

# ScuffProof™ Laminate

30 mic



**Protect Your Brand** | ScuffProof™ Laminate is a thermal laminate that provides print and packaging with complete resistance to scratching, scuffing, and burnishing while giving designs a matt appeal. Its hard-coated surface will not wear down with repeated use or frequent handling in retail settings, making it an excellent finishing option for folding cartons, board games, pocket folders, book covers, and more.

Measuring 30 microns, ScuffProof Laminate is made of biaxially oriented polypropylene (BOPP), which means it is compatible with thermal laminating systems that utilize burst separation. It accepts a wide range of post-laminate processes, including embossing, gluing, spot UV, and stamping. The thermally-activated adhesive backing on this laminate forms a strong bond with HP® Indigo, flexographic, and conventional offset inks.

## KEY FEATURES

- Completely Scratch Resistant
- Durable, Hard-Coated Surface
- Prevents Spoilage From Abrasion
- Excellent Colour Accuracy
- Thermal Laminate With EVA Adhesive

## COMPATIBLE POST-LAMINATE PROCESSES\*

- Die Cutting
- Folding
- Spot Varnish and UV
- Embossing
- Gluing
- Stamping

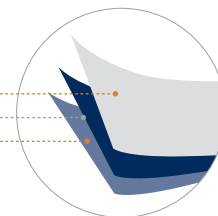
## COMMON APPLICATIONS

- Board Games
- Brochures
- Business Cards
- Folding Cartons
- Pocket Folders
- Postcards and Direct Mail
- Rigid Boxes
- Sachets
- Signage
- Soft and Hardbound Book Covers
- Stand-Up Pouches
- Stationery and Greeting Cards
- Three-Sided Sealed Bags
- Trading Cards

\* Testing required for all post-laminate finishing.

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Burnish-Proof Layer  
Polypropylene Core  
Thermally-Activated Adhesive



--- Corona Treated

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Properties	Description	Units	Value	Tolerance	Test Method / Standard
Film Type	-	-	Polypropylene (BOPP)	-	-
Thickness	-	µm mil ga	30 1.2 118	± 5%	DIN EN ISO 534
Weight	-	g/m <sup>2</sup>	30.0	± 5%	ISO 536
Yield	-	m <sup>2</sup> /kg	33.36	± 5%	DIN 53375
Haze	-	%	89.7	± 5%	ASTM D1003
Gloss Level at 60°	-	Gloss Units	3 - 6	± 5%	ASTM D2457
Surface Energy	-	Dyne	46*	± 5%	DIN 55660-2
Application Temperature	-	Celsius	95 - 115	-	Various Equipment - Always Test
Tensile Strength	MD	kg/mm <sup>2</sup>	5.96	± 5%	ASTM D882
	TD		12.61		
Elongation at Break	MD	%	186	± 5%	ASTM D882
	TD		98		

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

MD = Machine Direction  
TD = Transverse Direction

## STANDARD SIZES - LFSP

Part Number	Description	Width (mm)	Length (m)
LFSP.076.0315.02000	ScuffProof™ Laminate	315	2000
LFSP.076.0328.02000	ScuffProof™ Laminate	328	2000
LFSP.076.0440.02000	ScuffProof™ Laminate	440	2000
LFSP.076.0450.02000	ScuffProof™ Laminate	450	2000
LFSP.076.0510.02000	ScuffProof™ Laminate	510	2000
LFSP.076.0630.02000	ScuffProof™ Laminate	630	2000
LFSP.076.0710.02000	ScuffProof™ Laminate	710	2000
LFSP.076.0720.02000	ScuffProof™ Laminate	720	2000
LFSP.076.0755.02000	ScuffProof™ Laminate	755	2000

**Core Size:** 76 mm | **Wind Direction:** Adhesive In

Sample rolls available upon request. Non-standard roll sizes can be made to order and will be subject to special pricing. Lead time for or der fulfilment may be delayed.

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