

2012 Pressure-Sensitive Online Components Guide



November 2012

This 2012 Fasson Pressure-Sensitive Components Guide provides an up-to-date listing of all core facestocks, adhesives and release liners that make up Fasson pressure-sensitive label materials. These product components deliver unique features and capabilities only achieved through Avery Dennison's proprietary processes incorporating an enormous amount of technical knowledge, resources and experience.

Table of Contents

Laser Product Recommendations.....	3
Cover-Up Coatings Available	3
Special Surface Treatments	4
Paper Facestocks.....	5
Film Facestocks	12
Permanent Adhesives	17
Removable Adhesives.....	20
Release Liners	22

For a complete listing of Fasson products, request our Fasson Product Guide.

How to Contact Us

Label and Packaging Materials
8080 Norton Parkway
Mentor, Ohio 44060

800-944-8511
www.fasson.com
frna.feedback@averydennison.com

**For orders, product recommendations and claims, please call
800-944-8511.**

**For products and services offered in Mexico, please call
52-55-5093-0100.**

Other Important Phone Numbers

RollXchange.com	800-211-2887
Financial Services	888-432-7766
Pallet Return Program	Contact Customer Service at 800-944-8511
Credit References	Fax your request to 440-358-6032

©2011 Avery Dennison Corporation. All rights reserved. Fasson, and all other Avery brands, product names, codes and service program terms are trademarks of Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners.

Laser Product Recommendations

These guidelines will help you maximize on-press efficiencies when converting Fasson® laser product constructions.

- Non-topcoated film materials require the use of a press-applied flexographic topcoat for proper ink and toner adhesion. Perform extensive tests for compatibility with the ink manufacturer of solvent- or water-based formulations.
- Use low-wax or wax-free topcoats. Limit the use of surfactants.
- Avoid flood-coating the sheet as it could result in uncontrollable curl and poor toner anchorage. Consider using a screen to give the appearance of a solid.
- Avoid over-drying the web when drying the ink. Excess heat can result in uncontrollable curl.
- To aid consistent feeding, label removal from liner, and to prevent adhesive ooze, die cut and strip at least 1/8" matrix from the leading edge or (preferably) around the entire sheet.
- For applications where matrix removal is not possible, make sure that the die cuts do not run off the edge of the sheets. Additionally, care should be taken to select a product designed by the supplier to be used in non-matrix-stripped laser applications.
- Many laser printer OEMs recommend label formats to optimize the performance of various media (including labels) in their equipment. Always inquire which make/model of printer your customer is using and determine if your form design meets the manufacturer's recommendations.

For comprehensive recommendations with laser products, see "Laser Product Converting Tips" at www.fasson.com.

Cover-Up Coatings Available

FasCover™2 –

Black opaque barrier coating for use as a correction/cover-up labelstock.

FasCover™ Gray –

Gray opaque barrier coating for use as a correction labelstock.

Film Surface Treatments

Corona-Treated

Surface treatment designed to enhance printability with UV letterpress and most flexographic inks.

TC 1000

Clear topcoat designed to enhance printability with water-based and UV flexographic inks and UV screen inks.

Polyester Surface Treatments

Printable Polyester

Surface treatment designed to enhance printability using solvent- and water-based flexographic inks and UV letterpress inks. Printable polyester is suitable for thermal transfer printing with select ribbons. Fit for outdoor use.

Topcoated Polyester

Topcoat designed to enhance flexographic printing with most solvent- and some water-based inks. Topcoated polyester is suitable for thermal transfer printing with select ribbons. Fit for outdoor use.

Copy Code™ 7219 TC

Matte computer-imprintable topcoat for computer ribbon inks and xerographic toners. Copy Code™ 7219 TC accepts most flexographic film inks. Has excellent smudge and abrasion resistance. Fit for outdoor use.

Copy Code™ 7229 TC

Smooth matte topcoat suitable for computer ribbon inks and thermal transfer printing. Copy Code™ 7229 TC provides enhanced flexographic print aesthetics versus Copy Code™ 7219 TC. Fit for outdoor use.

Vinyl Surface Treatments

7050 TC

Water-based matte topcoat offering excellent laser imaging and superior toner adhesion, abrasion and chemical resistance. Compatible with most flexographic inks, UV screen and letterpress printing.



7100 TC

Solvent topcoat used to enhance solvent- and some water-based flexographic inks. Not recommended for UV.

7300 TC

Matte computer-imprintable topcoat designed to enhance most flexographic film inks and xerographic toners, as well as certain impact printer ribbon inks. Excellent smudge and abrasion resistance. Fit for outdoor use.


Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Archival Semi-Gloss (60#)	Bright blue-white premium coated semi-gloss face stock. Acid-free and lignin free. Passes the ANSI Photographic Activity Test (PAT) making it ideal for photo-safe archival applications.	3.1	60	35	19	47	46
Black Vellum (60#)	Black vellum paper ideal for wine, high-end beverages and gourmet foods.	5	60			104	108
Bright Gold Foil	A 0.000225" aluminum foil laminated to a white kraft base sheet, with an acrylic topcoating for printability. Good printing with solvent/water-based Flexo. Not recommended for imprinting.	3.7	70	27	15	45	50
Bright Silver Foil	A 0.000225" aluminum foil laminated to a white kraft base sheet, with an acrylic topcoating for printability. Good printing with solvent/water-based Flexo. Not recommended for imprinting.	3.7	70	27	15	45	50
Bright White Felt (70#)	White premium non-wet strength paper ideal for wine, high-end beverages and gourmet foods.	6.2	70				
Cambric Birch	Premium multicolored, uncoated, linen texture paper ideal for wine, high-end beverages and gourmet foods.	6.785	70				
Cast Gloss (60#)	Cast-coated gloss paper featuring high strength and excellent ink receptivity. Prints well with flexographic, letterpress, screen and offset ink systems.	4.0	60	26	16	55	60
Cast Gloss Elite™ (55#)	Bright blue-white cast-coated high-gloss paper that captures the properties necessary to excel in the high-end process printing arena. Offers excellent printing with water based and UV flexographic, screen, offset and UV letterpress ink systems.	3.5	55	26	16	55	60
Classic Crest®	Rich vellum creamy-smooth uncoated wet-strength paper facestock produced specifically for wine labeling applications.	4.7	60	22	14		
 Classic Crest® Solar White PCW	Rich vellum, smooth uncoated wet strength, 30% Post Consumer Waste (PCW) paper facestock produced specifically for wine labeling applications.	4.7	60	22	14		
Classic® Laid	Uncoated wet-strength paper providing a laid finish. Ideal for wine, high-end beverages and gourmet foods.	5.4	60	19	13		
 Classic® Linen	Uncoated wet-strength paper providing a linen finish. Ideal for wine, high-end beverages and gourmet foods.	4.6	60	17	13		
Cream Vellum PCW (70#)	Bright cream wet strength vellum paper that provides a printed appearance ideal for wine, high-end beverages and gourmet foods.	5.4	70	27	19	65	75
Demand Jet™ 200SG	Semi-gloss, coated inkjet-printable paper. Designed for full color printing with dye-based inks on the VIP Color VP2020 printer.	3.7	60	24	14	42	42
Demand Jet™ 500HG	White, high-gloss sheet designed for full color printing with dye-based inks on the VIP Color VP2020 printer. It couples good inkjet print quality with fast ink drying time. Ideal for applications printing variable information in conjunction with full color graphics.	4.1	58.8	31	26		
Direct-Therm 200BI	Smooth bright white paper with a medium-sensitivity thermal coating that images in a bright blue color. A special low ion topcoating provides for high environmental resistance and protection against printhead wear.	3.1	52	25	15	45	47
Direct-Therm 200GP	Smooth bright white paper with a medium-sensitivity thermal coating. Specifically designed to resist a variety of contaminants in the grocery and industrial labeling markets including water, blood, fat, PVC and oils.	3.0	49	25	15	50	60
Direct-Therm 200HD	Smooth bright white paper with a medium-sensitivity thermal coating. A special low ion topcoating provides for high environmental resistance and protection against printhead wear.	3.2	52.7	25	15	40	50


Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Direct-Therm 200HD Plus	Smooth bright white paper with a medium-sensitivity thermal coating. Specifically designed for increased resistance to water, oils and other contaminants. Heat resistant to 185°F.	2.95	50.6	23	15	50	60
Direct-Therm 200LD	Smooth non-topcoated bright white paper with a medium-sensitivity thermal coating. Designed for limited environmental exposure.	3.3	50.7	30	15	40	45
Direct-Therm 300HD	Smooth bright white paper with a high-sensitivity thermal coating. Designed for use with low voltage printheads to minimize wear, or with high-speed thermal printers. A special low ion topcoating provides for high environmental resistance and protection against printhead wear.	3.1	54.1	25	15	43	54
Direct-Therm 300IR	Smooth white facestock with a heat-sensitive infrared scannable topcoating, capable of being scanned with an infrared light source in the 925 nm light range. Excellent resistance to direct water exposure. Superior resistance to heat and humidity.	2.9	58	25	15	40	50
Direct-Therm 300MD	Smooth bright white paper with a high-sensitivity thermal coating. Designed for use with low voltage printheads to minimize printhead wear, or with high-speed thermal printers. A special low ion topcoating provides for moderate environment resistance and protection against printhead wear.	3.1	55.3	31	16	52	64
Direct-Therm 300NIR	Smooth bright white paper with a medium-sensitivity thermal coating. Designed for use with scanners operating in the 675 nm light range.	3.1	51	25	15	45	47
Dissolvable Paper	Off-white, supercalendered sheet that is highly water soluble and dissolves within seconds in normal tap water.	3.2	37	8.1	2.7	25	35
Dry Tag (9 Pt.)	White tag stock dry laminated to a peelable paper. Used for dry coupon applications.	13.2	125	50	30	135	135
DSX™ (50#)	An Avery Dennison exclusive. This bright white high-strength electronic data processing (EDP) paper is specially designed for enhanced continuous laser imaging and high-speed converting. Excellent smudge resistance. Prints well offset. Offers improved solvent/water-based flexographic and screen printing. Not recommended for letterpress printing or with UV ink systems.	3.37	48	24	17.5	55	50
Dull Gold Foil	A 0.000225" aluminum foil laminated to a white kraft base sheet, with an acrylic topcoating for printability. Good printing with solvent/water-based Flexo. Not recommended for imprinting.	3.7	70	27	15	45	50
Dull Silver Foil	A 0.000225" aluminum foil laminated to a white kraft base sheet, with an acrylic topcoating for printability. Good printing with solvent/water-based Flexo. Not recommended for imprinting.	3.7	70	27	15	45	50
Durable Laser-Rite™	Smudgeproof latex paper providing excellent toner anchorage and resistance to cleaning solutions. Ideal for shelf marking applications. Designed to process through most medium and high-speed sheet-fed laser printers. Note: See "Laser Product Recommendations" on page 3.	3.7	60	27	21	48	54
Eggshell Wet-Strength (70#)	Cream, uncoated paper ideal for wine, high-end beverages and gourmet foods.	6.9	70			84	90
Estate Label® No. 4	Wet-strength white laid paper. Ideal for wine, high-end beverages and gourmet foods. This is the same facestock utilized for Collector's Reserve™ No. 1.	5.6	61	10	8	48	58
Estate Label® No. 8	Wet-strength bright white vellum paper providing an ideal appearance for wine, high-end beverages and gourmet foods.	4.7	61	15	8	48	58


Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Estate Label® No. 8 DTC	Bright white, wet strength vellum paper that provides a printed appearance ideal for wine, high-end beverages and gourmet foods. The surface has been optimized for printing pressure sensitive labels on HP Indigo ws2000, ws4000, ws4000 and ws4050 digital color presses. This digitally topcoated (DTC) paper is HP Indigo certified and has a 1 year shelf life when stored at 72°F at 50% RH.	4.7	61	15	8	48	58
Estate Label® No. 9	Wet-strength cream laid paper that provides an ideal appearance for wine, high-end beverages and gourmet foods.	5.5	60	15	8	48	58
 Estate Label® No. 10 PCW	Wet strength, bright white vellum, 30% Post Consumer Waste (PCW) paper that provides a printed appearance ideal for wine, high-end beverages and gourmet foods.	4.7	61	15	8	48	58
FasGloss™	Flexible, gloss-white finish, coated paper suitable for high-quality printing and die cutting. Prints well with flexographic and letter-press. Fair printability with screen and offset. Not recommended for imprinting.	2.6	54	26	17	41	49
FasPrism™	Micro-embossed metallized paper with a two-dimensional holographic diffraction pattern. Available in Iridescent, Glitter II, Shear, Ice and Classic.	3.4	54				
Fluorescent	Matte fluorescent coated litho stock which readily accepts printing inks. Available in red, orange, green, chartreuse and pink.	4.4	60	25	16	65	72
FM Litho Foodmark™	Flexible facestock with medium gloss and excellent wick resistance. Prints well with flexographic and offset, as well as with UV ink systems. Not recommended for letterpress or screen printing, or for imprinting. May bleed with R128 or FA20 adhesives.	3.4	60	30	16	45	50
Gloss (60#)	Highly calendered coated-one-side (C1S) paper designed for premium process printing performance at 175+ line screen. The facesheet offers very high gloss, uniform surface smoothness and ink holdout making it an ideal choice for high fidelity halftone printing jobs.	2.9	57.3	28	16	35	35
Gloss Inkjet	White, high gloss sheet specifically designed for use in on-demand inkjet printers. It couples good inkjet print quality with fast drying times and is optimized for use in the Epson SecurColor printer.	4.1	58.8	31	26		
Laser Copy™ Jet 300	Brilliant white uncoated facestock, designed to provide excellent toner anchorage when imaged in laser printers. Good inkjet quality. Engineered for applications where possibility of adhesive build-up is a concern; especially when preferred label design does not include matrix removal from finished label.	3.37	48	24	17.5	55	50
Lightweight Dairy Label	Flexible facestock with medium gloss. Sheet has been engineered with excellent wick resistance. Prints well with flexographic and offset as well as with UV ink systems.	2.8	50	28	14	45	48
Lightweight Gloss	Coated-one-side (C1S) gloss litho featuring excellent flexibility. The smooth gloss finish is ideal for prime label letterpress and litho printing. Facestock offers high internal bond strength as well as excellent anti-wicking and wet-strength characteristics.	2.0	40	17	13	25	29
Matte Inkjet	White, matte finish sheet specifically designed for use in on-demand inkjet printers. It couples good inkjet quality with fast drying times and is optimized for use in Epson SecurColor printers.	4.4	62	21	14		

Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Matte Litho	High-quality dull matte coated paper. Good printing with screen, solvent and water-based flexographic ink systems. Fair letterpress printing with UV ink systems. This facestock may be imprinted. Not recommended for offset printing.	3.6	60	32	17	60	64
Matte Litho DTC	High quality, dull matte coated paper. The surface has been optimized for printing pressure sensitive labels on HP Indigo ws2000, ws4000, ws4000 and ws4050 digital color presses. This digitally topcoated (DTC) paper is HP Indigo certified and has a 1 year shelf life when stored at 72°F at 50% RH.	3.6	60	32	17	60	64
 Matte Litho PCW	High quality, dull matte coated paper produced with 30% post consumer waste (PCW). Good printing with screen, solvent and water based flexo ink systems. Fair letterpress printing with UV ink systems. Not recommended for offset printing. This facestock can be imprinted.	3.6	60	18	14	59	67
Matte Litho Wet-Strength	Bright white, coated matte paper with added wet-strength for improved moisture resistance.	3.3	60	34	18	40	60
MaxFlex™ Silver	Premium finish, metallized paper with a modified acrylic top-coating. Prints very well with flexographic. Prints fair with letterpress, screen and offset. Compatible with UV ink systems. Not intended for imprinting.	2.9	59	27	14	48	54
MaxFlex™ Silver DTC	Premium finish, metallized paper providing a highly-reflective silver appearance, thus enabling a metallic look in labels produced digitally. The surface has been optimized for printing pressure sensitive labels on HP Indigo ws2000, ws4000 and ws4050 digital color presses. This digitally topcoated (DTC) paper has a 1 year shelf life when stored at 72°F at 50% RH.	2.9	59	27	14	41	47
Natural Label™	Unbleached uncoated high-strength sheet with a natural color and texture that conveys an organic, rustic image.	5.8	56		21	114	
Pharmaceutical Cast Gloss Elite™	Cast-coated high gloss bright blue-white paper. Offers excellent printing with water and UV flexographic, screen, offset and UV letterpress ink systems.	3.5	55	26	16	55	60
Pharmaceutical FasGloss™	Flexible gloss white finish coated paper suitable for high-quality printing and die cutting. Prints well with flexographic and letterpress. Fair printability with screen and offset. Not intended for imprinting.	2.6	54	26	17	41	49
Pharmaceutical Gloss Plus	Cast-coated paper featuring high strength and excellent ink receptivity. Prints well with flexo, letterpress, screen and offset ink systems.	4.0	60	26	16	55	60
Pharmaceutical Lightweight Litho	Lightweight coated facestock offering exceptional printability and flexibility. Recommended for labeling small-diameter containers and vials.	2.6	38	27	16	33	35
Pharmaceutical Litho	Uncoated 100% bleached chemical wood pulp facestock with a uniform texture for high-quality printing and smudge resistance.	2.8	49.3	30	15	43	45
Pharmaceutical Silverback	Reverse-coated 0.000225" aluminum foil laminated to a base paper stock. Provides an uncoated paper printing surface with a thin metallic barrier for maximum resistance and durability.	3.7	70	27	15	45	50
Pli-A-Print®	Latex-impregnated clay-coated flexible paper. High internal strength and moisture resistance. Good conformability and flexibility. Fair printability with solvent/water-based flexographic, screen and offset. Not recommended with UV ink systems, letterpress printing or imprinting.	3.2	59	20	15	48	50
Premium Laser-Rite™	Quality matte coated litho featuring high opacity for OCR and bar code applications. The clay-coated paper provides good toner anchorage and can be matrix stripped with proper care. Designed for most high speed, sheet-fed laser printers. Note: See "Laser Product Recommendations" on page 3.	3.6	60	32	17	60	64

Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Premium Matte Laser	Quality matte-coated litho paper featuring high opacity for OCR and bar code applications. The clay-coated paper provides for good toner anchorage and can be matrix-stripped with proper care. Designed for most high-speed, sheet-fed laser printers.	3.6	60	32	17	60	64
RexFlex™ Gold	Premium finish, metallized paper with a modified acrylic topcoating. Prints very well with flexographic. Prints fair with letterpress, screen and offset. Compatible with UV ink systems. Not intended for imprinting.	2.7	59	29	20	44	45
Scrip Label	Smooth, blue-white uncoated paper facesheet provides for excellent toner anchorage. It's high strength makes matrix stripping easy. Combines opacity, flexibility and brightness to meet the needs of the joined web, prescription label market.	3.37	48	24	17.5	55	50
Semi-Gloss (54#)	Supercalendered, lightweight, coated facestock offering a balance of economy and performance. It has enhanced opacity, brightness, smoothness, gloss and stiffness. Designed to excel at today's 133/150 line screen standard for water-based, UV flexographic, and UV letterpress color process printing.	2.7	53	23	13	46	49
Semi-Gloss PCW 30 (54#)	A supercalendered, lightweight, coated facestock offering a balance of economy and performance. Contains 30% Post Consumer Waste. This sheet is designed to excel at today's 133/150 line screen standard for water-based, UV flexographic and UV letterpress color process printing.	2.8	54	32	13.5	45	45
Semi-Gloss Elite™ (60#)	Bright blue-white super calendered paper. Designed to bridge the gap between low- and high-end process printing, up to 175 line screen. This sheet prints well with water-based Flexo, UV Flexo, and UV Letterpress inks. Has improved smoothness while maintaining strength for good converting and dispensing.	3.1	60	35	19	47	46
Semi-Gloss Elite™ DTC (60#)	A calendered, coated one-side semi-gloss paper. The surface has been optimized for printing pressure sensitive labels on HP Indigo ws2000, ws4000 and ws4050 digital color presses. This digitally topcoated (DTC) paper is HP Indigo certified and has a one year shelf life.	3.1	60	35	16	45	55
 Semi-Gloss Elite™ PCW (60#)	A supercalendered, coated facestock containing 30% Post Consumer Waste. This sheet is designed to excel at today's 133/150 line screen standard for water-based, UV flexographic and UV letterpress color process printing.	3.1	59	38	15.5	47	55
Semi-Gloss Laser	Smooth super-calendered kraft stock, designed to optimize flexographic printing while maintaining strength for good convertibility. Prints well with flexographic and letterpress. Note: See "Laser Product Recommendations" on page 3.	2.7	53	23	13	46	49
Silverback	Reverse-coated 0.000225" aluminum foil laminated to a base paper stock. Provides an uncoated paper printing surface with a thin metallic barrier for maximum resistance and durability.	3.7	70	27	15	45	50
Smudgeproof Pli-A-Print®	Latex-impregnated paper with a smudge-resistant coating for computer imprinting. Fair printing with solvent/water-based flexographic, letterpress, screen and offset. Not recommended for UV flexographic or UV varnishes.	3.8	61	24	20	50	55
SP-XTRA™	Coated, latex-impregnated sheet designed for moderate speed converting. Offers fair printing with all technologies and ink systems. Slightly stiffer and offers better smudge resistance than Smudgeproof Pli-A-Print®.	3.8	56	28	20	58	59
Standard Laser-Rite™	Uncoated facestock providing excellent toner anchorage. Designed to process through most medium to high-speed sheet-fed laser printers. May also be used in continuous-form laser printers. Note: See "Laser Product Recommendations" on page 3.	3.1	44	29	19	52	59

Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Standard Ultralite	Uncoated facestock providing improved toner anchorage. 35# liner for improved feeding through desktop laser printers and copiers. Note: See "Laser Product Recommendations" on page 3.	3.1	44	17	17	60	60
Tag (8 Pt.)	Bright white coated tag stock suitable for applications requiring a stiff facestock with high internal strength. Prints well using screen, offset and solvent/water-based flexographic. Fair printability using UV ink systems. Not recommended for imprinting.	8.0	119	60	35	175	150
Tag PCW (8 Pt.)	Eco-friendly, bright white coated tag stock suitable for applications requiring a stiff facestock with high internal strength. Prints well using screen, offset and solvent/water-based flexographic. Fair printability using UV ink systems. Not recommended for imprinting. Contains 10% post-consumer waste.	8.0	133	75	40	151	170
Tag (10 Pt.)	A white, tag stock suitable for applications requiring a stiff facestock with high internal strength.	10.0	122			160	170
Trans-Therm® C	Ultra-smooth coated facestock providing premium bar code printing for medium-speed printers. This stock will also print on UV letterpress equipment and offers some water resistance. Smudge resistance has been optimized for a coated paper, but caution is recommended with contact scanners.	2.5	45	28	17	44	47
Trans-Therm® CX	A bright white thermal transfer receiver paper with a unique ultra-smooth coating designed for maximum bar code resolution, flexographic printability and improved die life. Increased tensile strength and stiffness support both high-speed converting and label dispensing.	2.6	47.3	30	14	45	49
Trans-Therm® 1C	Ultra-smooth coated facestock providing premium bar code printing for high- and medium-speed printers. This stock will also print on UV letterpress equipment and offers some water resistance. Smudge resistance has been optimized for a coated paper, but caution is recommended with contact scanners.	3.0	47	28	17	39	50
Trans-Therm® 2	White ultra-smooth uncoated paper stock, designed for use in thermal transfer ribbon printers. Provides a high degree of smoothness for print quality and absorbivity for smudge and abrasion resistance.	2.8	49	31	16	43	45
Trans-Therm® 2C	An Avery Dennison exclusive. Bright white, ultra-smooth coated paper offering high thermal transfer printing quality and excellent floodcoat capabilities. Offers good smudge resistance in slow to high-speed printers.	3.2	58.5	30	17	46	52
Trans-Therm® Fluorescent	Ultra-smooth fluorescent coated label stock designed for thermal transfer printing. Available in red, orange, green, chartreuse and pink.	4.0	65	32	16	62	66
Tree Free	White uncoated paper made from a combination of bamboo, bagasse and cotton linters that provides a printed appearance ideal for wine, high-end beverages and gourmet foods.	4.9	68	19.5	14		
Tamper Resistant Gloss	Destructible cast-coated high-gloss stock.	4.0	60	26	16	55	60
Tamper Resistant Litho	Highly destructible coated-one-side (C1S) litho stock. Good solvent/water-based flexographic and screen printing. Fair UV flexographic, letterpress and offset printing. Good impact printing. Not recommended for toner printing.	3.2	50	20	8	30	38



Paper Facestocks

Facestock	Description	Caliper (mil)	Basis Weight (lb)	Tensile MD	Tensile CD	Tear MD	Tear CD
Tamper Resistant Litho (60#)	Coated litho paper for UL Type-L labels. Good solvent/ water-based flexographic and screen printing. Fair UV flexographic and letterpress printing. Not recommended for offset printing. Good converting characteristics.	3.6	60	32	17	60	64
Uncoated Litho	A bright white uncoated litho stock for economy labels where color tinting and fast variable imprinting are required.	3.7	50	41	20	56	60
White Shursheen	Pearlescent, smooth, coated gloss paper used primarily for high quality flexographic printed labeling applications.	3.15	60				
Yellow High Gloss	Yellow mirror-finish cast-coated facestock for high-quality printing.	3.9	60	26	13	50	65

