

PlatinumPET™ Gloss Film

48 ga



Consistently Reliable. PlatinumPET™ Gloss Film is a clear print web film that can be used to protect ink on a variety of flexible packaging types. Its brilliant gloss appearance ensures bright colors on printed designs pop and catch the attention of consumers. This film can be used for packaging in a wide range of markets, from cannabis and electronics to specialty foods and pet products.

Because it is made of polyester (PET), PlatinumPET Gloss Film withstands high temperatures and adds rigidity and durability to packaging, making it ideal for stand-up pouches. It measures 48 ga thick and is compatible with both surface and reverse printing. An unsupported film with no adhesive layer, this film must be applied via a wet adhesive using a conventional press or wet laminating system.

KEY FEATURES

- Print Web Film
- Clear Gloss Finish
- Supplies Durability and Structure
- Endures High Temperatures (Not Suitable for Retort Packaging)
- Accepts Surface and Reverse Printing
- Solventless/Solvent-Based Lamination

PRINTING METHODS

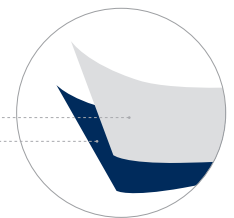
- Digital
- Flexographic

SUGGESTED PACKAGING FORMATS

- Sachets
- Stand-Up Pouches
- Stick Packs
- Three-Sided Sealed Bags

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Amorphous Layer
Polyester Core



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Properties	Description	Units	Value	Tolerance	Test Method / Standard
Film Type	Polyester	-	-	-	-
Thickness	-	Gauge	48	± 5%	-
Yield	-	in ² /lb	41,200	± 5%	-
Tensile Strength at Break	MD	PSI	40,700	± 10%	ASTM D882
	TD		36,700		
Young's Modulus	MD	PSI	733,900	± 10%	ASTM D882
	TD	PSI	749,600		
Elongation at Break	MD	%	110	± 15%	ASTM D882
	TD		120		
Heat Shrinkage at 150°C / 30 minutes	MD	%	2.2	± 25%	ASTM D1204
	TD		1	± 50%	
Coefficient of Friction	Film to Film	Static	0.4	Minimum	ASTM D1894
		Dynamic	0.4		
Gloss Level at 60°	Clear Side	%	90	± 10%	ASTM D523
Surface Energy	Treated Side	Dyne/cm	-	± 8%	ASTM D2578
Oxygen Transmission Rate at 73°F / 0% RH	-	cc/100 in ² /24hr	8	± 15%	ASTM D3985
Water Vapor Transmission Rate at 100°F / 90% RH	-	g/100 in ² /24hr	2.9	± 15%	ASTM F1249

MD = Machine Direction TD = Transverse Direction

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.

STANDARD SIZES - UF1103-048

Part Number	Description	Width	Length
UF1103-048.3.3000.10000	PlatinumPET™ Gloss Film, 48 ga	30"	10,000'
UF1103-048.3.3000.20000	PlatinumPET™ Gloss Film, 48 ga	30"	20,000'

Core Size: 3" | **Wind Direction:** Apply Adhesive In (Treated Side)

Sample rolls, sized 30" wide x 5,000' long, are available. Custom slitting services are available to accommodate widths outside standard sizes with an MOQ of 2 rolls. A 10% surcharge will be applied, and lead time for order fulfillment may be delayed.

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