

# Platinum Paper

## Product: 505T Thermal Transfer Polypropylene Overlaminates

**Description:** Gloss Thermal Transfer Printable PP. Excellent acid, chemical oil and scuff resistance.

Physical Properties		
Film	25.4 $\mu$	Clear Biaxially Oriented Polypropylene (BOPP)
Adhesive	7.62 $\mu$	High Grade Clear Emulsion Acrylic
Total Construction	33.02 $\mu$	+/- 10%

Typical Technical Values	Value	Method
Film Elongation at Break	160% MD	ASTM D882
	60% TD	
Adhesion to Steel	3.55 n/25mm 30 min conditioning	180° peel at 300 mm/min
	4.37 n/25mm 24 hr conditioning	180° peel at 300 mm/min
Unwind Adhesion	8.75 n/25mm 30 min conditioning	ASTM D3330/D3330M-04
		180° peel at 300 mm/min
Application Temperature Range	-1 to +65	°C
Service Temperature Range	-17 to +82	°C

Roll Tolerances	Roll Length	+/- 5%
	Roll Width	+/- 1.6mm

**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

### Application and use

Designed for thermal transfer, hot foil stamp and Videojet® printability. Specific ribbon testing required. Ideal for bar code, expiration dates or other variable information applications.

### Packaging

The rolls are slit according to customer requirements. They are delivered on pallets or in cartons. Product description labels are fixed on rolls.

### Shelf Life and Storage Conditions

2 years when stored away from direct sunlight and heat, in a dark, dry place at a temperature of 20 °C  $\pm$  2 °C with a relative humidity of 50 %,  $\pm$  5%.

Ref: #505T Self-wound Gloss Laminates

**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. Platinum Paper Ltd. will not be liable for damages in excess of the purchase price of its products or for incidental or consequential damages. Platinum Paper 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 Platinum Paper, Ltd. shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with Platinum Paper Ltd.'s standards, correct such defects by suitable repair or replacement without charge at Platinum Paper Ltd.'s plant or at the location of the products (at Platinum Paper Ltd.'s election); provided, however, if Platinum Paper Ltd. determines that repair or replacement is not commercially practical, Platinum Paper Ltd. shall issue a credit in favour of the buyer in an amount not to exceed the initial purchase price of the product from Platinum Paper Ltd.