



| Product Number                                 | Face Finish | Film Mils | Adhesive Mils | Liner Mils | Total Mils | Available By Roll (5K and 10K) | Available by 60" Master | Available by the 14" Master (5K only) |
|--|-------------|-----------|---------------|------------|------------|--------------------------------|-------------------------|---------------------------------------|
| <b>Non Top Coated Polyester with PET liner</b> |             |           |               |            |            |                                |                         |                                       |
| N6101N   | Clear       | 0.92      | 0.5           | 0.92       | 2.34       | No                             | Yes                     | No                                    |
| <b>Top Coated Polyester with PET liner</b>     |             |           |               |            |            |                                |                         |                                       |
| L61010   | Clear       | 0.92      | 0.5           | 0.92       | 2.34       | No                             | Yes                     | No                                    |

| Product Number                     | Face Finish | Film Mils | Adhesive Mils | Total Mils | Available By Roll (5K and 10K) |
|------------------------------------|-------------|-----------|---------------|------------|--------------------------------|
| <b>Tag and Edge Re-enforcement</b> |             |           |               |            |                                |
| 141                                | Clear       | 0.75      | 0.3           | 1.05       | Yes                            |
| 150                                | Clear       | 1.0       | 0.3           | 1.3        | Yes                            |
| 167                                | Clear       | 0.92      | 0.5           | 1.42       | Yes                            |

| Product Number                   | Face Finish | Film Mils | Available By Roll (5K and 10K) | Available by 60" Master |
|----------------------------------|-------------|-----------|--------------------------------|-------------------------|
| <b>Unsupported Polypropylene</b> |             |           |                                |                         |
| 410U                             | Clear       | 0.75      | No                             | Yes                     |
| 505U                             | Clear       | 1.00      | No                             | Yes                     |
| 530U                             | Clear       | 1.20      | No                             | Yes                     |
| 550U                             | Clear       | 1.6       | No                             | Yes                     |
| 700U                             | Clear       | 2.00      | No                             | Yes                     |
| 531U                             | Matte       | 1.00      | No                             | Yes                     |

|                              |       |      |    |     |
|------------------------------|-------|------|----|-----|
| <b>Unsupported Polyester</b> |       |      |    |     |
| 650U                         | Clear | 0.48 | No | Yes |
| 674U                         | Clear | 0.75 | No | Yes |
| 600TU                        | Clear | 0.92 | No | Yes |
| 609U                         | Clear | 0.92 | No | Yes |
| 614U                         | Clear | 1.42 | No | Yes |
| 620U                         | Clear | 2.00 | No | Yes |
| 891U                         | Clear | 0.92 | No | Yes |
| 631U                         | Matte | 0.92 | No | Yes |

#### N6101N

Clear NTC PET with a clear emulsion acrylic adhesive on a .92M PET liner. Ideal for applications where optimal clarity and thermal transfer printing are required. This product has been designed and tested to specifically meet UL standard 969 as an overlamine for label applications. File number MH18515.

#### 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 re-enforcement 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. Products 609U, 614U and 620U are wax release coated while product 891U features a platinum based silicone release coat.

### Contract Coating

We offer state-of-the-art coating equipment with extensive contract and coating capabilities for pressure sensitive material with or without release liner. We welcome the opportunity to match our innovative coating technology with your next coating project challenge.

- Multiple coating widths with a max coating capability of 63"
- Ability to handle multiple webs
- Standard coating range from 2.5 gsm to 25 gsm - Custom coat weights available upon request
- Many emulsion acrylic adhesives stocked as well as numerous specialty adhesives available
- Adhesive coating, release coating and top coating capabilities



### Contract Slitting

We offer vast experience with modern slitting equipment to convert virtually any material including tape, film, paper, laminates as well as printed and coated materials. We welcome the opportunity of meeting your custom slitting requirements and specialize in developing innovative techniques for optimum slitting efficiency.

- Slitting widths available from 3/8" to 80"
- Maximum unwind capability of 40 inches
- Maximum finished roll OD of 40 inches
- Multiple slitting techniques from razor, shear and score slitting
- Core ID 3" and 6" with others available upon request
- Slit width tolerance .0625 inches
- Custom label branding and packaging available



acpo ltd. maintains the highest quality manufacturing standards while providing customers with innovative self wound overlamination products, exceptional service, superior quality and on-time service.

An ISO 9001 certified company we use Lean Manufacturing principles with focus on continuous improvement to insure we are meeting all our current and future product and service expectations.

We are a one stop shop for all your pressure sensitive roll label films. Contact our world class customer service and sales team and we will offer you a solution to all your overlamine needs.

