.
5. **DELIVERY:** While every effort will be made by the seller to effect delivery in accordance with prearranged dates, no guarantee as to dates of delivery by seller is given or implied and the seller will not accept liability for any loss or damage occasioned by delay in delivery however caused. Prices are FOB Brampton except where otherwise stated. Risk of loss or damage of goods shall pass on to the buyer upon delivery of stock to a common carrier whether goods are sold with freight allowed or otherwise. Where shipping at own expense, the seller reserves the right to select the most economical routing.
6. **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.
7. **RETURNS:** No merchandise whether defective or otherwise will be accepted for return unless previously authorized in writing by the company.
8. **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.
9. **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%.
10. **QUALITY:** Published information regarding performance, specification, dimensions, etc. of Mactac 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.
11. **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.
12. **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.
13. **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.
14. **CUSTOMER'S CONDITIONS:** These terms and conditions shall take precedence 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.

CONDITIONS NORMALES DE VENT

GARANTIE:

Nous remplacerons immédiatement, à nos frais, tout produit reconnu à notre satisfaction comme étant defectueux au moment de la vente. Un contrôle strict de la qualité à toutes les phases de la fabrication est votre gage que les produits Mactac sont exempts de défauts de fabrication. Les informations publiées sur les produits Mactac sont basées sur des recherches et sont justes au meilleur de nos connaissances, mais ne constituent pas comme telles une garantie. Il est entendu que l'acheteur déterminera indépendamment la convenance de tous les produits Mactac pour son usage. Dû à la grande variété d'usages pour les produits Mactac, la convenance et le rendement du produit pour chaque application devraient être mis à l'essai par l'acheteur qui assume tous les risques en rapport à un tel usage. Mactac Canada Ltd/Ltée ne sera aucunement responsable des dommages excédant le prix d'achat des produits, ni de tout autre dommage indirect ou accidentel.

Aucun agent ou représentant est autorisé à donner d'autre garantie ou à faire d'autre représentation à l'encontre de ce qui précède.