Film Facestocks

Facestock	Description	Caliper (mil)
Acetate TE (1.5 & 2 Mil) Clear	Clear, cast acetate film with a smooth matte surface. Features a good contact clarity with a low gloss appearance and excellent printability. Recommended for indoor use only.	1.5 or 2.0
Battery Label Olefin (4 Mil)	White polyolefin film offering exceptional thermal transfer imaging and rotary press processing.	4.0
Battery Label Vinyl (4 Mil)	White semi-rigid non-topcoated film that requires a converter-applied topcoat for ink receptivity. Is less pliable and has lower tear strength than flexible vinyl, but has improved heat resistance and dimensional stability. Good outdoor weather resistance. Normally does not require topcoating for flexographic printing. Not recommended for process printing by rotary letterpress.	3.4
Bright Chrome Polyester TC (1 & 2 Mil)	Topcoated bright metallic film featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for thermal transfer printing applications with select ribbons.	1.0 or 2.0
Brushed Chrome Polyester TC (2 Mil)	Topcoated polyester with a rich brushed stainless steel appearance. Features excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most flexographic, letterpress, and screen inks. Suitable for thermal transfer printing applications with select thermal transfer ribbons.	2.0
Clear BOPP DTC (2 Mil)	Ultra-clear, semi-conformable, digitally topcoated olefin film designed to provide the no-label look on glass, along with clear and dark-colored rigid plastic containers. The surface has been optimized for printing pressure-sensitive labels on HP Indigo® WS digital color printers.	2.0
Clear BOPP TC (2 Mil)	Ultra-clear topcoated, biaxially oriented, co-extruded polypropylene film. Featuring excellent moisture resistance and good diecutting and dispensing characteristics. Designed for printing with many web screen, UV letterpress, flexographic solvent and water based inks, thermal transfer resin based or wax/resin combination ribbons.	2.0
Clear Flexible Vinyl NTC - Outdoor (4 Mil)	Available in either topcoated or non-topcoated form, clear 2-year flexible vinyl for screenprint applications.	4.0
Clear MDO (3 Mil)	Corona-treated, flexible, matte clear machine-direction oriented polyolefin film providing exceptional dimensional stability. The matte appearance of this film can be modified to achieve a clear look through the application of a gloss UV varnish. Provides full conformability for use in a wide range of applications including prime label. The engineered print skin on this film is suitable for water flexo, UV flexo, UV rotary screen, UV letterpress and solvent based print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	3.0
Clear Polyester TC (1 Mil & 2 Mil)	Highly transparent topcoated film featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for thermal transfer printing applications with select ribbons.	1.0 or 2.0
Clear Print-Treated Polyester (1 & 2 Mil)	Highly transparent film featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed to enhance printability with solvent- and water-based flexographic ink systems. Also provides enhanced UV letterpress printability. Suitable for thermal transfer printing applications with select ribbons.	1.0 or 2.0
Copy Code™ 1450F TC	White flexible vinyl featuring a specially designed topcoat suitable for high-speed impact printing operations.	3.4
Copy Code™ Chrome Polyester	Matte metallized polyester film featuring a specially designed topcoat suitable for high-speed impact printing operations. Recommended for indoor or outdoor use where maximum abrasion resistance is required. Printable with most flexographic film inks. Suitable for thermal transfer printing applications with select wax and wax/resin combination ribbons.	2.0
Copy Code™ Clear Polyester	Matte clear polyester film featuring a specially designed topcoat suitable for high-speed impact printing operations. Recommended for indoor or outdoor use where maximum abrasion resistance is required. The topcoat is designed to accept laser, dot matrix, thermal transfer, screen and most flexographic film inks. Not recommended for letterpress printing.	2.0
Copy Code™ DLX & DLX IF	White polyolefin film with a durable computer-imprintable topcoat. Suitable for indoor or outdoor use. Printable with most flexographic film inks and impact printers. Recommended for drum label applications. CopyCode™ DLX IF has an inverted face and is used with Fasson S4600 adhesive.	4.0
Copy Code™ Drum Label & Drum Label AT	White semi-rigid vinyl featuring a specially designed topcoat suitable for high-speed impact printing operations. These products are the same facestock utilizing different adhesives.	4.0
Copy Code™ II White Polyester	Matte white polyester film featuring a specially designed topcoat suitable for high-speed impact printing operations and enhanced flexographic printability. Recommended for indoor or outdoor use where maximum abrasion resistance is required. The special coating is less abrasive than standard Copy Code™ Polyesters. Note: See "Laser Product Recommendations" on page 3.	2.0
Crystal FasClear® TC	Topcoated, flexible, crystal clear machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a gloss appearance and provides full conformability for use in a wide range of applications including prime label. This film is suitable for water flexo, UV flexo, UV rotary screen and UV letterpress print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
Crystals Polyester (2 Mil)	Polyester metallized film embossed with a specific holographic pattern. Both sides of the polyester film have been pre-treated to promote adhesive and ink adhesion.	2.0

Film Facestocks

Facestock	Description	Caliper (mil)
Direct-Therm 200K 2.8 Mil	Smooth, bright white BOPP base film coated with a medium-sensitivity thermal layer. Topcoated to provide excellent environmental resistance.	2.8
Direct-Therm 200K (2.9 & 3.2 Mil)	Smooth bright white Kimdura® base film coated with a medium-sensitivity thermal layer. Topcoated to provide excellent environmental resistance. Is suitable for use in both semi-automatic and hand applied labeling applications.	2.9 or 3.2
 EarthFirst® PLA (Clear)	FDA compliant, high gloss printable clear film facestock made from natural biopolymers derived from corn. Additional film features include heat sealable, aroma barrier and flavor retention properties creating an excellent match for PLA containers and clamshells.	2.0
 EarthFirst® PLA (White)	FDA compliant, high gloss printable white film facestock made from natural biopolymers derived from corn. Additional film features include heat sealable, aroma barrier and flavor retention properties creating an excellent match for PLA containers and clamshells.	2.0
FasClear® 250	Corona-treated, flexible, matte clear machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a matte appearance and provides full conformability for use in a wide range of applications including prime label. The engineered print skin on this film is suitable for water flexo, UV flexo, UV rotary screen, UV letterpress and solvent based print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
FasClear® 350	Corona-treated, flexible, matte clear machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a matte appearance and provides full conformability for use in a wide range of applications including prime label. The engineered print skin on this film is suitable for water flexo, UV flexo, UV rotary screen, UV letterpress and solvent based print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	3.5
Global Co-Ex™ Clear	Corona treated, flexible, crystal clear machine-direction oriented polyolefin film providing exceptional dimensional stability. It features a gloss appearance and provides moderate conformability for use in a wide range of applications including prime label. This film is suitable for water flexo, UV flexo, UV rotary screen and UV letterpress print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
Global Co-Ex™ Clear TC	Topcoated, flexible, crystal clear machine-direction oriented polyolefin film providing exceptional dimensional stability. It features a gloss appearance and provides moderate conformability for use in a wide range of applications including prime label. This film is suitable for water flexo, UV flexo, UV rotary screen and UV letterpress print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
Global Co-Ex™ White	Corona treated, flexible, opaque white machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a gloss appearance and provides moderate conformability for use in a wide range of applications including prime label. This film is suitable for water flexo, UV flexo, UV rotary screen and UV letterpress print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
Global Co-Ex™ White TC	Topcoated, flexible, opaque white machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a gloss appearance and provides moderate conformability for use in a wide range of applications including prime label. This film is suitable for water flexo, UV flexo, UV rotary screen and UV letterpress print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
Gloss Clear Laser Polyester TC (1 & 2 Mil)	Topcoated clear laser polyester film. In addition to exceptional laser imprintability, this face material combines very good clarity with excellent heat resistance and durability. Note: See "Laser Product Recommendations" on page 3.	1.0 or 2.0
Laser Code™ Drum Label	White flexible vinyl designed for use in continuous or desktop laser printing applications. Requires a converter-applied topcoat for ink and toner receptivity. Note: See "Laser Product Recommendations" on page 3.	3.4
Laser Code™ Drum Label TC	White flexible vinyl supplied with a special water-based matte topcoat offering excellent toner anchorage and flexographic ink printability. Designed for use in continuous or desktop laser printing applications. Note: See "Laser Product Recommendations" on page 3.	3.4
Laser Code™ Matte Clear Shelf Marker Label	Non-topcoated, frosty clear flexible vinyl designed for universal performance in desktop laser printing and shelf marking applications. The facestock requires a converter applied topcoat for ink and toner receptivity. Note: See "Laser Product Recommendations on page 3"	3.25
Laser Code™ White Shelf Marker Label	White, non-topcoated flexible vinyl designed for universal performance in desktop laser printing and shelf marking applications. The facestock requires a converter applied topcoat for ink and toner receptivity. Note: See "Laser Product Recommendations on page 3"	3.0 or 3.2
Laser Code™ White Shelf Marker Label TC	White, flexible vinyl supplied with a special water-based matte topcoat offering excellent toner anchorage and flexographic ink printability. The product is designed for universal performance in desktop laser printing and shelf marking applications. Note: See "Laser Product Recommendations on page 3"	3.2
Laser Code™ White Polyester	Matte white polyester film featuring a specially designed topcoat suitable for laser printing operations. Recommended for indoor or outdoor use where maximum abrasion resistance is required. Printable with most flexographic film inks. Note: See "Laser Product Recommendations" on page 3.	2.0

