

PRESSURE-SENSITIVE COMPONENT GUIDE



spinnaker 
A MACTAC COMPANY

A pressure-sensitive material manufacturer providing leading personalized service to the label printing and converting industry
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Name	Description	Caliper (mil)	Basis Wt. (#/3300ft ²)	Print Type
PAPERS				
40# Semi Gloss	A highly flexible semi gloss featuring exceptional gloss and a very smooth print surface. Recommended for tight mandrel applications.	2.2	40.5	Flexo
45# CTT	A premium, coated sheet that has excellent thermal transfer imaging with a wide range of ribbons, and superior flexo printability.	3.0	45	Flexo Thermal Transfer
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.	3.0	45	Flexo Thermal Transfer
48# CTT	A premium C1S, thermal transfer stock designed with excellent imaging properties for all thermal transfer printers.	3.0	47	Flexo Thermal Transfer
48# CTT 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 allows usage in applications requiring a no-see-through labelstock.	3.0	52	Flexo Thermal Transfer
50# EDP	A bright white, uncoated label paper suitable for general impact printing.	3.5	50	Flexo
50# Liner Transfer Tape	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.	3.2	51.6	Flexo
55# CTT	A C1S, matte white paper designed for excellent thermal transfer printability. This sheet is not recommended for flood-coating.	3.5	55	Flexo Thermal Transfer
60# Chartreuse Fluorescent	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	3.8	60	Flexo
60# Green Fluorescent	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	3.8	60	Flexo
60# Orange Fluorescent	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	3.8	60	Flexo
60# Pink Fluorescent	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	3.8	60	Flexo
60# Red Fluorescent	A matte, neon bright sheet designed for high visibility and impact printing. This is an alkaline sheet.	3.8	60	Flexo
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.	2.6	54	Flexo
58# Primeglos™	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.	3.0	58	Flexo Thermal Transfer
58# Primeglos™ Cover-up	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.	3.0	58	Flexo Thermal Transfer

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58# Primeglos™ Piggyback	A bright white, semi gloss litho that demonstrates excellent print characteristics when printed using flexo, offset, and letterpress.	3.0	58	Flexo Thermal Transfer
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.	6.6	66	Flexo
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.	8.7	108	Flexo
AC Bright Gold Laminated Foil	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.	3.5	73	Flexo Thermal Transfer
AC Bright Silver Laminated Foil	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.	3.5	73	Flexo Thermal Transfer
AC Dull Gold Laminated Foil	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.	3.5	73	Flexo Thermal Transfer
AC Dull Silver Laminated Foil	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.	3.5	73	Flexo Thermal Transfer
Bright Silver Metallized Paper	A bright silver, acrylic top-coated metallized paper. It is printable with a variety of methods, including water-based and UV flexo.	2.6	56	Flexo
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.	3.9	57	Flexo Thermal Transfer
Covermatte™	A matte top-coated, 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.	3.9	65	Flexo Thermal Transfer
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 ink jet printers. Its dimensional stability and strength properties make it an excellent choice for laser and ink jet applications.	3.5	49	Flexo Water-based Inkjet Laser (Desktop)
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 ink jet printers. Its dimensional stability and strength properties make it an excellent choice for laser and ink jet applications. The cover up primer is an opaque barrier coating that inhibits show-through of text and graphics on the substrate beneath the label.	3.5	54	Flexo Water-based Inkjet Laser (Desktop)
Gloss Inkjet Paper	This glossy paper is designed to be compatible with most desktop, roll-to-roll, and wide-format ink jet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics.	3.9	64	Flexo Water-based Inkjet

