



SPECIFICATION SHEET

platinum[®] OPP ANTIBACTERIAL GLOSS / MATTE

COMMERCIAL POLYPROPYLENE THERMAL LAMINATE FILM



PlatinumOPP Antibacterial Gloss / Matte laminate films are available in a high-gloss or dead-flat matte and boast germ-inhibiting properties. This laminate is extruded from premium biaxially-oriented polypropylene film, coated with 100% pure EVA adhesive and a high-bond primer, ensuring outstanding clarity, strength, flexibility and adhesion. PlatinumOPP Antibacterial laminates are made with an organic compound that provides long-lasting antibacterial properties.

In addition to the common applications listed below, the organic nature of the antibacterial coating makes **PlatinumOPP Antibacterial** safe for use on children's books and menus.

PlatinumOPP Antibacterial is the ideal commercial laminate for commercial laminators, printers, finishing providers, and a host of other users across the globe whose customer projects require an antibacterial surface.

KEY BENEFITS

- Outstanding Clarity
- Excellent Ink Adhesion and Bond Strength
- Reusable
- Easily Cleaned with Soap and Water (Non Abrasive Agents)
- No Harsh Chemicals
- Total Satisfaction Gold Seal Guarantee™

POST-LAMINATE PERFORMANCE*

- Die-Cutting
- Folding
- Glueable
- Stampable
- Emboss-Friendly
- Offset, UV and Screen Printable

COMMON APPLICATIONS

- Pocket Folders
- Promotional Pieces
- Point of Sale Promotional
- Board Games
- Soft and Hardbound Book Covers
- Photo Books
- High Use Folding Carton Packaging
- Electronics Packaging
- Consumer Goods Packaging
- Secondary Cosmetic Packaging
- Liquor and Luxury Product Packaging
- Nutraceutical Packaging
- Jewelry Packaging
- Rigid Boxes
- Flexible Packaging
- Labels

* Testing recommended for all post-laminate finishing. UV and foil coatings will reduce the antibacterial properties in areas where applied.



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Properties	Side	Gloss	Matte	Units	Test Method / Standard
Film Type and Thickness		1.0 OPP	1.0 OPP	Mil	DIN EN ISO 534
Weight		21.5	22.1	g/m ²	N/A
Yield		31,842	30,601	in ² /lb	DIN 53375
Gloss Level at 60°		110	8	GU	ASTM D2457
Dyne Level	GL/ML	38	38	Dyne	ASTM D2578
Coefficient of Friction		0.4	0.5	μk	ASTM D1894
Application Temperature		200-230°F (94-110°C)		°F (°C)	Various Equipment - Always Test
Lamination Tensile Strength	MD	12,798	9,812	PSI	ASTM D882
	TD	19,197	18,202	PSI	
Elongation at Break	MD	184	179	%	ASTM D882
	TD	55	59	%	
Thermal Shrinkage	MD	5.8	5	%	ASTM D1204
	TD	2.8	2.8	%	
Moisture Vapor Transmission Rate		N/A	N/A	N/A	N/A
Oxygen Transmission Rate		N/A	N/A	N/A	N/A

MD = Machine Direction TD = Transverse Direction GL = Gloss Layer ML = Matte Layer
GU = Gloss Units ASTM = American Standard Test Method

Note: The information given on this specification sheet is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. Nobelus makes no warranty, express or implied, as to the fitness of the products for any specific use or purpose. The above data is purely for reader's consideration, investigation and verification.



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