Materials Group
Label and Packaging Materials

North America

Overlaminates

Films with Technology.
Products with Purpose.

AVERY DENNISON

Protection is Just the Beginning

The next generation of overlaminate technology

Are self-wound overlaminates in your arsenal of customer solutions? If not, maybe they should be. Providing more than just protection of the underlying facestock, self-wound overlaminates can add aesthetics and greater functionality to a label. Providing the best combination of price and performance compared to competing technologies, self-wound overlaminates look to become even more versatile in the coming years.

A quick course on self-wound overlaminates

Self-wound overlaminate is a clear roll of linerless film with a pressure-sensitive adhesive. It's applied to a label, either in-line or on a finishing machine, just before die-cutting. As part of the finished label or package design, the overlaminate's typical primary purpose is to protect the underlying construction. However, self-wound overlaminates can do much more.

Self-wound overlaminates can, for instance, help enhance the overall aesthetics of a label. Current solutions allow for the addition of gloss and matte finishes, along with special effects such as soft feel. They can also add greater functionality to a label. This includes lowering the coefficient of friction to improve package processing; or adding a thermal transfer printable surface, release surfaces for foldout instruction booklets, or foil stamping

Versatile and value-additive, self-wound overlaminates can be used on labels for virtually any consumer product. Applications include food and beverage, flexible packaging, health and personal care, pharmaceutical and medicine, prime film, and variable text. Self-wound overlaminates are available for durables applications as well.

The best overall option for graphics protection

Self-wound overlaminates offer several benefits over competing technologies, such as wet lamination and varnishes. They add thickness and body to a label, providing strength to prevent tearing. They allow for variable printing, and may be FDA approved for direct food contact.

They're also easier to use. Set up and changeover of a roll of self-wound overlaminate can be completed quickly, and there's no additional equipment (such as UV lamps, drying hoods, or mixers) to maintain. The bottom line? Self-wound overlaminates are the best overall solution for those wanting robust protection with added aesthetics and functionality.

To discuss how you can add self-wound overlaminates to your arsenal of customer solutions, contact your Avery Dennison representative or visit label.averydennison.com to view products.

Self-Wound Polypropylene

404, 410, 410C
Clear BOPP Overlaminate film with a clear permanent emulsion acrylic adhesive. Ideal for milk jug, water bottle and general purpose label protection while offering excellent acid, chemical, oil and scuff resistance.

505B, 505C
Clear BOPP Overlaminate film with a clear permanent emulsion acrylic adhesive. Provides more stability and excellent clarity and more demanding label applications. Ideal for health and beauty labels, food and beverage labels and for labels requiring more overall durability, such as batteries.

505E, 505F, 530E, 700E
Heavy duty Clear BOPP Overlaminate film with a heavy coatweight permanent emulsion acrylic adhesive. Offers superior adhesion for more demanding label and tag applications. Ideal for extended content/booklet labeling, luggage tags, home and garden and the durable label market.

404 FDA, 320 FDA, 505 FDA, 531 FDA
Clear BOPP Overlaminate film with a clear permanent emulsion acrylic adhesive. Meets requirements for direct face, incidental and indirect edge or seam contact as set forth in the FDA les: 21 CFR 175.105, 21 CFR 177.1520 and 21 CFR 175.125.

320, 531
Matte BOPP Overlaminate film with a clear permanent emulsion acrylic adhesive. Provides a soft non-glare finish and is receptive to pen, pencil or marker. Ideal for beverage, food and cosmetic labels where attractive, high-end appearance is desired.

1132, 505T, 531T
Clear and Matte BOPP Overlaminate film with a clear permanent emulsion acrylic adhesive. Designed for thermal transfer, hot foil stamp and Videojet® printability. Ideal for labels and tags with variable information, such as expiration dates and barcodes. Specific ribbon testing required. See our Thermal Transfer Ribbon Guide.

Self-Wound Polypropylene

Spec#	Product Description	Film Thickness (Mils)
General Purpose Polypropylene		
B9077	404 - Classic Exact Self-Wound BOPP	0.70
B9082	410 - Clear Self-Wound BOPP	0.70
B9366	505B - 1 Mil Clear Self-Wound BOPP	1.00
B9369	505C - 1 Mil Clear Self-Wound BOPP	1.00
Heavy Duty Polypropylene		
B9371	505E - 1 Mil Clear Self-Wound BOPP	1.00
B9337	505F - 1 Mil Clear Self-Wound BOPP	1.00
B9373	530E - 1.8 Mil Clear Self-Wound BOPP	1.20
B9372	700E - 2 Mil Clear Self-Wound BOPP	2.00
FDA Compliant Polypropylene		
B9335	404FDA - Classic EXACT Self-Wound BOPP Direct Food Contact	0.70
B9333	320FDA - 0.71 Mil Matte Self-Wound BOPP Direct Food Contact	0.71
B9370	505FDA - 1.3 Mil Clear Self-Wound Direct Food Contact BOPP	1.00
B9376	531FDA - 1.5 Mil Matte Self-Wound Direct Food Contact BOPP	1.00
Matte Polypropylene		
B9332	320 - 0.71 Mil Matte Self-Wound BOPP	0.75
B9424	531 - 1 Mil Matte Self-Wound BOPP	1.00
Thermal Transfer Printable Polypropylene		
B9334	1132 - TTP Superthin	0.75
B9367	505T - 1 Mil Clear BOPP Thermal Transfer Printable	1.00
B9432	531T - 1 Mill Matte Self-Wound BOPP Thermal Transfer	1.00