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Endura® Durable Inkjet Paper	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.	5.0	60.1	Flexo Water-based Inkjet
High Gloss	A cast coated paper featuring a mirror finish; ideal for a wide variety of printing technologies.	3.7	57	Flexo Thermal Transfer
iGO™ Semi Gloss	This glossy, white HP Indigo-ready 55# Semi Gloss is top-coated for excellent adhesion of HP Indigo liquid ink to the facestock.	3.2	55	HP Indigo (web/roll fed)
iGO™ Semi Gloss Cover-up	This glossy, white HP Indigo-ready 55# Semi Gloss is top-coated for excellent adhesion of HP Indigo liquid ink to the facestock. The dark gray opaque barrier coat is applied to the backside for added opacity in applications requiring underlying text or graphics to be hidden.	3.2	55	HP Indigo (web/roll fed)
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.	3.7	58.4	Flexo Laser (Desktop)
Reverse Coated Bright Silver Metallized 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).	2.6	56	Flexo
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.	3.6	56	Flexo Thermal Transfer
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.	3.6	61	Flexo Thermal Transfer
Premium Matte Inkjet Paper	This premium matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format ink jet 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.	4.1	59.4	Flexo Water-based Inkjet
Satin Matte Inkjet Paper	This matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format ink jet printers. This sheet delivers excellent photo images, color graphics, and sharp text. It has good water fastness and wet-rub characteristics.	3.6	61	Flexo Water-based Inkjet
Satin Matte Inkjet Paper Cover-up	This opaque matte paper is designed to be compatible with most desktop, roll-to-roll, and wide-format ink jet 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.	3.6	61	Flexo Water-based Inkjet
ScanTherm™ Industrial	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.	3.3	54	Flexo Direct Thermal

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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).	3.3	51	Flexo Direct Thermal
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.	3.1	49	Flexo Direct Thermal
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 top-coated for resistance to water, oil, and other chemicals, and offers good heat and light resistance.	3.1	49	Flexo Direct Thermal
Semi Gloss for Domino	This glossy, white top-coated 55# Semi Gloss is appropriate for Domino UV inkjet printing.	3.1	55	UV Ink Jet
Semi Gloss Cover-up for Domino	This glossy, white top-coated 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.	3.2	55	UV Ink Jet
Semi Gloss for EFI™ Jetrion®	This glossy, white top-coated 55# Semi Gloss is appropriate for EFI-Jetrion UV inkjet printing.	3.1	55	UV Ink Jet
Semi Gloss Cover-up for EFI™ Jetrion®	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.	3.2	55	UV Ink Jet
Semi Gloss for Screen	This glossy, white top-coated 55# Semi Gloss is appropriate for Screen Americas UV inkjet printing.	3.1	55	UV Ink Jet
Semi Gloss Cover-up for Screen	This glossy, white top-coated 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.	3.2	55	UV Ink Jet
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.	2.9	55	Flexo Laser (Desktop) Laser (Commercial)
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.	3.9	60	Flexo Laser (Desktop) UV Ink Jet
Ultra Matte™ Litho Piggyback	A premium, matte-coated paper featuring superior smudge resistance, high brightness, and high opacity. This sheet offers good ink receptivity.	3.9	60	Flexo

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*Veero™ 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.	2.9	40	Flexo Thermal Transfer
*Veero™ 54# Semi Gloss	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.	2.9	54	Flexo Thermal Transfer
*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).	3.1	50	Flexo Direct Thermal
*Veero™ Direct Thermal TC	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.	3.1	53	Flexo Direct Thermal

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FILMS

1.5 mil Transparent Polystyrene	A clear, rigid film used for prime label applications. This product is corona-treated for better printing and is appropriate for coupon technology.	1.5	27	Flexo
2.0 mil PTC Bright Silver Metallized BOPP	A very bright silver metallized PTC (pasteurizable top-coated) polypropylene facestock featuring excellent printability and high gloss, ideal for many prime label applications.	2.0	31	Flexo UV Inkjet
*2.0 mil TC Clear Polypropylene	A biaxially-oriented film designed for prime label applications. Its acrylic top coat was specifically engineered for flexo ink receptivity.	2.0	31.5	Flexo
2.0 mil TC Gloss White Polyester	A top-coated, 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.	2.0	51	Flexo Thermal Transfer UV Inkjet
2.0 mil Matte Silver Polyester	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.	2.1	48.6	Flexo Thermal Transfer
2.0 mil Transparent Polystyrene	A clear, rigid film used for prime label applications. It is corona-treated for better printing and is appropriate for coupon technology.	2.0	36	Flexo Thermal Transfer
2.2 mil Matte White Polyester	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.	2.17	40.9	Flexo Laser Thermal Transfer
2.3 mil TC White Metallized 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.	2.3	39	Flexo UV Inkjet
2.3 mil TC White Polypropylene	A glossy white, biaxially-oriented polypropylene designed with a unique top coating to be compatible with water-based and solvent-based inks.	2.3	39	Flexo UV Inkjet
2.3 mil TC White Skweeze™ Polypropylene	A top coated, flexible, glossy white biaxially-oriented polypropylene film that exhibits full squeeze performance on rigid containers, such as shampoo and condiment bottles.	2.3	36.4	Flexo
*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.	2.4	30	Flexo Thermal Transfer
2.5 mil TC Matte White Laser Polyester	A top-coated, 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).	2.5	52.6	Flexo Thermal Transfer Laser (Desktop)
2.5 mil TC Matte White Polyester	A top-coated, 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).	2.5	52.6	Flexo Thermal Transfer

