

luxefilm SCUFFPROOF® ANTIBACTERIAL

SPECIALTY THERMAL LAMINATE FILM



LuxeFilm ScuffProof Antibacterial laminate film is a premium scuff-protection film boasting germ-inhibiting properties. ScuffProof Antibacterial is produced using a unique curing technology that increases the surface hardness of the BOPP film. This process creates an extremely durable scuff and burnish-proof finish. In addition, ScuffProof Antibacterial laminate is made with a silver ion technology that provides long-lasting antibacterial properties. Together, these features create a powerhouse laminate for high touch consumer products that require an ultra-smooth, ultra-protective and antibacterial surface.

KEY BENEFITS

- Completely Scuff and Burnish Resistant
- Extreme Surface Hardness
- Easily Cleaned with Soap and Water (Non Abrasive Agents)
- Highly Cost Competitive
- No Harsh Chemicals
- Accepts Spot UV

POST-LAMINATE PERFORMANCE*

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

COMMON APPLICATIONS

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

Properties	Side	Value	Units	Test Method / Standard
Film Type and Thickness		1.2 OPP	Mil	DIN EN ISO 534
		30	Microns	
Weight		26.5	g/m ²	N/A
Yield		38	m ² /kg	DIN 53375
Gloss Level at 60°		4.5	GU	ASTM D2457
Dyne Level		40-44	Dyne	DIN 55660-2
Coefficient of Friction		0.69	KE	ASTMD 1894
Application Temperature		200-230°F (94-110°C)	°F (°C)	Various Equipment- Always Test
Lamination Tensile Strength	MD	15.71	PSI	ASTM D882
	TD	28.57	PSI	
Elongation at Break	MD	150	%	ASTM D882
	TD	70	%	
Thermal Shrinkage	MD	4	%	ASTM D1204
	TD	2	%	
Moisture Vapor Transmission Rate		N/A	N/A	N/A
Oxygen Transmission Rate		>200	cm ³ /m ² /day	ASTM D3985

A = Adhesive Side B = BOPP Side 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.

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

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