



505FDA CLEAR POLYPROPYLENE OVERLAMINATE

Product Technical Information

Features and Applications

- Excellent acid, chemical, oil and scuff resistance.
- Meets requirements for direct face, incidental and indirect edge or seam contact as set forth in FDA files: 21 CFR 175.105 and 21 CFR 177.1520.
- Meets requirements for direct adhesive contact in 21CFR175.125

Physical Properties

Film	1.0 mil Clear Biaxially Oriented Polypropylene (BOPP)
Adhesive	0.3 mil High Grade Clear Emulsion Acrylic
Total Construction	1.3 mil +/- 10%

Typical Technical Values

	Value	Test Method
Film Elongation at Break	160% MD 60% TD	ASTM D882
Adhesion to Steel	13 oz/in 30 min conditioning 16 oz/in 24 hr conditioning	180° peel at 12 in/min 180° peel at 12 in/min ASTM D3330/D3330M-04
Unwind Adhesion	12 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, 21 CFR175.125, 21CFR177.1520(c) (1.1) & (3.1). California Proposition 65

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