Film Facestocks

Facestock	Description	Caliper (mil)
Matte Aluminum Foil TC (1.6 Mil)	Hard foil, topcoated for excellent printability. Suitable for computer-imprintable applications.	1.6
Matte Chrome Checkerboard Polyester TC (2 Mil)	Topcoated matte metallic tamper evident PET incorporating a pattern release layer which yields a 3mm checkerboard pattern for tamper evidency when removed from a substrate. Featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for UV letterpress and thermal transfer printing applications with select ribbons.	2.0
Matte Chrome Polyester TC (1 & 2 Mil)	Topcoated matte metallic film featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for thermal transfer printing applications with select ribbons.	1.0 or 2.0
Matte Chrome Void Polyester TC (2 Mil)	Topcoated matte metallic tamper evident PET incorporating a pattern release layer which yields the word "VOID" for tamper evidence when removed from a substrate. Featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for UV letterpress and thermal transfer printing applications with select ribbons.	2.0
Matte Clear Acetate (1.5 Mil)	Cast acetate film with a smooth matte surface. Features a good contact clarity with a low gloss appearance. Recommended for indoor use only.	1.5
Matte Clear Laser Polyester TC (1 & 2 Mil)	Topcoated matte clear laser polyester film. In addition to exceptional laser imprintability, this face material combines a hazy clear appearance with excellent heat resistance and durability. Note: See "Laser Product Recommendations" on page 3.	1.0 or 2.0
Matte Polyester (1 Mil)	Non-topcoated matte clear polyester overlaminating film providing a matte solvent-and abrasion-resistant finish to labels.	1.0
Matte Tan Polyimide TC (2 Mil)	High performance matte topcoated film facestock featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed for applications which require durable printing, high temperature performance and resistance to corrosive solvents. Suitable for printing with most solvent- and some water-based flexographic inks. Also suitable for dot matrix and thermal transfer printing with select ribbons.	2.0
Matte White BOPP TC (3 Mil)	Topcoated matte white, biaxially oriented polypropylene film offering exceptional thermal transfer printing characteristics. Suitable for HP Indigo printing. Not recommended for exposure to solvents.	3.0
Matte White Polyester TC (2 Mil)	Matte topcoated homogeneously pigmented white polyester facestock featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed for printing with most solvent, water-based and UV flexographic inks. Suitable for dot matrix, laser and thermal transfer printing applications with select toners and ribbons.	2.0
Matte White Polyimide TC High Temperature (1 & 2 Mil)	High performance matte topcoated film facestock featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed for applications requiring durable printing, high temperature performance and resistance to corrosive solvents. It offers excellent scuff, scratch and UV resistance. Suitable for printing with most solvent- and some water-based flexographic inks. Also suitable for dot matrix and thermal transfer printing with select ribbons.	1.0 or 2.0
Matte White Synthetic Paper (3 Mil)	Matte white synthetic material is a matte finished, opaque white polypropylene synthetic material. Featuring the look and feel of paper and the moisture-resistance of a film. Offers excellent strength and opacity. Designed for flexographic, letterpress, screen print methods as well as dot matrix and thermal transfer printing with select ribbon.	3.0
Matte White Synthetic TE	Clay-coated HDPE with low internal bond/cohesion strength, allowing the face to delaminate and shred upon attempted removal. The biaxial orientation provides for enhanced matrix stripping over other more frangible films.	4.1
Metallized BOPP TC (2 Mil)	Topcoated metallized biaxially oriented polypropylene film designed to provide mirror-like reflectivity in prime labeling applications.	2.0
Olefin TT (3 Mil)	White polyolefin film offering exceptional thermal transfer imaging. Suitable for use in both semi-automatic and hand-applied labeling applications.	3.0
PE 85 Clear NTC	Corona treated, flexible, clear polyethylene film with medium gloss appearance. Full conformability for use in a wide range of applications including prime label. Suitable for water flexo, UV flexo, UV rotary screen and UV letterpress print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	3.4
Platinum Print-Treated Polyester (2 Mil)	Smooth surface gray-colored film featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed to enhance printability with solvent- and water-based flexographic ink systems. Also provides enhanced UV letterpress printability. Suitable for thermal transfer printing applications with select ribbons.	2.0
PRIMAX® 250	Corona-treated, flexible, opaque white machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a matte appearance and provides full conformability for use in a wide range of applications including prime label. The engineered print skin on this film is suitable for water flexo, UV flexo, UV rotary screen, UV letterpress and solvent based print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	2.5
PRIMAX® 350	Corona-treated, flexible, opaque white machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a matte appearance and provides full conformability for use in a wide range of applications including prime label. The engineered print skin on this film is suitable for water flexo, UV flexo, UV rotary screen, UV letterpress and solvent based print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	3.5

Film Facestocks

Facestock	Description	Caliper (mil)
Rainbow Polyester (2 Mil)	Polyester metallized film embossed with a specific holographic pattern. Both sides of the polyester film have been pre-treated to promote adhesive and ink adhesion.	2.0
Reveal™ (1.5 Mil)	Completely transparent printable polyester film designed to replace direct screen printing, hot stamping and ceramic decorating of containers. Printable with flexographic and UV letterpress inks.	1.5
SCANback™	Retro-reflective polyester film facestock designed to reflect light back to its source. Inherently printable with rotary press and thermal transfer. Meets or exceeds L-S-300C, Table IV, Reflectivity 3.	5.5
SCK Throwaway (40#)	Super-calendered kraft paper used as strip/throw-away liner for transfer tape constructions.	2.5
Silver Checkerboard Polyester TC (2 Mil)	Topcoated bright silver metallic tamper evident PET film incorporating a pattern release layer which yields a 3mm checkerboard pattern for tamper evidence when removed from a substrate. Featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for thermal transfer printing applications with select ribbons.	2.0
Silver Voidable Polyester TC (2 Mil)	Topcoated mirror-finish silver polyester film incorporating a pattern release layer which yields the word "VOID" for tamper evidence when removed from a substrate. The facestock is specially topcoated to enhance flexographic, UV letterpress, laser and thermal transfer printing.	2.0
Smudgeproof Kimdura® (3.7 & 4.2 Mil)	White biaxially oriented three-ply polypropylene film specially treated for computer imprintability. Suitable for dot matrix and thermal transfer printing applications with select ribbons.	3.7 or 4.2
Sparkles Polyester (2 Mil)	Polyester metallized film embossed with a specific holographic pattern. Both sides of the polyester film have been pre-treated to promote adhesive and ink adhesion.	2.0
Super Clear Polystyrene (2 Mil)	Clear film liner used as a clear middle ply in some multi-ply/piggyback products. Film's stiffness allows for easy converting and dispensing.	2.0
Tamperfas™ Vinyl	Matte white film designed specifically for security labeling. Care should be taken in qualifying a particular die configuration to ensure proper stripping.	2.0
TransCode® Clear (3.5 Mil)	Corona-treated matte clear polyolefin film offering exceptional thermal transfer and rotary press printability.	3.5
TransCode® Clear II (2.5 Mil)	Corona-treated matte clear polyolefin film offering exceptional thermal transfer and rotary press printability. Restricted to hand-apply applications only.	2.5
TransCode® Plus Clear (3 Mil)	Corona-treated clear polyolefin thermal transfer printable film specially engineered to retain stiffness for dispensability while being economically priced.	3.0
TransCode® Plus Matte Clear (3 Mil)	Corona-treated matte clear polyolefin thermal transfer printable film specially engineered to retain stiffness for dispensability while being economically priced.	3.0
TransCode® Plus White (3 Mil)	Corona-treated white polyolefin thermal transfer printable film specially engineered to retain stiffness for dispensability while being economically priced.	3.0
TransCode® White (3.5 & 4 Mil)	White polyolefin thermal-transfer-printable film specially engineered to use a variety of thermal transfer ribbons. Suitable for indoor and outdoor use.	3.5 or 4.0
TransCode® White II (2.5 Mil)	Corona-treated white polyolefin film offering exceptional thermal transfer and rotary press printability. Restricted to hand-apply applications only.	2.5
Tyvek®, White (8 Mil)	Opaque white spunbonded polyolefin film with exceptional tear strength and moisture resistance. Ideal for labeling applications requiring high tear strength.	7.6
Tyvek® Brillion® (7.5 Mil)	Opaque white spunbonded polyolefin film with exceptional tear strength and moisture resistance. Ideal for labeling applications requiring high tear strength. It has the performance of standard Tyvek®, but has a whiter, smoother surface which provides improvements in print quality with offset, flexo and thermal transfer.	7.5
Velvet Lexan® (3 & 5 Mil)	Polycarbonate overlaminating film featuring a textured, velvet finish. Provides superior abrasion resistance and protection to finished label constructions.	3.0 or 5.0
White BOPP DTC (2.3 & 2.6 Mil)	White biaxially oriented polypropylene film with digital top coat for rigid containers where durability is needed. The surface has been optimized for printing pressure sensitive labels on HP Indigo ws2000 and ws4000 digital color presses.	2.3 or 2.6
White BOPP NTC (2.6 Mil)	White biaxially oriented polypropylene film used for rigid containers where durability is needed.	2.6
White BOPP TC (2.3 Mil)	Heat-set biaxially oriented co-extruded polypropylene film with good opacity and a bright white high gloss background. The surface has been topcoated to give superior printability by flexographic, gravure, silk-screen and letterpress processes, using a wide variety of different inks. Excellent moisture resistance and good die cutting and dispensing characteristics.	2.3
White BOPP TC (2.6 Mil)	Topcoated white biaxially oriented polypropylene film for rigid containers where durability is needed.	2.6

Information listed is subject to change.

Film Facestocks

Facestock	Description	Caliper (mil)
White Checkerboard Polyester TC (2 Mil)	Topcoated opaque white tamper evident PET film incorporating a pattern release layer which yields a 3mm checkerboard pattern for tamper evidence when removed from a substrate. Features excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for thermal transfer printing applications with select ribbons.	2.0
White Flexible Vinyl (4 Mil)	Available in either topcoated or non-topcoated form. It is pliable, has good tear strength and weather resistance, but relatively low heat resistance. Care must be taken in adhesive selection to ensure good dimensional stability. UV topcoating not recommended for process printing by rotary letterpress.	3.4
White MDO (3 Mil)	Corona-treated, flexible, opaque white machine-direction oriented polyolefin film providing exceptional dimensional stability. Features a matte appearance and provides full conformability for use in a wide range of applications including prime label. The engineered print skin on this film is suitable for water flexo, UV flexo, UV rotary screen, UV letterpress and solvent based print methods. Caution is recommended when applying inks out to the edge of the label, particularly UV screen inks and UV cured varnishes. High shrink coatings can cause labels to lift off of the liner or substrate.	3.0
White Nylon Cloth (4.5 Mil)	Matte white polyamide-topcoated nylon cloth which is dot matrix, thermal transfer, and pen printable. The facestock is very flexible to conform to small diameter vials and is only available as part of the full Cryogenic construction.	4.5
White Polyester TC (1 & 2 Mil)	Topcoated white facestock featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed for printing with most solvent and some water-based flexographic inks. Suitable for thermal transfer printing applications with select ribbons.	1.0 or 2.0
White Polyimide TC (2 Mil)	High performance topcoated film facestock featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed for applications which require durable printing, high temperature performance and resistance to corrosive solvents. Suitable for printing with most solvent and some water-based flexographic inks and for thermal transfer printing with select ribbons.	2.0
White Polyimide TC High Temperature (1 & 2 Mil)	High performance topcoated film facestock featuring excellent tear strength, heat resistance, dimensional stability and chemical resistance. Designed for applications which require durable printing, high temperature performance and resistance to corrosive solvents. Able to withstand surface mount circuit board processes on either the top or bottom side of the board using high temperature lead-free solder. Suitable for printing with most solvent and some water-based flexographic inks and for thermal transfer printing with select ribbons.	1.0 or 2.0
White Polypropylene (2.3 Mil)	Heat set biaxially-oriented, coextruded polypropylene film with good opacity and a bright white gloss. The surface has been topcoated to provide superior printability by flexographic and thermal transfer methods. This facestock is resistant to many chemicals, including xylene, isopropanol, dimethyl sulfoxide, and 10% hydrochloric acid and is only available as part of the full Cryogenic construction.	2.3
White Print-Treated Polyester (2 Mil)	Pigmented white facestock featuring excellent tear strength, heat resistance, dimensional stability, opacity and chemical resistance. Designed to enhance printability with solvent and water-based flexographic ink systems and UV letterpress printability. Suitable for thermal transfer printing applications with select ribbons.	2.0
White Semi-Rigid Vinyl (4 Mil)	Available in either topcoated or non-topcoated form. It is less pliable, has lower tear strength than flexible vinyl, but improved heat resistance and dimensional stability. Weather resistance is also good. Normally does not require topcoating for flexographic printing. UV topcoating not recommended for process printing by rotary letterpress.	3.4
White Voidable Polyester TC (2 Mil)	Topcoated white polyester film incorporating a pattern release layer which yields the word "VOID" for for tamper evidence when removed from a substrate. The facestock is specially topcoated to enhance flexographic, UV letterpress, laser and thermal transfer printing.	2.0

