Platinum® SHR Gloss Laminate

40 mic

Picture Perfect | Platinum® SHR Gloss Laminate can be combined with digital printing technology in a process called silver halide replacement (SHR™), which enables photo finishers to create high-quality photographs without the use of harmful chemicals. This laminate is specially designed to mimic the look, weight, and feel of conventional silver halide photo prints in digital applications. An embossing roller can be used on this laminate's high-gloss finish to give it the familiar lustre of a silver halide photo.

Platinum® SHR Gloss Laminate is 40 microns thick and made of biaxially oriented polypropylene (BOPP), making it highly malleable and compatible with burst separation. The heat-activated EVA adhesive layer on this laminate is compatible with thermal laminating systems.

This laminate is compatible with inkjet and digital inks. Use Platinum® OPP 25 mic Matt Laminate on the back side of digital photos to create cost-effective photo paper in-house. Nobelus® offers a wide range of thermal laminating systems designed to perform SHR for photo finishing operations of every size.

KEY FEATURES

- Emulates the Look and Feel of Silver Halide Photos
- Protects Digital Photos
- Low-Haze, High-Gloss Finish
- Can Be Embossed for Conventional Luster
- No Toxic Chemicals Required
- Thermal Laminate With EVA Adhesive

COMPATIBLE POST-LAMINATE PROCESSES*

- Die Cutting
- Embossing
- Folding

COMMON APPLICATIONS

- Portraits and Photo Prints

* Testing recommended for all post-laminate finishing.

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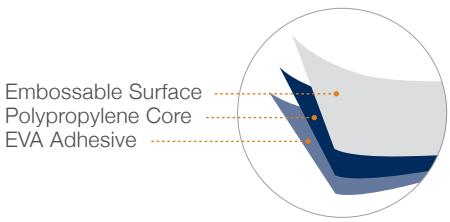

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Properties	Description	Units	Value	Tolerance	Test Method / Standard
Film Type	-	-	Polypropylene (BOPP)	-	-
Thickness	-	µm mil ga	40 1.6 157	± 10%	-
Weight	-	g/m²	37	± 5%	-
Yield	-	m²/kg	37.40	± 10%	DIN 53375
Haze		%	2	≤ 2	ASTM D1003
Gloss Level at 60°	-	Gloss Units	138	± 15%	ASTM D2457
Surface Energy	Adhesive	Dyne	44*	± 10%	ASTM D2578
	Finish		39*		
Coefficient of Friction	Finish to Finish	Dynamic	0.4	± 10%	ASTM D1894
Application Temperature	-	Celsius	90 - 105	-	Various Equipment - Always Test
Tensile Strength	MD	PSI	19,368	± 10%	ASTM D882
	TD		30,559		
Elongation at Break	MD	%	162	± 10%	ASTM D882
	TD		49		

Considerations: *Corona Treated. Dyne levels may vary due to environment, handling procedures, and time elapsed since corona treatment.

MD = Machine Direction
TD = Transverse Direction

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