

648LP CLEAR LASER PRINTABLE POLYESTER OVERLAMINATE

Product Technical Information

Features and Applications

- Excellent acid, chemical, oil and scuff resistance.
- Excellent adhesion to challenging digitally printed surfaces.
- Multifunctional coating provides a laser printable surface along with smooth unwind. Specific printer testing required.

Physical Properties

Film	0.48 mil Clear Polyester (PET)
Adhesive	0.50 mil High Grade Emulsion Acrylic
Total Construction	0.98 mil +/- 10%

Typical Technical Values

	Value	Test Method
Film Elongation at Break	160% MD 120% TD	ASTM D882
Adhesion to Steel	13 oz/in 30 min conditioning 17 oz/in 24 hr conditioning	180° peel at 12 in/min 180° peel at 12 in/min ASTM D3330/D3330M-04
Unwind Adhesion	10 oz/in 30 min conditioning	ASTM D3811/D3811M-96
Application Temperature Range	32°F to 150°F	
Service Temperature Range	0°F to 300°F	

Roll Tolerances

Roll Length	+/- 5%
Roll Width	+/- 0.0625 in (1/16th)

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, California Proposition 65

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