### Sales, Order Entry, Customer Service

Phone: 800-793-TAPE (8273)

International: 1-419-898-4243

Fax: 877-675-5344



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# Self-Wound Overlaminates



| Product Number                           | Face Finish | Film Mils | Adhesive Mils | Total Mils | Available By Roll (5K and 10K) | Available By 60" Master |
|--|-------------|-----------|---------------|------------|--------------------------------|-------------------------|
| General Purpose Polypropylene            |             |           |               |            |                                |                         |
| 410                                      | Clear       | 0.75      | 0.3           | 1.05       | Yes                            | Yes                     |
| 505B                                     | Clear       | 1.0       | 0.3           | 1.3        | Yes                            | Yes                     |
| 505C                                     | Clear       | 1.0       | 0.5           | 1.5        | Yes                            | Yes                     |
| Heavy Duty Polypropylene                 |             |           |               |            |                                |                         |
| 505E                                     | Clear       | 1.0       | 0.7           | 1.7        | Yes                            | Yes                     |
| 505F                                     | Clear       | 1.0       | 0.8           | 1.8        | No                             | Yes                     |
| 530E                                     | Clear       | 1.2       | 0.7           | 1.9        | No                             | Yes                     |
| 550C                                     | Clear       | 1.6       | 0.5           | 2.1        | No                             | Yes                     |
| 700E                                     | Clear       | 2.0       | 0.7           | 2.7        | Yes                            | Yes                     |
| FDA Compliant Polypropylene              |             |           |               |            |                                |                         |
| 505 FDA                                  | Clear       | 1.0       | 0.3           | 1.3        | Yes                            | Yes                     |
| Matte Polypropylene                      |             |           |               |            |                                |                         |
| 531                                      | Matte       | 1.0       | 0.5           | 1.5        | Yes                            | Yes                     |
| Thermal Transfer Printable Polypropylene |             |           |               |            |                                |                         |
| 505T                                     | Clear       | 1.0       | 0.3           | 1.3        | Yes                            | Yes                     |
| 531T                                     | Matte       | 1.0       | 0.5           | 1.5        | Yes                            | Yes                     |
| Photoluminscent Polypropylene            |             |           |               |            |                                |                         |
| 5050B                                    | Clear       | 1.0       | 0.3           | 1.3        | No                             | Yes                     |
| Digital Polypropylene                    |             |           |               |            |                                |                         |
| 410 DIG                                  | Clear       | 0.75      | 0.5           | 1.25       | Yes (5 K only)                 | Yes                     |
| 531 DIG                                  | Matte       | 1.0       | 0.5           | 1.5        | Yes (5 K only)                 | Yes                     |
| Specialty Polypropylene                  |             |           |               |            |                                |                         |
| 31S                                      | Clear       | 1.2       | 0.7           | 1.9        | No                             | Yes (53")               |
| 9108 CST                                 | Clear       | 1.0       | 0.8           | 1.8        | Yes                            | Yes                     |

410

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

505B, 505C

Clear BOPP Overlamine 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.

505E, 505F, 530E, 550C, 700E

Heavy duty Clear BOPP Overlamine 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.

505 FDA

Clear BOPP Overlamine 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 files: 21 CFR 175.105 and 21 CFR 177.1520.

531

Matte BOPP Overlamine 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 the cosmetic labels where attractive, high end appearance is desired.

505T, 531T

Clear and Matte BOPP Overlamine 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 ribbon selection guide at www.acpo.com

5050B

Unique, clear photo luminescent overlamine 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.

410 DIG, 531 DIG






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

31S

Clear BOPP overlamine film with a solvent natural rubber adhesive.

9108 CST

Clear BOPP with tackified emulsion acrylic adhesive. Used for medium to light weight non-critical box sealing applications exposed to minimal shipping hazards and stress.

| Product Number   | Face Finish | Film Mils | Adhesive Mils | Total Mils | Available By Roll (5K and 10K) | Available by 60" Master | Available by the 14" Master (5K only) |
|--|-------------|-----------|---------------|------------|--------------------------------|-------------------------|---------------------------------------|
| General Purpose Polyester  |             |           |               |            |                                |                         |                                       |
| 674  | Clear       | 0.75      | 0.3           | 1.05       | No                             | Yes                     | No                                    |
| 609  | Clear       | 0.92      | 0.5           | 1.42       | Yes                            | Yes                     | No                                    |
| Heavy Duty Polyester   |             |           |               |            |                                |                         |                                       |
| 614  | Clear       | 1.4       | 0.7           | 2.12       | Yes                            | Yes                     | No                                    |
| 620E   | Clear       | 2.0       | 0.7           | 2.7        | No                             | Yes                     | Yes                                   |
| FDA Compliant Polyester  |             |           |               |            |                                |                         |                                       |
| 615 FDA  | Clear       | 0.92      | 0.5           | 1.42       | Yes                            | Yes                     | No                                    |
| Matte Polyester  |             |           |               |            |                                |                         |                                       |
| 631   | Matte       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| Thermal Transfer Printable Polyester   |             |           |               |            |                                |                         |                                       |
| 600T   | Clear       | 0.92      | 0.5           | 1.42       | Yes                            | Yes                     | No                                    |
| 631T  | Matte       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| UL Approved Polyester  |             |           |               |            |                                |                         |                                       |
| 675   | Clear       | 0.75      | 0.3           | 1.05       | No                             | Yes                     | No                                    |
| 692   | Clear       | 0.92      | 0.5           | 1.42       | Yes                            | Yes                     | No                                    |
| 692T  | Clear       | 0.92      | 0.5           | 1.42       | Yes                            | Yes                     | No                                    |
| Digital Polyester  |             |           |               |            |                                |                         |                                       |
| 609 DIG  | Clear       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| 691 DIG  | Clear       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| 841  | Clear       | 0.92      | 0.7           | 1.62       | No                             | Yes                     | No                                    |