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FILMS

2.6 mil TC White Label-Lyte®	A white, multi-layer, biaxially-oriented polypropylene film that is top-coated for ink receptivity.	2.6	33.2	Flexo
2.6 mil White Pearlized BOPP	A white, multi-layer, biaxially-oriented polypropylene film that is top-coated for ink receptivity.	2.6	32.2	Flexo UV Inkjet Toner Thermal Transfer
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 degrees F.	3.0	40	Flexo Direct Thermal
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.	2.0	56	Flexo Laser (Desktop) Thermal Transfer
2.0 mil TC Gloss White Polyester	2.0 mil topcoated white gloss polyester film designed for excellent printing, converting, and dispensing.	1.97	37.2	Flexo Laser (Desktop) Thermal Transfer
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, adhesion, and durability. It is very resistant to high heat, tear, abrasion, solvents, and water. It displays excellent clarity and sharpness for laser printing.	2.0	56	Flexo Laser (Desktop) Thermal Transfer
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 3-6 months, depending on climatic conditions.	3.0	42.5	Flexo Thermal Transfer
3.0 mil Ultra Matte™ Polypropylene	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.	3.0	40.5	Flexo 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.	3.3	40	Flexo Thermal Transfer UV Inkjet Impact
*3.5 mil TC White Laser Vinyl	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.	3.4	85	Flexo Laser (Desktop) Laser (Commercial)

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FILMS

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 3-6 months, depending on climatic conditions.	4.2	53.3	Flexo Thermal Transfer
4.0 mil White Inkjet Polypropylene	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.	4.2	53	Water-based Inkjet
Gloss White Inkjet Polypropylene	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.	3.5	50	Water-based Inkjet
Gloss Clear Inkjet Polypropylene	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.	3.3	54	Water-based Inkjet
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 containing labeling.	3.4	50	Flexo Thermal Transfer Impact
*Laser Vinyl Drum Label	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.	3.4	85	Flexo Laser (Desktop) Laser (Commercial)
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 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.	3.0	38	Flexo Thermal Transfer UV Inkjet Impact
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.	3.0	38	Flexo Thermal Transfer UV Inkjet Impact
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 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.	3.6	46	Flexo Thermal Transfer UV Inkjet Impact

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FILMS

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. 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.	3.8	56	Flexo
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.	2.0	47.5	Flexo UV Inkjet
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 facestock has been specifically designed to easily delaminate, showing tamper evidence, when used with an aggressive adhesive.	4.1	41	Flexo Thermal Transfer UV Inkjet
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.	2.0	47.5	Flexo UV Inkjet
SafeTE™ Clear Void Polyester	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.	1.5	35.8	Flexo Thermal Transfer
SafeTE™ NT Red Void Polyester	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.	1.5	35.8	Flexo Thermal Transfer
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.	4.1	53	Flexo Direct Thermal
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.	3.8	56	Flexo Thermal Transfer Impact
Tyvek® 1073-D	A high strength, white, spun-bound polyolefin used where tear resistance is required.	8.0	50	Flexo

Name	Description	Application (F)	Range (F)	Type
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GENERAL PURPOSE

