

# 643 MATTE POLYESTER SOFSENS

## Product Technical Information

### Features and Applications

- Matte modified surface with tactile enhancements.
- Excellent adhesion to challenging digitally printed surfaces.
- Ideal for use in labeling and flexible packaging applications such as food and cosmetics.

### Physical Properties

|                    |  |
|--------------------|--|
| Film               | 0.50 mil Matte Polyester (PET)             |
| Adhesive           | 0.42 mil High Grade Clear Emulsion Acrylic |
| Total Construction | 0.92 mil +/- 10%                           |

### Typical Technical Values

|                               | Value   | Test Method  |
|-------------------------------|---|--|
| Film Elongation at Break      | 160% MD<br>120% TD  | ASTM D882  |
| Adhesion to Steel             | 13 oz/in 30 min conditioning<br>17 oz/in 24 hr conditioning | 180° peel at 12 in/min<br>180° peel at 12 in/min<br>ASTM D3330/D3330M-04 |
| Unwind Adhesion               | 7 oz/in 30 min conditioning                                 | 180° peel at 12 in/min<br>ASTM D3811/D3811M-96                           |
| Haze of Film (%)              | 79%   | ASTM D1009   |
| Gloss                         | 15% (at 60°)  | ASTM D2457   |
| C.O.F.                        | 0.19 static, 0.16 kinetic                                   | Internal   |
| Application Temperature Range | 32°F to 150°F   |  |
| Operating Temperature         | 0°F to 220°F  |  |

### Roll Tolerances

|             |                           |
|-------------|---------------------------|
| Roll Length | +/- 5%                    |
| Roll Width  | +/- 0.0625 in (1/16th in) |

#### Storage and Handling

- Two years when stored at 70°F and 50% relative humidity.
- Rolls must be transported and stored on protected surfaces.
- Use caution when placing or removing roll from mandrel.

#### Regulatory Compliance

TBD

**Product Performance and Suitability:** We believe the statements and information contained herein are accurate but are to be used only as general guidelines and are not warrants or guarantees. Because of the variety of possible uses, there is no warranty of fitness for a particular purpose. This product may not be suitable for use on metallic or dark reverse printed labels. The buyer must test the suitability for each intended application before using. acpo, Ltd. will not be liable for damages in excess of the purchase price of its products or for incidental or consequential damages. acpo, Ltd. warrants its products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year of the initial date of shipment, acpo, Ltd. shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with acpo Ltd.'s standards, correct such defects by suitable repair or replacement without charge at acpo Ltd.'s plant or at the location of the products (at acpo Ltd.'s election); provided, however, if acpo, Ltd. determines that repair or replacement is not commercially practical, acpo, Ltd. shall issue a credit in favor of the buyer in an amount not to exceed the initial purchase price of the product from acpo, Ltd.