

# platinum™ - POLY

PREMIUM TRADE LAMINATE

## PREMIUM POLYPROPYLENE THERMAL LAMINATING FILM

PlatinumPOLY™ films are extruded from premium biaxially-oriented polypropylene film, and coated with 100% pure EVA adhesive and a high-bond primer, providing unmatched adhesion and ultra-clear film. Available in a high-gloss or dead-flat matte. All PlatinumPOLY™ matte films are double corona-treated for the application of foil, UV, or other top coatings, and most are available with an DigiBond™ adhesive where needed.

Platinum™ laminate films are the best of the best, being the broadest high-quality film line available. Manufactured in premium polyester (PET), polypropylene (OPP), or nylon (NYL) base films, Platinum™ laminates utilize premium copolymer resins, ensuring outstanding clarity, strength, flexibility and adhesion. The ideal commercial laminate for demanding trade laminators, printers, finishing providers, and a host of other users across the globe.

### KEY BENEFITS

- Outstanding Clarity
- Scuff Resistant (Gloss)
- Non-migratory Slip System for Stable COF
- Excellent Resistance to Grease and Oil
- Excellent Ink Adhesion and Bond Strength
- 100% Gold Seal™ Guaranteed

### SUGGESTED USES

- Book Covers
- Memo Boards
- Folding Maps
- Corporate Brochures
- Magazines
- Posters



Properties		Test Method	Gloss	Matte
Thickness			1.0 mil	1.08 mil
Yield		SKFI Test Method	30,596 in <sup>2</sup> /lb	29,942 in <sup>2</sup> /lb
Tensile Strength at Break	MD	ASTM D 1894	21,428 Psi	15,714 Psi
	TD		35,714 Psi	28,571 Psi
Elongation at Break	MD	ASTM D 882	170%	150%
	TD		55%	70%
Gloss 45° (Gloss Side)		ASTM D 2457	93 GU	8 GU
Coefficient of Friction		ASTM D 1894	0.25 - 0.35 (Gloss Layer)	0.30 - 0.50 (Matte Layer)
Surface Tension	AL	ASTM D 2578	44 dyne/cm	44 dyne/cm
	GL/ML		38 dyne/cm	38 dyne/cm
Thermal Shrinkage	MD	ASTM D 1204	4.5%	4.0%
	TD	120°C, 5 min	2.0%	2.0%
Recommended Lamination Temperature			221 ± 18°F	221 ± 18°F

MD = Main Direction    TD = Transverse Direction

AL = Adhesive Layer    GL = Gloss Layer    ML = Matte Layer  
GU = Gloss Units    ASTM = American Standard Test Method

### AVAILABLE IN

- 1.0 mil - 3.0 mil thicknesses
- Core Sizes - 3"

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