4LZ™ (2020)	<p>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.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • corrugate & packaging • retail • shipping & picking labels • work-in-progress <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • apparel 	45	-40 to 250	Acrylic-based Permanent
B-82	<p>A general purpose hot melt adhesive with excellent quick-stick properties and long-term adhesion to a broad range of surfaces.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • corrugate • packaging & shrink films • polypropylene & polyethylene bottles <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • blow-on applications • dairy label • laser • wide web (>8 - 10 inches) <p>Regulatory:</p> <p>Complies with 21 CFR 175.105 indirect food contact</p> <p>Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber</p> <p>Complies with CONEG / Toxics in Packaging</p> <p>Complies with CPSIA</p>	40	-50 to 150	Rubber-based Permanent
BP-164	<p>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.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • corrugate & packaging films • PP & PE bottles • printed or varnished paperboard <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • blow-on applications • dairy label • laser • wide web <p>Regulatory:</p> <p>Complies with 21 CFR 175.105 indirect food contact</p> <p>Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber</p> <p>Complies with CONEG / Toxics in Packaging</p> <p>Complies with CPSIA</p>	40	-50 to 150	Rubber-based Permanent
BP-52	<p>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.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • apparel • corrugate • laser applications • tight mandrel applications with glass & plastic including pharm & lab; is glove friendly <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • clear film applications • not for silk, suede, or leather-like materials <p>Regulatory:</p> <p>Complies with 21 CFR 175.105 indirect food contact</p> <p>Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber</p> <p>Complies with CONEG / Toxics in Packaging</p> <p>Complies with CPSIA</p> <p>Passes PAT test ISO 18916</p>	40	-40 to 200	Acrylic-based Permanent

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GENERAL PURPOSE

SFA™ (2020)	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.	15	-40 to 240	Acrylic-based Permanent
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Recommended for testing:

- drum & barrel
- health & beauty
- pharmaceutical including test tubes & vials; is glove friendly
- print-and-present manual labeling
- squeezable containers

Not recommended for testing:

- apparel & textiles
- application at refrigerator or freezer conditions

XYZ™ (2020)	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.	15	-45 to 230	Acrylic-based Permanent
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Recommended for testing:

- glove friendly
- health & beauty
- pharmaceutical / medical
- tight mandrel
- variety of prime & variable labels

COLD TEMP

A-BC-20™	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.	10	-50 to 120	Rubber-based Permanent
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Recommended for testing:

- meat, cheese, or dairy labels
- moist surfaces
- packaging films requiring quick stick
- plastic and glass containers

Not recommended for testing:

- laser printers

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA

Name	Description	Application (F)	Range (F)	Type
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COLD TEMP

BC-20™	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.	10	-50 to 120	Rubber-based Permanent
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Recommended for testing:

- bakery & deli
- high pressure pasteurization
- meat, cheese, and juice packaging
- moist / damp environments
- packaging films requiring quick stick
- wax corrugate

Not recommended for testing:

- laser

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA

CLD-10	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.	10	-50 to 145	Rubber-based Permanent
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Recommended for testing:

- clam shells
- deli containers
- packaging materials
- plastic
- shrink wrap

Not recommended for testing:

- extremely wet substrates
- greasy substrates

*PRM-550	An aggressive emulsion acrylic appropriate for indoor and outdoor labeling.	25	-30 to 175	Acrylic-based Permanent
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Recommended for testing:

- 1-year outdoor life
- drum labels, placards
- indoor / outdoor signage
- parking pass decals
- point of sale displays and signs
- product ID labels
- short term bumper stickers (permanent)

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA

*PDL-09	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.	35	-10 to 200	Acrylic-based Permanent
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Recommended for testing:

- metal, fiber, and olefin drums

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA

Name	Description	Application (F)	Range (F)	Type
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COLD TEMP

SC-21	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.	25	-50 to 140	Rubber-based Permanent
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Recommended for testing:

- cold temperature applications
- dairy label
- packaging films
- shipping & inventory
- wide-web converting (>10")

Not recommended for testing:

- laser

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

*VG-440	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.	5	-20 to 160	Rubber-based Permanent
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Recommended for testing:

- corrugated boxes
- food & beverage
- low surface energy plastic packaging

Not recommended for testing:

- laser

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

Passes PAT test ISO 18916

ALL TEMP

ATP™	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.	-20	-65 to 200	Acrylic-based Permanent
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Recommended for testing:

- cold temperature packaging
- corrugate
- generally good open time
- hot fill
- laser applications in cold environments

