



631T MATTE THERMAL TRANSFER PRINTABLE POLYESTER OVERLAMINATE

Product Technical Information

Features and Applications

- Excellent acid, chemical, oil and scuff resistance.
- Provides a soft non-glare finish.
- Designed for thermal transfer, hot foil stamp and Videojet® printability. Specific ribbon testing required.
- Meets UL standard 969; File number MH18515.

Physical Properties

Print Receptive Coating	Light Printable Coating
Film	0.92 mil Matte Polyester (PET)
Adhesive	0.5 mil High Grade Clear Emulsion Acrylic
Total Construction	1.42 mil +/- 10%

Typical Technical Values

	Value	Test Method
Film Elongation at Break	115% MD 80% TD	ASTM D882
Adhesion to Steel	7 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 300°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, California Proposition 65, FDA 21 CFR 175.105

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