Specialty Self-Wound Polypropylene

505OB
Unique, clear photo luminescent overlaminate film with a clear permanent emulsion acrylic adhesive. Designed to illuminate when exposed to black light. Perfect for label detection and security labeling where product identification is required. Product must be stored in a manner to minimize exposure to UV light. Ask us about our other anticounterfeit technologies!

410 DIG, 531 DIG
Clear and Matte BOPP overlaminate film with a clear tackified emulsion acrylic adhesive. Designed specifically to perform with digital printers and in very demanding label applications requiring an ultra aggressive adhesive. Provides excellent scratch and scuff resistance.

410HS
Clear one side heat sealable, adhesive-coated BOPP film designed specially for flexible packaging applications. Offering excellent oil and chemical resistance is ideal for use as a barrier layer within the packaging or as an overlaminate to protect and enhance your package. Typical end use applications include: bakery, pet food and snack pouches. HFFS and VFFS machine capability.

8130, 8133, 8150
Silicone release coated polypropylene with a water-based acrylic adhesive is ideal for overlay and labels with extended information, tags and a variety of other applications. It also provides a quiet unwind and smooth surface. Protects from moisture, abrasion and chemicals while offering excellent clarity and resistance to UV light.

Specialty Self-Wound Polypropylene

Spec#	Product Description	Film Thickness (Mils)
Photoluminscent Polypropylene		
B9368	505OB - 1 Mil Clear Self-Wound BOPP W/Optical Brightener	1.00
Digital Polypropylene		
B9436	410DIG - DIG Clear Self-Wound BOPP	0.75
B9437	531DIG - 1 Mil DIG Matte Self-Wound BOPP	1.00
Heat Sealable Polypropylene		
B9362	410HS - Clear Heat Seal BOPP	0.75
Specialty Polypropylene		
B9340	8130 - 30 Micron Overlam	1.20
B9341	8133- Supersmooth Medium Release	1.20
B9083	8150 Mircon Overlam	2.00

Specialty Self-Wound Polyester

648
Clear PET film treated for a smooth unwind and coated with a clear permanent emulsion acrylic adhesive providing excellent adhesion to challenging digitally printed surfaces. This product is ideal to protect print from abrasion and moisture in flexible packaging applications such as food and cosmetics.

674, 609
Clear PET overlaminate film with a clear permanent emulsion acrylic adhesive. Provides stability, durability and UV protection for demanding label applications. Ideal for applications requiring heat and chemical resistance in the durable and automotive market.

614, 620E
Heavy duty clear PET overlaminate film with a clear permanent emulsion acrylic adhesive. Ideal for applications requiring abrasion resistance, UV protection and resistance to moisture, tearing and other environmental agents. Well suited for outdoor applications or more challenging indoor applications and optimal for industrial, warning, durable or safety labels.

675CT, 610T, 631T, 692T
Clear and Matte PET overlaminate film with a clear permanent emulsion acrylic adhesive. Designed for thermal transfer, hot foil stamp and Videojet® printability. Ideal for labels and tags with variable information, such as expiration dates, lot codes or bar codes that must perform in demanding label applications. Specific ribbon testing required. See our Thermal Transfer Ribbon Guide. Additionally, 610T is now UL recognized.

675, 692
Clear PET Overlaminate film with a clear permanent emulsion acrylic adhesive.

609 DIG, 691 DIG, 841
Clear PET overlaminate film with a clear tackified emulsion acrylic adhesive. Designed specifically to perform with digital printers and in very demanding label applications requiring an ultra aggressive adhesive. Additionally, 691 DIG combats UV light to reduce color fading and is optimal for indoor and outdoor label applications, such as bumper stickers, window decals, nameplate decoration and outdoor durable applications where light fastness is required. Product 841 features a silent unwind, ideal for digital printers in an office setting. The easy release coating is also ideal in applications requiring graffiti resistance.