Permanent Adhesives

Adhesive	Description	Technology	Minimum Application Temperature	Service Temperature Range
AT1	Cold temperature adhesive featuring good die cutting and stripping characteristics; permanent at cold and room temperatures after 24 hours. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	-10°F -23°C	-65° to +200°F -53° to +93°C
AT20	All-temperature adhesive developed to provide good room temperature and excellent cold temperature performance without sacrificing good die cutting and stripping properties. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	-20°F -28°C	-65° to +200°F -53° to +93°C
AT20A	This lightweight coat version of Fasson® AT20 is an all-temperature adhesive with good room temperature and excellent cold temperature performance without sacrificing good die cutting and stripping properties. Excellent for textile applications. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	-20°F -28°C	-65° to +200°F -53° to +93°C
C0196	Permanent acrylic adhesive specifically designed to adhere to plastic and glass substrates when using liquid nitrogen during deep freeze cryogenic processes. The adhesive will withstand temperatures of -196° to +90° C. The adhesive will also withstand conditions such as dry ice (-80° C, -112° F), steam autoclave and gamma radiation.	Solvent Acrylic	-20°F -28°C	-320° to 190°F -196° to 90°C
C2075	Freezer-grade permanent adhesive designed to combine optimum cold-temperature performance with good die-cutting and stripping characteristics. The adhesive is compatible with a variety of facestocks.	Hot Melt Rubber	0°F -18°C	-65° to +160°F -53° to +71°C
C2500	Rubber-based adhesive featuring high initial tack and ultimate bond strength to a wide variety of substrates including low surface energy plastics, treated glass and corrugated. The 25°F minimum application temperature covers the vast majority of prime label requirements. Features excellent high speed/wide web converting characteristics.	Hot Melt Rubber	+25°F -3C	-65° to +160°F -53° to +71°C
C2510	Engineered specifically for cold, damp environments typical of dairies. Features high initial tack and ultimate bond strength to a wide variety of substrates including low surface energy plastics, glass and corrugated. Offers very good high-speed / wide-web converting characteristics.	Hot Melt Rubber	+25°F -3°C	-65° to +160°F -53° to +71°C
E828	A permanent adhesive offering high initial tack, minimal cold flow, and excellent mandrel holding power.	Emulsion Acrylic	+50°F +10°C	-65° to +250°F -53° to +121°C
E898	Permanent adhesive designed for pharmaceutical applications. Features high initial tack, ultimate adhesion and excellent mandrel hold on small diameter substrates. Adhesives crystal clear appearance remains throughout the autoclave process. Meets the requirements of FDA 21 CRF 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-40° to +200°F -53° to +93°C
FA20	Permanent adhesive developed to combine the optimum in cold temperature performance with good die cutting and stripping characteristics. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Hot Melt Rubber	0°F -17°C	-65° to 160°F -53° to +71°C
FDA-815K	High strength clear adhesive with excellent flow characteristics as well as superior UV, solvent and moisture resistance. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Acrylic	+50°F +10°C	-40° to +200°F -40° to +93°C
FDA-815PL	High strength, clear adhesive with excellent flow characteristics. Excellent UV, solvent, and moisture resistance; has a photoluminescent additive. The photoluminescent characteristics of this adhesive will degrade with exposure to direct light during storage. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Acrylic	+50°F +10°C	-40° to +200°F -40° to +93°C
FDA-815S	Clear adhesive featuring good initial tack, moderate shear, minimum cold flow and the ability to adhere to a wide variety of substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Acrylic	+50°F +10°C	-40° to +200°F -40° to +93°C
Hammerlock™	Highly aggressive permanent adhesive specifically designed for difficult surfaces, such as wood and textured substrates. Not recommended for die cutting and stripping. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Hot Melt Rubber	+30°F -1°C	-65° to +150°F -53° to +65°C
I406K	Clear aggressive permanent adhesive with high initial tack and ultimate adhesion to a wide variety of substrates. Fair chemical and UV resistance. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Rubber	+50°F +10°C	-40° to +200°F -40° to +93°C
LP430	General-purpose permanent adhesive with good adhesion to many substrates, particularly corrugated. The adhesive is resistant to high temperatures from laser printers and displays excellent die cutting and stripping characteristics. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact. Meets Recycling Compatible Adhesive (RCA) standard.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C



Permanent Adhesives

Adhesive	Description	Technology	Minimum Application Temperature	Service Temperature Range
P902	Permanent adhesive featuring excellent die cutting and stripping characteristics. Performs particularly well for pharmaceutical applications where excellent mandrel properties are required. This adhesive may discolor at temperatures above 140°F / 60°C.	Emulsion Acrylic	+32°F 0°C	-40° to + 176°F -40° to + 80°C
S100R	Permanent adhesive that is removable in minimum 100°F water. Developed with good initial tack and ultimate adhesion, allowing consumers or recyclers to remove the label after immersing in water hotter than 100° F. Removal times will vary due to differences in facestocks and substrates - can be as short as 30 seconds from HDPE products or as long as 5 minutes. Where removal is required, this adhesive is recommended for use on HDPE, polyvinyl chloride, polyester, Lexan®, stainless steel and glass. We do not recommend it for use on polypropylene or polystyrene, due to potential surface interaction that could cause the loss of water removability. This adhesive exhibits excellent die-cutting and stripping properties. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+20°F -6°C	-65° to +200°F -53° to +93°C
S246	Good general-purpose permanent adhesive featuring high initial tack and ultimate adhesion. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Hot Melt Rubber	+40°F +4°C	-65° to +160°F -53° to +71°C
S246B	This heavier coat version of Fasson® S246 is a good general-purpose permanent adhesive featuring high initial tack and ultimate adhesion. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Hot Melt Rubber	+40°F +4°C	-65° to +160°F -53° to +71°C
S333	Excellent general-purpose industrial-grade clear adhesive. Features high initial tack and ultimate adhesion as well as low adhesive ooze. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-40° to +300°F -40° to +148°C
S475	Clear adhesive offering high initial tack and cold temperature properties when applied to most packaging films. Features good UV resistance for outdoor use. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+10°F -12°C	-40° to + 176°F -40° to + 80°C
S490	General-purpose adhesive with good adhesion to many substrates, particularly corrugated. Provides excellent die cutting and stripping characteristics, especially on wide web applications. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact. Meets Recycling Compatible Adhesive (RCA) standard.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
S490A	General purpose adhesive with good adhesion to many substrates, particularly corrugated. Displays excellent diecutting and stripping characteristics, especially on wide-web applications. The "A" designation is a light coat weight often used in multi-ply constructions.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
S490M	General-purpose adhesive with good adhesion to many substrates, particularly corrugated. Provides excellent die cutting and stripping characteristics, especially on wide web applications. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
S490M-A	General purpose adhesive with good adhesion to many substrates, particularly corrugated. Provides excellent diecutting and stripping characteristics, especially on wide-web applications. The "A" designation is a light coat weight often used in multi-ply constructions.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
S517N	Clear adhesive featuring high initial tack, high shear, minimal cold flow and ultimate adhesion to a wide variety of substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact. Designed to withstand pasteurization.	Solvent Acrylic	+45°F +7°C	-40° to +300°F -40° to +148°C
S692N	Clear general-purpose permanent acrylic adhesive exhibiting a balance of high cohesive strength and adhesion to low surface energy substrates for lasting performance on squeezable containers. Specifically designed to exhibit excellent wet-out characteristics and short-term removability. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+23°F -5°C	-20° to +200°F -29° to +93°C
S727	Permanent adhesive featuring high initial tack, minimal cold flow and ultimate bond strength to a wide variety of surfaces. Offers excellent mandrel performance. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Acrylic	+50°F +10°C	-65° to +250°F -53° to +121°C
S730	Clear adhesive featuring good initial tack, high shear, minimal cold flow and ultimate adhesion to a wide variety of substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Acrylic	+45°F +7°C	-40° to +300°F -40° to +148°C
S814	Permanent adhesive based on high strength acrylic polymers featuring high initial tack and ultimate adhesion to a variety of substrates. Features excellent moisture and solvent resistance.	Solvent Acrylic	+50°F +10°C	-40° to +200°F -53° to +93°C

