

## Facestock

A tough durable polymeric plastic film exhibiting excellent resistance to oils, chemicals and some solvents. Abrasion resistance. Good choice for outdoor labeling.

|                                 |                   |
|---------------------------------|-------------------|
| <b>Basis Weight lbs/ream:</b>   | -                 |
| <b>Caliper - mils</b>           | 3.5               |
| <b>Tear - grams (MD/CD)</b>     | - / -             |
| <b>Tensile - lbs/in (MD/CD)</b> | 3900psi / 3500psi |
| <b>Opacity</b>                  | -                 |
| <b>Brightness</b>               | -                 |

## Adhesive

A water-based, acrylic resin general purpose permanent PSA formulated for a variety of end-use applications involving film facestocks. When coated to a variety of substrates, this latex-free adhesive will adhere to most surfaces.

### Application Features:

- Exhibits high initial tack, high ultimate adhesion and high shear resistance.
- Offers good resistance to UV, plasticizers and water.
- Excellent machinability for presses and high speed labeling applications.
- Conforms to FDA 21CFR 175.105 for indirect food contact, child toy safety act and CONEG regulations.

### Peel Data - oz/in\*

|                                 |         |
|---------------------------------|---------|
| <b>Stainless - 30 min @73°F</b> | 17.1 AF |
| <b>Stainless - 24 hr @73°F</b>  | 20.6 AF |
| <b>Stainless - 1 wk @158°F</b>  | 24.7 AF |
| <b>LDPE - 30 min @73°F</b>      | 13.6 AF |

### Application Data

|                                   |                |
|-----------------------------------|----------------|
| <b>Application Temperature</b>    | 35°F (minimum) |
| <b>Time for Ultimate Adhesion</b> | 24 hours       |
| <b>Service Temperature</b>        | -65°F - 200°F  |
| <b>Shelf Life</b>                 | 1 Year         |

### Tack, Shear and Static Peel Data\*

|   |          |
|---|----------|
| <b>Loop Tack - lbs/sq in</b>                  | 1.82 AF  |
| <b>Probe Tack - grams</b>                     | 387 AF   |
| <b>Shear Resistance: (1 sq in x 1 Kg) min</b> | 14220 CF |
| <b>Static Peel: (1sq in x 1 Kg) min</b>       | -        |

\* 1. AF = Adhesive Failure, CF = Cohesive Failure, AT = Adhesive Transfer  
 2. Based on application of .002 Polyester to stainless steel surface  
 3. Based on label application and ultimate adhesion at 73°F, except 1 week peel data which is based on accelerated aging.

## Backing

Semi bleached, white supercalendered clay-coated kraft liner suitable for high-speed diecutting.

|   |         |
|---|---------|
| <b>Basis Weight lbs/ream: 24 x 36-500</b> | 52.3    |
| <b>Caliper - mils</b>                     | 3.2     |
| <b>Tear - grams (MD/CD)</b>               | 44 / 48 |
| <b>Tensile - lbs/in (MD/CD)</b>           | 43 / 27 |
| <b>Opacity</b>                            | 75      |

## Shelf Life

One year from the date of manufacture. To maximize product longevity, we recommend storage out of direct sunlight at 70°F and less than 60% humidity.

## Performance

|  |             |
|--|-------------|
| <b>Total Construction Caliper (approximate):</b> | 6.7 mil ± 5 |
| <b>Substance Weight lbs/ream: 24 x 36-500</b>    | -           |

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