

**Material Specification Sheet****Product:**

M-803

**Description:**

A white opaque biaxially oriented polyester film that is top coated to promote adhesion to most printing inks and industrial coatings with a specifically formulated permanent acrylic emulsion adhesive with good quick stick and a bleached kraft liner with high internal strength.

**Recommended Applications:**

For applications requiring adhesion to steel drums and in marine use or where resistance to cleaning solutions, alcohol, ammonia, or humidity is necessary.

**Facestock:**

A white opaque biaxially oriented polyester film facestock that is top coated to promote adhesion to most printing inks and industrial coatings. It is thermal transfer printable, pencil writable and has excellent flexo printability.

|                   | <u>Value</u> | <u>Units</u>       | <u>Test Method</u> |
|-------------------|--------------|--------------------|--------------------|
| Caliper:          | 2.0          | mil                | ASTM D371          |
| Tensile: MD       | 128          | lb/in <sup>2</sup> | ASTM D882          |
| CD                | 153          | lb/in <sup>2</sup> |                    |
| Opacity:          | 92.30        | %                  | JIS P8138          |
| Reflective Gloss: | 13           | %                  | ASTM D2457         |

**Adhesive:**

A specifically formulated permanent acrylic emulsion adhesive with good quick stick adhesion and very good shear resistance.

|                   | <u>Value</u>  | <u>Units</u> |
|-------------------|---------------|--------------|
| Application temp: | +30°          | Fahrenheit   |
| Service temp:     | -30° to +200° | Fahrenheit   |

**Liner:**

A 4.6 mil bleached kraft liner with high internal strength and tear resistance for excellent die cutting.

|               | <u>Value</u> | <u>Units</u>            | <u>Test Method</u> |
|---------------|--------------|-------------------------|--------------------|
| Caliper:      | 4.6          | mil                     | TAPPI T-411        |
| Basis Weight: | 68           | lb/3000 ft <sup>2</sup> | TAPPI T-410        |
| Tensile: MD   | 55           | lb/in                   | TAPPI T-404        |
| CD            | 26           | lb/in                   |                    |
| Tear: MD      | 60           | grams                   | TAPPI T-414        |
| CD            | 75           | grams                   |                    |
| Brightness:   | 78           | %                       | TAPPI T-452        |

**Shelf Life:**

One year, under standard storage and humidity conditions

**PRODUCT DISCLAIMER**

All labels and label material constructions are sold with the understanding that the purchaser has independently determined the suitability of each product for the application for which it is purchased. The seller disclaims any implied warranty of fitness of a product for a particular purpose. All materials should be tested thoroughly by the purchaser under end-user conditions to ensure they meet the requirements of a specific application.