Specialty Self-Wound Polyester

Spec#	Product Description	Film Thickness (Mils)
General Purpose Polyester		
B9345	674 - 0.75 Mil Clear Self-Wound PET	0.75
B9442	675 - 0.75 Mil Clear Self-Wound PET	0.75
B9353	609 - Mil Clear Self-Wound PET Medium Release	0.92
B9351	631 - 1 Mil Matte Self-Wound PET	0.92
Heavy Duty Polyester		
B9354	614 - 1.42 Mil Clear Self-Wound PET	1.42
B9355	620E - 2 Mil Clear Self-Wound PET	2.00
Thermal Transfer Printable Polyester		
B9346	675CT - .75 Mil Clear Self-Wound PET Thermal Transfer	0.75
B9416	610T - 1 Mil Clear Self-Wound PET Thermal Transfer UL	0.92
B9417	631T - 1 Mil Matte Self-Wound PET Thermal Transfer	0.92
Digital Print Protection		
B9338	609DIG - 1 Mil DIG Clear Self-Wound PET Medium Release	0.92
B9414	691DIG - 1 Mil Clear PET UV Resistant	0.92
B9358	841 - DIG EZ Release Clear PET	0.92

Specialty Self-Wound Polyester & Paint Mask

Sofsensation® - 643, 643U

Adding a tangible velvet feeling to the label, Sofsens is spot-print compatible, allowing for variation between matte and gloss effects for enhanced packaging design. Ideal for virtually any application, including food, cosmetics, nutraceuticals and more. Unsupported film available.

691V

Clear PET overlaminate film with a clear permanent emulsion acrylic adhesive. Designed to reduce color fading, which will degrade the appearance of the label caused by harmful UV light. Optimal for indoor and outdoor label applications, such as bumper stickers, window decals, nameplate decoration and outdoor durable applications where light fastness is required.

891

Clear PET overlaminate film with a clear permanent emulsion acrylic adhesive. Treated with a platinum based silicone to facilitate smooth and quiet unwind. Ideal for label and tags produced in the office setting where quiet unwind is required and for multi-ply labels where an easy release is required. Ideal for multi-ply labels where an easy release is required and in applications requiring graffiti resistance.

600 REM, 614 URM

Clear PET overlaminate film with removable and ultra removable adhesive. Engineered for medium and low tack removable applications. Ideal for applications such as extend content labels, pouch labeling, open/close mechanism on flexible packaging and as a secondary liner for die cut purposes or as a pre-mask for product protection.

PM5, PM6, PM8, PM367

Paint mask are 2 Ply and 3 Ply products that are designed to meet the requirement where a label needs to maintain its integirty during a secondary paint or powder coating operation. The mask layer is a clear PET film and coated with a permanent emulsion acrylic adhesives that has its edges deadened. The overlaminate layer is based on a clear PET film treated for smooth release and coated with a permanent emulsion acrylic adhesive.

Specialty Self-Wound Polyester & Paint Mask

Spec#	Product Description	Film Thickness (Mils)
SofSens		
B9339	643 - 0.5 Mil Sofsensation® PET	0.50
B9242	643U - 48 Matte 1 Side Coated Sofsenation®	0.50
UV Screening Polyester		
B9080	691V - 1 Mil Clear PET UV Resistant	0.92
Easy Release Polyester		
B9357	891 - 1 Mil clear Self-Wound PET Easy Release	0.92
Removable Polyester		
B9347	600REM - 1 Mil PET Removable	0.92
B9350	614URM - 1.42 Mil PET Removable	1.42
Paint Mask		
B9076	PM5 - Paint Mask - Dead Edge 3/16 Tab	0.92
C0384	PM6 - Paint Mask - Dead Edge 1/4 Tab	0.92
C0385	PM8 - Paint Mask - Dead Edge 3/8 Tab	0.92
C0386	PM367 - 3 Ply Paint Mask	0.92

Specialty Self-Wound and Unsupported

L61010
Clear TC PET with a clear emulsion acrylic adhesive on a .92M PET liner. This premium polyester film can be used for flexographic label printing, secondary thermal transfer printing and laser printing. Specific ribbon testing and laser printer testing required.

141, 150, 167
Clear PET and BOPP films with a clear permanent emulsion acrylic adhesive. These reinforcement tapes are designed to provide added support in hole punch and hang tag applications. Minimum width available is 3/8".

Unsupported Films
Both polypropylene and polyester films provide excellent chemical, acid and moisture resistance and are one side treated to accept print or adhesive coating. All polypropylene Films meet FDA requirements for direct food contact. Product 609U is wax release coated.

Specialty Self-Wound and Unsupported

Spec#	Product Description	Film Thickness (Mils)
Top Coated Polyester with PET liner		
B9359	L61010 - 0.92 Mil PET / 0.5 / 0.92 Mil PET	0.92
Unsupported Polypropylene		
B9434	410U - 0.75 Mil Clear Uncoated BOPP Film	0.70
B9308	505U - 1 Mil Clear BOPP Uncoated	1.00
B9311	700U - 2 Mil Clear Uncoated BOPP Film	2.00
P9313	320U - 0.71 Mil Matte Uncoated BOPP Film	0.78
B9309	531 U - 1 Mil Matte Uncoated BOPP Film	1.00
Unsupported Polyester		
B9427	648U - 0.48 Mil Clear PET	0.48
B9323	609U - 0.92 Mil Clear Uncoated PET Film	0.92

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