1. **SOUSSIONS :** Les soumissions sont sujettes à confirmation sur réception de la commande.
2. **ACCEPTATION :** Toutes les commandes reçues sont sujettes à acceptation par Mactac Canada Ltd/Ltée.
3. **PRIX :** Toutes les commandes, y compris les balances de commandes, seront facturées aux prix en vigueur au moment de l'expédition. Les prix sont sujets à changer sans préavis.
4. **TERMES :** Voir facture pour détail. Tous les prix sont sujets à la taxe Fédérale, Provinciale et locale s'il y a lieu.
5. **LIVRAISON :** Bien que le vendeur s'efforcera de livrer la livraison aux dates prévues il ne peut garantir que la livraison sera faite à ces dates et il ne sera pas responsable de tout perte ou dommage occasionné par un délai dans la livraison peu importe la cause. Les prix sont F.A.B. Brampton, à moins d'indication contraire. L'acheteur assumera tout risque de perte ou de dommage à la marchandise dès qu'elle aura été livrée à un transporteur public, que la livraison ait été vendue fane de port ou non. Le vendeur se réserve le droit de choisir le moyen de transport le plus économique lorsqu'il accepte de livrer la livraison à ses frais.
6. **RÉCLAMATIONS :** Toute plainte relative aux dommages durant le transport, court de Mayandise ou non livraison, ne sera entendue que si elle est logée par l'acheteur dans les 14 jours de la facture ou de la réception de la Mayandise si elle est reçue avant la facture. Les plaintes concernant les défauts de fabrication ne seront entendues que si elles sont loges par l'acheteur dans les 30 jours de la réception de la Mayandise. Dans les cas spéciaux mettant en cause des défauts cachés, les réclamations peuvent être faites dans les 90 jours de la date de réception de la Mayandise.
7. **RETOURS :** Aucune Mayandise, defectueuse ou non, ne sera acceptée pour renvoi à moins que le client ait reçu une autorisation par écrit de la compagnie.
8. **TOLÉRANCES :** Bien que le vendeur s'efforcera de respecter avec précision les quantités et dimensions spécifiées aucune garantie n'est donnée à ce sujet, sauf dans les limites des tolérances commerciales normales.
9. **COURT/SURPLUS :** Bien que le vendeur s'efforcera de fabriquer et d'expédier la quantité exacte requise, le client devra accepter jusqu'à 10 % de plus ou de moins que la quantité commandée sur les commandes spéciales de produits standards. Dans le cas des produits non standards. Dans le cas des produits non standards, le client devra accepter jusqu'à 20 % de plus ou de moins.
10. **QUALITÉ :** Les informations publiées concernant le rendement, les spécifications, les dimensions, etc. des produits Mactac sont basées sur des recherches et sont justes au meilleur de nos connaissances, mais elles ne peuvent être garanties et considérées comme une garantie ou une condition.
11. **LIMITE DE LA RESPONSABILITÉ DU VENDEUR :** Toute déclaration, condition ou garantie tacite ou expresse, prévue autrement, non précisée dans ces conditions de vente, est par la présente rejetée et considérée contradictoire à ces conditions et le vendeur n'accepte aucune responsabilité pour tout dommage ou perte occasionnée directement ou indirectement par les Mayandises fournies, ou par leur inefficacité à répondre aux spécifications ou aux exigences prévues.
12. **FORCE MAJEURE :** L'exécution de tous les contrats est sujette à varier ou à être annulée par le vendeur en raison des lois du gouvernement, greves, lock-outs, émeutes ou autres conflits ouvriers, accidents industriels, pénurie de matière première ou de main-d'œuvre, incendies ou inondations touchant le vendeur ou les compagnies fournissant ou transportant les matières premières au vendeur ou de tout délai de transport, ou de toute autre cause en-dehors ou contrôle raisonnable du vendeur, et le vendeur ne sera pas tenu responsable de toute incapacité à la livrer ou de tout retard de livraison occasionné par de tels imprévus.
13. **AUTORISATION :** Aucun agent ou vendeur peut autoriser la dérogation à ces conditions qui Gouverneront es transactions, sauf s'il a reçu une autorisation par écrit d'un cadre de la compagnie.
14. **CONDITIONS DU CLIENT :** Ces termes et conditions auront préférence sur tous termes ou conditions contenus dans n'importe quels autres documents faisant partie du contrat entre l'acheteur et le vendeur, peu importe si un tel document est daté ou livré avant ou après le présent document, à moins d'une autorisation contraire, expressément accordée par écrit, par un cadre du vendeur.



Spinnaker Pressure Sensitive Products, LLC ("Seller") acknowledges with appreciation, and hereby accepts the order from you (the "Buyer") shown on the face hereof. Seller's acceptance of your order is hereby expressly made conditional on your acceptance of the following terms and conditions:

1. TERMS AND ACCEPTANCE. All sales of goods manufactured or supplied by Seller ("Goods") shall be subject to these terms and conditions. ACCEPTANCE OF BUYER'S ORDER FOR SUCH GOODS BY SELLER IS EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS CONTAINED HEREIN AND ON THE FACE HEREOF. SELLER HEREBY OBJECTS TO ANY DIFFERENT OR ADDITIONAL TERMS WHICH MAY APPEAR ON ANY FORM OF BUYER, OR ANY ALTERATIONS IN THE TERMS AND CONDITIONS OF THIS DOCUMENT, UNLESS EXPRESSLY AGREED TO IN WRITING BY SELLER. WITH RESPECT TO BUYER'S OFFER TO PURCHASE THE GOODS, THIS DOCUMENT SHALL NOT OPERATE AS AN ACCEPTANCE OF BUYER'S OFFER, BUT RATHER SHALL BE DEEMED TO BE A COUNTEROFFER. Buyer's delivery of an acknowledgment of these terms, or acceptance of the Goods, whichever occurs first, shall constitute Buyer's consent to the terms hereof. In the event of any conflict between the terms set forth herein and the face hereof, the latter shall control.

2. QUOTATION. Prices and other terms set forth in Seller's quotations shall not be binding on Seller, and Seller reserves the right to increase the price of the Goods stated in its quotations to reflect any subsequent increase in the cost of materials or labor for the manufacture of the Goods.