Permanent Adhesives

Adhesive	Description	Technology	Minimum Application Temperature	Service Temperature Range
S900	Clear emulsion acrylic general-purpose permanent adhesive that complies with FDA regulations for indirect food contact (CFR 175.105). Good initial tack and ultimate adhesion to a wide variety of substrates.	Emulsion Acrylic	+25°F -4°C	-40° to +200°F -40° to +93°C
S1000	Clear permanent adhesive specifically designed to exhibit excellent wet-out characteristics on clear films. Frequently used in the prime label market where squeezability and clear labeling is critical. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+10°F -12°C	-40° to +200°F -40° to +93°C
S2001	Clear permanent adhesive designed for prime labeling including clear squeezable and clear facestock applications. Designed to provide short term re-positionability and good ultimate adhesion to a wide variety of substrates. Meets the requirements of FDA 21 CFR 175.105.	Emulsion Acrylic	+25°F -3°C	-40° to +200°F -40° to +93°C
S2300	Permanent solvent acrylic adhesive offering high shear and excellent resistance to oils and fragrances.	Solvent Acrylic	+50°F +10°C	-40° to +350°F -40° to +177°C
S2501	Versatile general-purpose permanent adhesive designed for excellent adhesion to corrugated and good adhesion to plastics. Provides excellent initial tack without sacrificing high-speed, wide-web converting. For use with all information printing technologies including laser. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
S2831	High performance, acrylic-based adhesive featuring high ultimate peel values. Specifically designed to resist edge attack by solvents and chemicals used in printed circuit board manufacturing processes. Peel values increase dramatically after the printed circuit board is heated above 392° F (200° C).	Emulsion Acrylic	+50°F +10°C	-40° to > 350°F -40° to > 176°C
S3000	Clear permanent adhesive designed for prime labeling including squeezable and clear facestock applications. Designed for low ooze and high temperature resistance. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-40° to 176°F -40° to +80°C
S3025	Permanent adhesive featuring excellent adhesion and tack to corrugated and paper substrates, having moderate adhesion to difficult-to-label plastics. This adhesive is dispersible offering characteristics for water wash-off label applications. Meets TAPPI Standard UM213 for re-pulpability.	Emulsion Acrylic	+21°F -6°C	-40° to +176°F -40° to +80°C
S4600	Clear general purpose permanent adhesive featuring good initial tack and ultimate adhesion to a wide variety of substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+10°F -12°C	-40° to +300°F -40° to +148°C
S4750	General purpose acrylic adhesive featuring high adhesion and good mandrel hold to small diameter substrates.	Emulsion Acrylic	+40°F +4°C	-65° to +200°F -53° to +93°C
S4800	Highly aggressive permanent adhesive. Adheres especially well to polyolefins and other low surface energy substrates, including lumber. Designed for high-tack permanent adhesive applications.	Emulsion Acrylic	+32°F 0°C	-40° to +176°F -53° to +80°C
S4900	Clear general-purpose permanent adhesive with good initial tack and ultimate adhesion to a wide variety of substrates. Designed exclusively for industrial labeling applications. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-40° to +200°F -40° to +93°C
S6600	High performing emulsion acrylic adhesive is specifically engineered to adhere well to polypropylene battery casings. Offers high initial tack and very high shear along with low flow. Demonstrates superior chemical resistance to automotive fluids like gasoline, lubricants, water and other solvents.	Emulsion Acrylic	+30°F -1°C	-40° to +250°F -40° to +121°C
S7000	A clear general purpose permanent adhesive which provides a balance of release properties to enable high speed converting and dispensing on increasingly thinner substrates. Adhesion performance is designed for low surface energy substrates enabling lasting performance on squeezable containers. Specially designed to exhibit excellent wet-out characteristics, wather whitening resistance and enhanced removability from high surface energy containers when paired with certain facestocks.	Emulsion Acrylic	+25°F -3°C	-40° to +176°F -40° to +80°C
S7400	Clear permanent acrylic adhesive designed specifically for prime label applications which require resistance to water. Engineered to be applied to moist surfaces typically found in brewery (beer) applications. Maintains clarity through extended exposure to ice water (72 hours). This adhesive has excellent wetout, converting, stripping and dispensing characteristics.	Emulsion Acrylic	+25°F -3°C	-40° to +176°F -40° to +80°C

Information listed is subject to change.

Permanent Adhesives

Adhesive	Description	Technology	Minimum Application Temperature	Service Temperature Range
S8001	Clear permanent adhesive with balanced adhesion to a wide variety of substrates including: low surface energy plastics; engineering grade plastics; bare, coated, or painted metals; powder coat and enamel paints. Features good tack, along with chemical and UV resistance for outdoor industrial applications.	Emulsion Acrylic	+25°F -3°C	-30° to +300°F -34° to +148°C
S8015	High-strength clear adhesive featuring high initial tack, adhesion and shear. Offers strong permanent bonding to a wide variety of substrates including high surface energy (HSE), low surface energy (LSE) and powder-coated substrates. Excellent chemical and UV resistance.	Solvent Acrylic	+45°F +7°C	-30° to +300°F -34° to +149°C
S8015W	High-strength, opaque white adhesive featuring high initial tack, adhesion and shear. Offers strong permanent bonding to a wide variety of substrates including high surface energy (HSE), low surface energy (LSE) and powder-coated substrates. Excellent chemical and UV resistance.	Solvent Acrylic	+45°F +7°C	-30° to +300°F -34° to +149°C
S8020	Clear, permanent acrylic adhesive for overlaminating films. It exhibits a balance of high cohesive strength and adhesion to low surface-energy substrates. Specifically designed to exhibit excellent wetout characteristics, good yellowing resistance, and excellent clarity.	Emulsion Acrylic	+23°F -5°C	-40° to +300°F -40° to +148°C
S8025	Clear permanent adhesive with balanced adhesion to a wide variety of substrates including: low surface energy plastics; engineering grade plastics; bare, coated, or painted metals; powder coat and enamel paints. Features medium tack for good short-term repositionability, low ooze, and excellent chemical and UV resistance for outdoor industrial applications.	Solvent Acrylic	+40°F +4°C	-40° to +300°F -40° to +148°C
S8511	Specially engineered to minimize adhesive contamination in laser printers when used in label formats without waste matrix removal. Features good adhesion to a variety of substrates. Ideal for use in office applications.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
S9010N	A versatile general purpose permanent adhesive designed for excellent adhesion to corrugated cardboard and superior adhesion to plastics. Excellent initial tack without sacrificing high speed wide-web converting.	Emulsion acrylic	+25°F -3°C	-40° to +300°F -40° to +148°C
S9050	Permanent acrylic adhesive offering high initial tack and minimal cold flow. Has excellent adhesion and superior mandrel hold in a variety of decorative labeling applications.	Emulsion Acrylic	+50°F +10°C	-65° to +250°F -53° to +121°C
SOX2	Textile adhesive featuring excellent converting characteristics. Adhesive has been designed specifically for use in sockband rider applications. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+25°F -3°C	-65° to +200°F -53° to +93°C
TL2	Highly aggressive permanent adhesive designed specifically for tire label applications. Adhesive also provides excellent performance on hard-to-label substrates such as wood and carpet backing. Not recommended for die cutting and stripping. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Hot Melt Rubber	+35°F +1°C	-65° to +150°F -53° to +65°C
K7	Clear, ultra removable adhesive featuring excellent weatherability and UV resistance. Removes cleanly from a wide variety of substrates without staining or ghosting	Solvent Acrylic	+50°F +10°C	-40° to +200°F -40° to +93°C
LR180	Removable adhesive specially designed for clean removability from difficult-to-label substrates. The acrylic formulation provides excellent adhesive-free processing through high temperature fusers in most laser printers. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	-10°F -23°C	-65° to +200°F -53° to +93°C
R110	General-purpose removable adhesive with good initial tack. Designed primarily for shelfmarking applications.	Emulsion Acrylic	+50°F +10°C	-40° to +200°F -40° to +93°C
R128	General-purpose removable adhesive with high initial tack, internal strength and stable adhesion. With the exception of HDPE, this adhesive is recommended where clean removability is of primary importance. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Hot Melt Rubber	+10°F -12°C	-65° to 120°F -53° to +48°C
R130	Features moderately high tack and ultimate bond strength. This adhesive is good on curved surfaces and features clean removability from most substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Solvent Rubber	+40°F +4°C	0° to +120°F -17° to +48°C