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

Passes PAT test ISO 18916

Name	Description	Application (F)	Range (F)	Type
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ALL TEMP

B-122F™	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.	-10	-65 to 200	Acrylic-based Permanent
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Recommended for testing:

- cold foods & packaging
- corrugate
- health & beauty
- hot fill bottles & jars
- house hold chemicals
- packaging films / polyethylenes

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

Passes PAT test ISO 18916

C-122F™	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.	-10	-65 to 200	Acrylic-based Permanent
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Recommended for testing:

- appropriate for hand-applied labels
- drum & barrel labels
- textured freezer labels
- waxed corrugate

Not recommended for testing:

- test for auto dispense or print-and-apply application for this heavy coat adhesive

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

Passes PAT test ISO 18916

*VA-365	An economical all-temperature acrylic adhesive choice for a wide range of application temperatures. This component is not available for custom constructions.	-20	-65 to 200	Acrylic-based Permanent
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Recommended for testing:

- food packaging
- good open time
- hot fill
- wide web (>10")

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Name	Description	Application (F)	Range (F)	Type
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FREEZER

Frostbite™	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.	-15	-65 to 160	Rubber-based Permanent
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Recommended for testing:

- excellent for frozen food & flash freezing / blast freezer
- waxed corrugate

Not recommended for testing:

- laser
- warm environments above room temp

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

CRYOGENIC

Cryogenic	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.	39	-320 to 248	Acrylic Permanent
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SPECIALTY

AmpClamp™	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.	45	-50 to 240	Rubber-based Permanent
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Recommended for testing:

- batteries of cars, trucks, motorcycles, boats, RVs, ATVs, and farm equipment

Not recommended for testing:

- general automotive / underhood use

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

FC-125	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.	10	-40 to 170	Rubber-based Permanent
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Recommended for testing:

- edible skins of fruit and vegetables such as: apples, kiwi, bananas, cucumbers, avocado, peppers, pears, tomatoes

Name	Description	Application (F)	Range (F)	Type
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SPECIALTY

GripTight™	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.	40	-30 to 150	Rubber-based Permanent
<p>Recommended for testing:</p> <ul style="list-style-type: none"> ceramic tile, granite, pond baskets, aluminum pouches, unfinished wood, spouting / corrugated plastic, vinyl sheeting, metalized surfaces, paperboard, PVC fencing, nursery pots, woven bags, drain panels, smooth pressed boards 				
Oil Tolerant	Oil tolerant is an acrylic adhesive that absorbs oils, enabling strong adhesion to lubricated surfaces. No surface degreasing required for more efficient application.	41	-40 to 212	Acrylic-based Permanent
PAT1	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.	39	-40 to 212	Acrylic-based Permanent
*PDL-55	An aggressive emulsion acrylic designed for drum label applications.	25	-25 to 180	Acrylic-based Permanent
<p>Recommended for testing:</p> <ul style="list-style-type: none"> aluminum drums fiber drums poly drums <p>Regulatory:</p> <p>Complies with 21 CFR 175.105 indirect food contact</p> <p>Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber</p> <p>Complies with CONEG / Toxics in Packaging</p> <p>Complies with CPSIA</p>				
SP-924G	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.	20	-40 to 240	Acrylic-based Permanent
<p>Recommended for testing:</p> <ul style="list-style-type: none"> corrugate household chemicals polyprop & polyethylene containers rigid plastics shipping & inventory 				

Name	Description	Application (F)	Range (F)	Type
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SPECIALTY

SureLock™	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.	25	-50 to 140	Rubber-based Permanent
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Recommended for testing:

- ABS plastic
- burlap
- cement
- lumber / plywood
- plastic woven bags
- textured surfaces
- tile

Not recommended for testing:

- tire label

Regulatory:

Complies with 21 CFR 175.105 indirect food contact

Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber

Complies with CONEG / Toxics in Packaging

Complies with CPSIA

Name	Description	Application (F)	Range (F)	Type
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REMOVABLE

B-91	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.	40	-40 to 200	Acrylic-based Removable
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Recommended for testing:

- kiddie stickers
- pricing & retail labels
- temporary IDs
- thermal transfer & direct thermal labels

