



531FDA MATTE POLYPROPYLENE OVERLAMINATE

Product Technical Information

Features and Applications

- Excellent acid, chemical, oil and scuff resistance.
- Soft non-glare finish is receptive to some pen, pencil or marker.
- Meets requirements for direct face, incidental and indirect edge or seam contact and direct adhesive contact as set forth in FDA files: 21 CFR 175.105, 21 CFR 175.125 and 21 CFR 177.1520.

Physical Properties

| | |
|--------------------|---|
| Film | 1 mil Matte Biaxially Oriented Polypropylene (BOPP) |
| Adhesive | 0.5 mil High Grade Clear Emulsion Acrylic |
| Total Construction | 1.5 mil +/- 10% |

Typical Technical Values

| | Value | Test Method |
|-------------------------------|---|--|
| Film Elongation at Break | 190% MD 70% TD | ASTM D882 |
| Adhesion to Steel | 13 oz/in 30 min conditioning 15 oz/in 24 hr conditioning | 180° peel at 12 in/min 180° peel at 12 in/min ASTM D3330/D3330M-04 |
| Unwind Adhesion | 11 oz/in 30 min conditioning | 180° peel at 12 in/min ASTM D3811/D3811M-96 |
| Application Temperature Range | 32°F to 150°F | |
| Service Temperature Range | 0°F to 180°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

RoHS, RoHS2, REACH, TSCA, Toy Safety Standard ASTM F963, CEPA, CONEG, FDA 21CFR175.105, 21CFR175.125, 21CFR177.1520(c) (1.1) & (3.1). California Proposition 65

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