Removable Adhesives

Adhesive	Description	Technology	Minimum Application Temperature	Service Temperature Range
R143	Clear general-purpose removable adhesive featuring moderate tack and clean removability from many substrates for up to six months. Also features low outgassing and chemical cleanliness.	Solvent Acrylic	+50°F +10°C	-40° to +250°F -40° to +121°C
R195	General-purpose removable adhesive featuring moderate initial tack and minimal adhesion build-up. Offers consistent adhesion and long-term removability across a wide variety of substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+40°F +4°C	-65° to +180°F -53° to +82°C
R300	Ultra removable, clear emulsion acrylic used where long-term removability is needed.	Emulsion Acrylic	+45°F +7°C	-40° to +176°F -40° to +80°C
R423	Removable adhesive featuring long-term removability and excellent die cutting and stripping characteristics from a variety of substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+10°F -12°C	-40° to +160°F -40° to +71°C
R3100	Clear, ultra removable adhesive featuring excellent weatherability and UV resistance. Removes cleanly from a wide variety of substrates without staining or ghosting.	Solvent Acrylic	+50°F -10°C	-40° to +200°F -40° to +93°C
R3500	Specially formulated acrylic adhesive designed for ease of removability from plastic packaging while maintaining good peel performance.	Emulsion Acrylic	+40°F -4°C	-0° to +200°F -17° to +93°C
R5195	General-purpose removable adhesive featuring moderate initial tack and minimal adhesion build-up. Offers consistent adhesion and long term removability on many substrates. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+40°F +4°C	-65° to +180°F -53° to +82°C
R5423	Removable adhesive featuring long-term removability and excellent die-cutting and stripping characteristics. Meets the requirements of FDA 21 CFR 175.105 for indirect food contact.	Emulsion Acrylic	+10°F -12°C	-40° to +160°F -40° to +71°C
UR2-BF	Ultra-removable, benzene-free adhesive featuring a consistent level of adhesion, as well as long-term removability and repositionability across a wide variety of substrates. Might not be suitable for curved surfaces. Remains removable for months, and labels can be removed and re-used several times.	Emulsion Acrylic	+20°F -6°C	-40° to +160°F -40° to +71°C
Z3000	Adhesive meets FDA175.105 and FDA 175.125B requirements. Specially designed for adhesion to fresh fruits and vegetables with edible skin. Does not meet the requirements of FDA 21 CFR 175.125A for direct food contact.	Hot Melt Rubber	+25°F -3°C	-65° to +160°F -53° to +71°C

Information listed is subject to change.

Release Liners

Liners	Description	Caliper (mil)	Back Printability
1, 1.2 & 1.5 Mil Polyester	Durable, hazy-clear polyester (PET) film liner featuring maximum strength and toughness. Used primarily for roll-to-roll, high-speed dispensing applications.	1.0, 1.2 or 1.5	N/R
2 Mil PET	Durable polyester liner suitable for high-speed diecutting and stripping applications. Used primarily for roll-to-roll, high-speed dispensing applications.	2	N/R
35#MF	Machine-finished (calendered) coated-two-sides (C2S) litho-type liner. Adds to the overall stability of the total construction for roll-to-sheet applications.	2.4	Good
40#BG	White bleached glassine liner with excellent roll label converting properties. Designed for low to medium speed dispensing. Not recommended for sheeted applications.	2.3	Good
40#CK	A bleached, calendered kraft stock featuring high internal strength, toughness and tear resistance. Used primarily for roll-to-roll label applications.	2.5	Good
40#LF	Acid-free lignin-free liner that adds to the overall stability of the total construction in roll-to-sheet applications. Designed for improved backside printability and will not flake or dust.	2.5	
40#NK	Brown unbleached super-calendered kraft liner. Features high internal strength and tear resistance. Not recommended for sheeted applications.	2.5	Fair
40#SCK	Bleached super-calendered kraft liner. Excellent die cutting and stripping, for roll-to-roll applications. Not recommended for sheeted applications.	2.5	Good
40#SCK ABC	Bleached super-calendered kraft liner. Excellent die cutting and stripping, for roll-to-roll applications. Not recommended for sheeted applications. Anti-block coating applied to the backside of the liner to prevent label transfer to the liner back when	2.5	N/R
44#PK	Poly-coated brown kraft liner. Specifically designed for high-speed automatic dispensing applications. Not recommended for sheeted or fan-fold applications.	3.2	Good
45#BG	White bleached glassine liner with excellent roll label converting properties. Designed for low to medium-speed dispensing. Not recommended for sheeted applications.	2.3	Good
44#LF	White uncoated kraft paper liner with good layflat and printability. Used in roll-to-sheet applications.	2.8	Good
45#LF	White uncoated kraft paper liner with exceptional layflat and good printability. Used for roll-to-sheet and fan-fold applications.	3.3	Good
46#LF	White uncoated kraft paper liner with exceptional layflat and good printability. Used for roll-to-sheet and fan-fold applications.	3.35	Good
45#BK	Bleached kraft liner with good printability, whiteness, fanfolding, and converting properties. Used in roll-to-roll and roll-to-fanfold applications.	2.8	Good
50#BRN	Super-calendered kraft paper with excellent roll label converting properties. Not recommended for sheeted applications.	3.2	Good
50#CK	Bleached calendered kraft stock featuring high internal strength, toughness and tear resistance. Ideally suited for marginal punching, perforating and fanfolding.	3.2	Excellent
50#MF	Machine-finished (calendered) coated liner adding to the overall stability of the total construction in roll-to-sheet applications.	3.4	Excellent
50#SCK	Bleached super-calendered kraft liner with very good die cutting and matrix stripping properties. Used for standard roll-to-roll and fan-fold applications requiring marginal punching and perforating. Not recommended for sheeted applications.	3.2	Good
53#LF	A white uncoated kraft paper liner with exceptional layflat and printability. Used for roll-to-sheet and fanfold applications.		
50#SCK ABC	Bleached super-calendered kraft liner with very good die cutting and matrix stripping properties. Used for standard roll-to-roll and fan-fold applications requiring marginal punching and perforating. Not recommended for sheeted applications. Anti-block coating applied to the backside of the liner to prevent label transfer to the liner back when rolls of labels are unwound. Generally used with film facestocks or heavy adhesive coat weights. Anti-Block-Coated (ABC) liner should not be used for fan-folded labels.	3.2	N/R
55#BG	Bleached white semi-translucent glassine paper with high density for excellent roll label converting and dispensability properties. Has good backside printability. Not recommended for sheeting. Very smooth surface provides clear adhesive wetout.	3.1	Good

Release Liners

Liners	Description	Caliper (mil)	Back Printability
55# Glassine	Bleached glassine white liner with excellent roll label converting properties. Not recommended for sheeted applications.	3.1	
57#MF	Machine-finished (calendered) liner adding to the stability of the overall construction in medium- to high-speed cut-sheet and continuous laser applications requiring marginal punching and perforating.	3.4	Good
60#MF	Machine-finished (calendered) coated liner adding to the overall stability of the total construction in roll-to-sheet applications.	4.1	Excellent
60#SCK	Super-calendered kraft white liner has excellent roll label converting properties. Designed for low- to medium-speed dispensing or hand applications. Not recommended for roll-to-sheet applications and is only available as part of the full Cryogenic construction.		N/R
65#PK	Polycoated white liner. Specifically designed for shelfmarking applications.	4.8	Good
65#MFLF	Bleached, coated-two-side liner suitable for die-cutting and stripping at moderate press speeds. Used primarily for sheeted applications where dimensional stability and lay flat are essential.	4.3	
78#CC	Calendered bleached kraft liner used primarily for roll-to-sheet applications, including cut-sheet laser.	4.9	Good
78#MF	Machine-finished (calendered) bleached kraft liner used primarily for roll-to-sheet applications, including cut-sheet laser.	4.9	Good
79#MF	Machine-finished (calendered) bleached kraft liner used primarily for roll-to-sheet applications, including cut-sheet laser.	4.6	Good
83#CC	Calendered bleached kraft liner used primarily for roll-to-sheet applications, including cut-sheet laser.	5.7	Good
88#MC	Machine calendared coated paper stock designed for excellent feedability through most desktop and high-speed laser printers. This liner demonstrates excellent layflat characteristics in all retail and grocery store environments.	5.6	Good
90#PK	Two sided polyethylene coated white kraft paper with micro-perforations through backside. Provides excellent layflat for sheet and roll-to-sheet applications. Not recommended for fanfolding.	7	Poor
91#PCK	Polycoated two side, bright white paper, treated on the backside with a special back coating to facilitate feedability through most desktop and high speed laser printers. Liner provides excellent layflat in all retail and grocery store environments.	6.8	Good
100# Tissue Back	A multi-layer poly-coated stock with a laminated tissue backing. Total basis weight is 100#. Designed for easy feeding through most desktop and high volume laser printers.	7.4	Good
FasImage™	One side polyethylene coated, carbonless image producing liner with a release coating on the polyethylene side. Will image under impact printing only.	4.0	
PET 30	Durable, hazy-clear polyester (PET) film liner featuring maximum strength and toughness. Used primarily for roll-to-roll, high-speed dispensing applications.	1.2	N/R
Ultraliner®	Extruded polyolefin liner specifically designed for high-speed dispensing.	2.4	Poor

Information listed is subject to change.

**Avery Dennison
Label and Packaging Materials**

8080 Norton Parkway
Mentor, Ohio 44060

800-944-8511 (U.S. & Canada)
52-55-5093-0100 (Mexico)

www.fasson.com



 **A Sustainable Advantage**
from Avery Dennison

A Sustainable Advantage from Avery Dennison is a mark by Avery Dennison Corporation, created to indicate that these products and materials have reduced environmental impact. For more specific information on Avery Dennison's sustainable solutions and corporate philosophy on sustainability, visit www.averydennison.com/sustainability.

©2012 Avery Dennison Corporation. All rights reserved. Fasson, and all other Avery brands, product names, codes and service program terms are trademarks of Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners.

1734, 11/12, PDF



Label and
Packaging Materials