674, 609

Clear PET overlamine 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 overlamine 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.

615 FDA

Clear PET Overlamine film with a clear permanent emulsion acrylic adhesive. Meets requirements for DIRECT FACE contact of 21 CFR 177.1630 and the incidental and indirect edge or seam contact as set forth in the FDA file: 21 CFR 175.105

631

Matte PET Overlamine film with a clear permanent emulsion acrylic adhesive. Provides a soft non-glare finish and which facilitates label barcode reading. Ideal for durable label and tag applications requiring abrasion resistance and a high end appearance. This product has been designed and tested to specifically meet UL standard 969 as an overlamine for label applications. File number MH18515.

600T, 631T

Clear and Matte PET overlamine 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 ribbon selection guide at www.acpo.com.


675, 692, 692T

Clear PET Overlamine film with a clear permanent emulsion acrylic adhesive. These products have been designed and tested to specifically meet UL standard 969 as an overlamine for label applications. File number MH18515.

609 DIG, 691 DIG, 841

Clear PET overlamine film with a clear tackified emulsion acrylic adhesive. Designed specifically to perform with digital printers and in very demanding label application 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. Lastly, 841 is ideal for office setting digital printers requiring silent unwind.



| Product Number   | Face Finish | Film Mils | Adhesive Mils | Total Mils | Available By Roll (5K and 10K) | Available by 60" Master | Available by the 14" Master (5K only) |
|--|-------------|-----------|---------------|------------|--------------------------------|-------------------------|---------------------------------------|
| UV Screening Polyester   |             |           |               |            |                                |                         |                                       |
| 691V  | Clear       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| Easy Release Polyester   |             |           |               |            |                                |                         |                                       |
| 891  | Clear       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| Removable Polyester  |             |           |               |            |                                |                         |                                       |
| 600 REM  | Clear       | 0.92      | 0.5           | 1.42       | No                             | Yes                     | Yes                                   |
| 614 URM  | Clear       | 1.42      | 0.5           | 1.92       | No                             | Yes                     | Yes                                   |
| Flexible Packaging   |             |           |               |            |                                |                         |                                       |
| 648  | Clear       | 0.48      | 0.5           | 0.98       | No                             | Yes                     | No                                    |
| 410HS  | Clear       | 0.75      | 0.3           | 1.05       | Yes                            | Yes                     | No                                    |

|                      | Mask Layer Mil | Middle Layer Mil | Overlamine Layer Mil | Deadened Edge (inches) | Total Thickness | Available by the Roll | Min. Order Quantity |
|----------------------|----------------|------------------|----------------------|------------------------|-----------------|-----------------------|---------------------|
| Paint Mask Polyester |                |                  |                      |                        |                 |                       |                     |
| PM6                  | 0.92           | N/A              | 0.92                 | 0.25                   | 3.94            | Yes                   | 10 Rolls            |
| PM7                  | 0.92           | N/A              | 0.92                 | 0.125                  | 3.94            | Yes                   | 10 Rolls            |
| PM8                  | 0.92           | N/A              | 0.92                 | 0.375                  | 3.94            | Yes                   | 10 Rolls            |
| PM 367               | 0.92           | 0.92             | 0.92                 | 0.375                  | 5.86            | Yes                   | 10 Rolls            |

691V

Clear PET overlamine 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. This product has been designed and tested to specifically meet UL standard 969 as an overlamine for label applications. File number MH18515.

891

Clear PET overlamine 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.

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.

410HS

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

600 REM, 614 URM

Clear PET overlamine 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.

PM6, PM7, 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 integrity during a secondary paint or powder coating operation. The mask layer is a clear PET film and coated with a permanent emulsion acrylic adhesive that has its edges deadened. The overlamine layer is based on a clear PET film treated for smooth release and coated with a permanent emulsion acrylic adhesive. acpo ltd. has the ability to custom make any size of paint mask to meet your requirements.