

## Product: Selfwound Matt Plus 38 $\mu$ PP Film

**Description:** Matt polypropylene linerless selfwound overlamine. Provides a soft non-glare Matt finish. Excellent acid, chemical, oil and scuff resistance.

| Physical Properties |            |  |
|---------------------|------------|--|
| Film                | 25.4 $\mu$ | Matt Biaxially Oriented Polypropylene (BOPP) |
| Adhesive            | 12.7 $\mu$ | High Grade Clear Emulsion Acrylic            |
| Total Construction  | 38.1 $\mu$ | +/- 10%                                      |

| Typical Technical Values      | Value                           | Method                  |
|-------------------------------|---------------------------------|-------------------------|
| Film Elongation at Break      | 190% MD                         | ASTM D882               |
|                               | 70% TD                          |                         |
| Adhesion to Steel             | 3.55 n/25mm 30 min conditioning | 180° peel at 300 mm/min |
|                               | 4.10 n/25mm 24 hr conditioning  | 180° peel at 300 mm/min |
|                               |                                 | ASTM D3330/D3330M-04    |
| Unwind Adhesion               | 3.01 n/25mm 30 min conditioning | 180° peel at 300 mm/min |
|                               |                                 | ASTM D3811/D3811M-96    |
| Application Temperature Range | 0 to +65                        | °C                      |
| Service Temperature Range     | -17 to +82                      | °C                      |

| Roll Tolerances | Roll Length | +/- 5%    |
|-----------------|-------------|-----------|
|                 | Roll Width  | +/- 1.6mm |

**Regulatory Compliance** RoHS, RoHS2, REACH, TSCA, Toy Safety Standard ASTM F963, CEPA, CONEG, FDA 21CFR175.105, 21CFR177.1520(c) (1.1) & (3.1). California Proposition 65

### Application and use

Ideal for beverage, food and cosmetic labels.

### Packaging

The rolls are slit according to customer requirements. They are delivered on pallets or in cartons. Product description labels are fixed on rolls.

### Shelf Life and Storage Conditions

2 years when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 20 °C  $\pm$  2 °C with a relative humidity of 50%,  $\pm$  5%.

Ref: **MP38PP** Date: 27/07/23

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