



SmudgeProof™ Laminate

31 mic



Be Prepared for Anything. SmudgeProof™ Laminate prevents fingerprints and smudges from obscuring designs on a wide variety of print and packaging, such as business cards, folding cartons, and book covers. Its matt surface has a soft, rose petal feel that elevates packaging and helps brands form an instant connection with consumers. It is non-reflective and helps protect designs from oil, moisture, and dirt.

SmudgeProof Laminate measures 31 microns thick and is made of biaxially oriented polypropylene (BOPP). This makes it compatible with thermal laminators that use burst separation. It is receptive to many post-laminate processes, such as spot UV, folding, gluing, and stamping, and its ethylene vinyl acetate co-polymer (EVA) adhesive layer is compatible with conventional offset, flexographic, and HP® Indigo inks.

KEY FEATURES

- Prevents Fingerprinting and Smudging
- Soft, Tactile Finish
- Low Glare and Non-Reflective
- Preserves Colour Accuracy
- Thermal Laminate With EVA Adhesive

COMPATIBLE POST-LAMINATE PROCESSES*

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

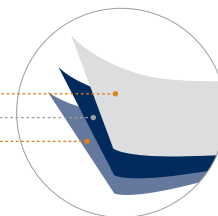
COMMON APPLICATIONS

- Board Games
- Brochures
- Business Cards
- Folding Cartons
- Menus
- 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 recommended for all post-laminate finishing.

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Fingerprint-Resistant Layer
Polypropylene Core
EVA Adhesive



--- Corona Treated

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Properties	Description	Units	Value	Tolerance	Test Method / Standard
Film Type	-	-	Polypropylene (BOPP)	-	-
Thickness	-	µm mil ga	31 1.2 122	± 5%	DIN 863-1
Weight	-	g/m ²	26	± 5%	-
Yield	-	m ² /kg	38.30	± 5%	DIN 53375
Haze	-	%	94	± 5%	ASTM D1003
Gloss Level at 85°†	-	Gloss Units	11.5	± 5%	ASTM D2457
Surface Energy	Adhesive	Dyne	42*	≥ 42	ASTM D2578
	Finish		40*	≥ 40	
Application Temperature	-	Celsius	100 - 115	-	Various Equipment - Always Test
Tensile Strength	MD	kg/mm ²	11.01	± 10%	ASTM D882
	TD		20.09		
Elongation at Break	MD	%	150	± 5%	ASTM D882
	TD		70		

Considerations: *Corona Treated.

Dyne level may vary due to environment, handling procedures, and time elapsed since corona treatment.

†The gloss level has been measured at 85 degrees due to the very matt surface. If measured at a geometry of 60 degrees, the gloss level is under 1 and not within a measurable range.

MD = Machine Direction

TD = Transverse Direction

STANDARD SIZES - LFKSR

Part Number	Description	Width (mm)	Length (m)
LFKSR.076.0315.02000	SmudgeProof™ Laminate	315	2000
LFKSR.076.0328.02000	SmudgeProof™ Laminate	328	2000
LFKSR.076.0450.02000	SmudgeProof™ Laminate	450	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 order fulfilment may be delayed.

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