3. TERMS OF PAYMENT. Unless otherwise stated on the face hereof, payment terms for all purchases of Goods are net thirty (30) days of invoice date. Prices do not include any additional costs or taxes, all of which shall be paid by Buyer. Payment is to be made in U.S. dollars, and shall be made in accordance with all terms set forth in this document without any deductions, including, but not limited to, for discounts or for any alleged claims with respect to any agreement of the parties. If Buyer shall fail to pay any part of the price for the Goods when due, Seller may defer or cancel further shipments of the Goods without incurring any liability to Buyer.

4. TRANSPORTATION AND DELIVERY; RISK OF LOSS. The Goods shall be shipped F.O.B. Seller's plant or distribution center of origin. Goods may be combined by Buyer for the best freight terms, provided they are shipped at one time to one location. All risk of damage, loss or theft shall be borne by Buyer. Buyer shall notify Seller as to the place of delivery. Seller shall have the right to designate the method and route of shipment, and to insure, at Buyer's expense, the full value of the Goods so shipped. Seller may, at its election, deliver the Goods in one or more installments. All such installments shall be separately invoiced and paid for when due. If Goods that are ready for shipment are to be kept back on instruction of Buyer, or if shipment cannot be effected for reasons beyond Seller's control, the Goods will be stored at Buyer's expense and risk at prevailing storage rates. While Seller will attempt to meet any delivery date set forth on the face hereof, it shall not be liable for delays in manufacture or delivery due to any event beyond Seller's or its subcontractors' reasonable control, including, but not limited to: force majeure, fires, floods, riots, strikes, labor disputes, freight embargoes, transportation delays, inability to secure labor, materials, supplies, equipment, or power on account of shortages thereof, or governmental restrictions. Delay in delivery does not entitle Buyer to cancel any order for Goods or to claim damages directly or indirectly attributable to such delay.

5. CHANGES. Buyer shall not be permitted to change any order for Goods without the prior written consent of Seller. Buyer shall be responsible for any increase in price relating to an approved change of an order.

6. LIMITED WARRANTY; DISCLAIMERS; LIMITATION OF LIABILITY AND REMEDIES. Seller warrants that the Goods are free from defects in manufacture for a period of one (1) year from the date of shipment, provided that (i) Seller has an opportunity to inspect the Goods and can verify the alleged defect; (ii) such Goods have not been stored under conditions other than those specified on Seller's shipping or carton label, or on the product data sheet for such Goods; and (iii) Seller has not indicated a different warranty term on the product data sheet for such Goods. Buyer shall inspect the goods promptly upon receipt. All claims made in accordance with the terms of this warranty for alleged defects, and any right of rejection or revocation of acceptance of the Goods are waived if (a) Buyer fails to give Seller notice of any claim within the warranty period and immediately after discovery of the claimed defect, or (b) Buyer has used the Goods or done any other act inconsistent with rejection or revocation of acceptance. **BUYER'S SOLE AND EXCLUSIVE REMEDY PURSUANT TO ANY CLAIM OF ANY KIND WITH RESPECT TO ANY ORDER FOR PURCHASE OF GOODS, INCLUDING, BUT NOT LIMITED TO, A CLAIM UNDER THIS WARRANTY OR IN CONTRACT, TORT (INCLUDING, BUT NOT LIMITED TO, NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE, IS, AT SELLER'S OPTION: (i) THE REPLACEMENT OF THE DEFECTIVE GOODS OR PORTIONS THEREOF, OR (ii) A REFUND OR CREDIT OF ALL OR A PORTION OF THE PURCHASE PRICE, PROVIDED THAT BUYER RETURNS THE DEFECTIVE GOODS IN ACCORDANCE WITH SELLER'S INSTRUCTIONS. IN NO EVENT SHALL SELLER'S LIABILITY ON THIS WARRANTY OR ANY CLAIMS WHATSOEVER EXCEED THE COST OF THE MATERIALS SOLD, AND IN NO EVENT, REGARDLESS OF THE FORM OF ACTION, SHALL SELLER BE LIABLE FOR ANY CONSEQUENTIAL OR OTHER DAMAGES OF ANY KIND (INCLUDING ATTORNEYS' FEES), ARISING OUT OF THE SALE OF GOODS TO BUYER OR ANY OTHER ACTIONS IN CONNECTION WITH THIS AGREEMENT. SELLER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARISING BY LAW OR CUSTOM, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE HEREBY EXPRESSLY DISCLAIMED.** Buyer agrees that Buyer has independently determined the suitability of the Goods for Buyer's purposes, and Buyer assumes all risk and liability resulting from the use of the Goods. In no event will returns be accepted without prior written authorization of Seller.



