

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 and CSA C22-2; 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	
Operating Temperature	0°F to 300°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, California Proposition 65, FDA 21 CFR 175.105.

Product Performance and Suitability

We believe the statements and information contained herein are accurate but are to be used only as general guidelines and are not warrants or guarantees. Because of the variety of possible uses, there is no warranty of fitness for a particular purpose. This product may not be suitable for use on metallic or dark reverse printed labels. The buyer must test the suitability for each intended application before using. acpo, ltd. will not be liable for damages in excess of the purchase price of its products or for incidental or consequential damages. acpo, ltd. warrants its products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year of the initial date of shipment, acpo, ltd. shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with acpo, ltd.'s standards, correct such defects by suitable repair or replacement without charge at acpo, ltd.'s plant or at the location of the products (at acpo, ltd.'s election); provided, however, if acpo, ltd. determines that repair or replacement is not commercially practical, acpo, ltd. shall issue a credit in favor of the buyer in an amount not to exceed the initial purchase price of the product from acpo, ltd.