Not recommended for testing:

- corrugate
- textured or rough surfaces

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA
Passes PAT test ISO 18916

HTR-1	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.	40	-40 to 200	Acrylic-based Removable
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Not recommended for testing:

- corrugate
- textured or rough surfaces

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA
Passes PAT test ISO 18916

LiftOff™	A hot melt removable adhesive featuring excellent long-term removability. Good initial adhesion and clean removability allows for use on a variety of surfaces.	30	-20 to 140	Rubber-based Removable
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Recommended for testing:

- glass
- grocery casings
- packaging films
- painted metal
- storage containers

Not recommended for testing:

- copy paper
- laser printing
- long-term LDPE
- long-term polycarbonate
- outdoor / UV exposure
- tight mandrel

Regulatory:

Complies with 21 CFR 175.105 indirect food contact
Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber
Complies with CONEG / Toxics in Packaging
Complies with CPSIA

Name	Description	Application (F)	Range (F)	Type
REMOVABLE				
GPR™	<p>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.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • book covers (test finish) • furniture • laser ID tags • moving, ID stickers • pricing & tagging <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • tight mandrel, test tubes, etc. <p>Regulatory:</p> <p>Complies with 21 CFR 175.105 indirect food contact Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber Complies with CONEG / Toxics in Packaging Complies with CPSIA Passes PAT test ISO 18916</p>	40	-40 to 200	Acrylic-based Removable
B-92	<p>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.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • open time to permanent with vinyl or PET bottles • shelf marking, particularly with film facestocks • textured surfaces <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • glass with paper facestocks • paper substrates <p>Regulatory:</p> <p>Complies with 21 CFR 175.105 indirect food contact Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber Complies with CONEG / Toxics in Packaging Complies with CPSIA</p>	40	-40 to 200	Acrylic-based Removable
*RSM-92	<p>A removable, emulsion acrylic adhesive with good performance for indoor and outdoor use.</p> <p>Recommended for testing:</p> <ul style="list-style-type: none"> • indoor / outdoor signs and placards • plastic containers • shelf marking • temporary marking and ID labels <p>Not recommended for testing:</p> <ul style="list-style-type: none"> • submersion <p>Regulatory:</p> <p>Complies with 16 C.F.R. 1500.3(c)(4) not a primary (skin) irritant Complies with 21 CFR 175.105 indirect food contact Complies with 21 CFR 801.437, does not contain natural rubber latex (NRL) or dried rubber Complies with CONEG / Toxics in Packaging Complies with CPSIA</p>	18	10 to 150	Acrylic-based Removable
VR	<p>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.</p>	50	14 to 176	Acrylic-based Removable

Name	Description	Backprint Method			Layflat			Caliper (mil)	Basis Wt. (#/3000ft²)	Opacity %	
		Flexo	Offset	Laser	RR	RS	L				CFE
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
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	
	1.6 mil glassine liner that is excellent for die cutting, stripping, and label dispensing.								1.6	27	

Layflat:

RR = Roll-to-Roll

L = Laser

RS = Roll-to-Sheet

CFF = Continuous Fan-Fold

* Item not available for custom applications.

Liner print recommendations are general one-color recommendations; testing for a specific application is always recommended.

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Name	Description	Backprint Method				Layflat		Caliper (mil)	Basis Wt. (#/3000ft²)	Opacity %	
		Flexo	Offset	Laser	RR	RS	L				CFF
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, calendered, 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
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	
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

4LZ, AmpClamp, ATP, B-122F, BC-20, C-122F, Coverglos, Covermatte, DiversiPrint, Frostbite, GripTight, GPR, iGO, LiftOff, Primeglos, PrimeScan, SafeTE, ScanTherm, ScanTherm-Poly, SFA, Skweeze, SureLock, Ultra Matte, Veero, Xtraglos, and XYZ are trademarks of Spinnaker Pressure Sensitive Products, LLC. All other trademarks are the property of their respective owners. 4/23

Layflat:
RR = Roll-to-Roll RS = Roll-to-Sheet
L = Laser CFF = Continuous Fan-Fold

* Item not available for custom applications.
Liner print recommendations are general one-color recommendations; testing for a specific application is always recommended.
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