



Benefits

- Overlaminating polyester resists temperature extremes, abrasion and chemical exposure for maximum label protection
- UL recognized under UL 969 - UL File No. PGJ12.MH16635 Printing Materials - Component
- CSA accepted under CSA File No. 99214

Features

- 1.0 mil matte topcoated clear overlaminating polyester provides excellent clarity and label protection
- This thin gauge film can also be used as a printable base film alternative to the standard 2.0 mil product
- Matte topcoated film designed for cross-technology printability via impact, laser, electron beam, wax, resin and wax/resin thermal transfer (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- Unique matte topcoat allows for greater than four times as many die revolutions before retooling compared with competing label materials
- Topcoat provides excellent resistance to chemicals, moisture, smudging and scratching
- Permanent pressure-sensitive acrylic adhesive bonds well to base film substrates, as well as low-surface energy plastics, metal and powder-coated paint
- Backed with an ultra smooth clear polyester release liner

Additional Details

Learn more about [Overlaminates](#)

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 3.2 | |
| Film | 1.1 +/- 10% | 28 |
| Adhesive | 0.8-0.9 +/- 0.1 | 20-23 +/- 3 |
| Liner | 1.0 +/- 5% | 25 |

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel | 48 | 528 |
| Acrylic | 61 | 671 |
| Glass | 43 | 473 |
| Polypropylene | 27 | 297 |

Test Method: ASTM D 903 (Modified for 72 hr. dwell time)

| Additional Properties | Value | Test Method |
|---------------------------------|---|---|
| Expected Shear (hours) | 25 | ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 830 | ASTM D 2979 |
| Expected Exterior Life | Two years | |
| Additional Information | | |
| Service Temperature | -40°F to 302°F (-40°C to 150°C) | |
| Minimum Application Temperature | 50°F (10°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% relative humidity | |

Product Performance and Suitability

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