



531DIG MATTE POLYPROPYLENE OVERLAMINATE

Product Technical Information

Features and Applications

- Excellent acid, chemical, oil and scuff resistance.
- Ultra aggressive adhesive designed specifically for digital printers.
- Provides a soft non-glare finish.
- Ideal where an attractive, high end appearance is desired.

Physical Properties

Film	1.0 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	16 oz/in 30 min conditioning 26 oz/in 24 hr conditioning	180° peel at 12 in/min 180° peel at 12 in/min ASTM D3330/D3330M-04
Unwind Adhesion	8 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 (1/16 th 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, 21CFR177.1520(c) (1.1) & (3.1). California Proposition 65

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