7. DEFAULT. If Buyer defaults in performing any of its obligations to Seller, Seller may, at its option and without incurring any liability thereby, elect to cancel any or all agreements with Buyer, and pursue all available legal and equitable remedies. If Buyer shall be insolvent or cease doing business or be the subject of any proceedings under any bankruptcy or reorganization statute or law, Seller may deem such act to be a default under this agreement, and Seller may elect to cease performing and cancel this agreement with respect to any Goods not delivered or received prior to the election, and pursue all available legal and equitable remedies, including, but not limited to, the right to accelerate any unpaid balance owed pursuant to any agreements with Buyer.

8. GOVERNING LAW; JURISDICTION. Any controversy arising out of or related to this document or the contract arising from this document shall be construed and governed by the laws of the State of Ohio, regardless of principles of conflicts of law. Any action arising from or related to this contract for the sale of goods shall be instituted and litigated in any federal or state court located in Miami County, Ohio or Montgomery County, Ohio. The parties hereby irrevocably consent to the jurisdiction of the courts of Miami County, Ohio and Montgomery County, Ohio.

9. NOTICES. All notices shall be delivered by hand or by courier, facsimile, express mail, or postage prepaid certified or registered mail at the addresses listed on the face hereof, and shall be deemed effective on the earlier of actual receipt or three (3) business days after having been sent.

10. MISCELLANEOUS. This document sets forth the entire agreement of the parties in respect of the subject matter hereof, and no provisions shall be waived, changed, or terminated except in writing by the parties hereto. No failure to enforce or waiver of any breach of any provision of this document shall constitute a waiver of any provision or shall constitute an amendment of this document. If any provision hereof shall be held to be unenforceable, such holding shall not affect the enforceability of any other provision of this document. No right or interest in the contract arising from this document may be assigned by Buyer without the prior written consent of Seller. The provisions of this document otherwise shall bind and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, successors and assigns.

8/04

Stronger Together

**Mactac AMERICAS
CORPORATE HEADQUARTERS**
4560 Darrow Road
Stow, OH 44224
Tel: 1-330-688-1111

**Spinnaker
HEADQUARTERS**
550 Summit Ave
Troy, OH 45373
Tel: 1-800-543-9452

**Mactac MEXICO
HEADQUARTERS**
Calle 13, Ext 270 int. D Colonia
Industrial Valle del Alamo,
Guadalajara, Jalisco
Tel: ++52-444-799-0303

NORTH AMERICA SHIPPING/MANUFACTURING FACILITIES

APPLETON
West 6580 Quality Drive
Greenville, WI 54942

CANADA - LABEL SUPPLY
280 South Blair St
Whitby, ON L1N 9N2

COLUMBUS
2576 Norcross Drive
Columbus, IN 47201

KANSAS CITY
2108 Atlantic Avenue
N. Kansas City, MO 64116-3428

LOS ANGELES
5700 E. Airport Drive, Suite B
Ontario, CA 91761

MEXICO
Carretera Central Km. 197.3
Zona Industrial
San Luis Potosi, S.L.P. 78395

MINNEAPOLIS
800 Kasota Avenue SE
Minneapolis, MN 55141

PHILADELPHIA
275 Lower Morrisville Rd
Fallsington, PA

SCRANTON
802 East Corey Street
Scranton, PA 18505-3595

SPARTANBURG
1896 Moore Duncan Hwy
Moore, SC 29369

TROY
130 Marybill Drive
Troy OH 45373

VANCOUVER
401 West Fourth Plain Blvd.
Vancouver, WA 98660

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MAC3217 (07/24)

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Mactac North America
4560 Darrow Road • Stow, OH 44224-1898 • ph: 800.548.3456
email: Mactac.Americas@mactac.com • www.mactac.com/rolllabel