

# FineGrit™ Laminate

50 mic



**Go With the Grain** | FineGrit™ Laminate is a rugged thermal laminate that gives prints and packaging a light, sandy feel. This rough-touch finish provides a unique contrast to popular soft-touch options, helping it stand out on the shelf to form an immediate connection with consumers. Its stippled surface is extremely durable and will not wear off from scuffing or scratching. This makes it an ideal finishing option for applications that will be used repeatedly, such as board games, pocket folders, and book covers.

FineGrit Laminate measures 50 microns thick and is made of biaxially oriented polypropylene (BOPP), which means it is compatible with thermal laminators that use burst separation. It is receptive to a wide range of post-laminate processes, including die cutting and folding. Its thermally activated ethylene vinyl acetate co-polymer (EVA) backing reliably adheres to offset, flexographic, and HP® Indigo inks.

## KEY FEATURES

- Light, Sandy Texture Has a Rugged Appeal
- Durable Finish Will Not Scuff
- Superb Colour Accuracy
- Clear Topcoat Enables Designs to Show Through
- Thermal Laminate With EVA Adhesive

## COMPATIBLE POST-LAMINATE PROCESSES\*

- Die Cutting
- Gluing\*\*
- Printing – Offset, UV, and Screen\*\*
- Spot Varnish and UV\*\*
- Stamping\*\*
- Folding

## COMMON APPLICATIONS

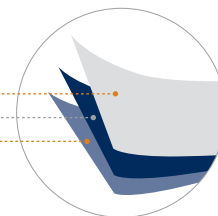
- Board Games
- Brochures
- Business Cards
- Folding Cartons
- Loyalty and Gift Cards
- Pocket Folders
- Postcards and Direct Mail
- Rigid Boxes
- Sachets
- Soft and Hardbound Book Covers
- Stand-Up Pouches
- Stationery and Greeting Cards
- Three-Sided Sealed Bags

\* Testing recommended for all post-laminate finishing.

\*\* Uneven surface may affect receptiveness to certain processes. Testing is required. A minimum of 12g/m<sup>2</sup> coating is required to cover the textured surface.

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Gritty 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	50 2.0 197	± 10%	DIN 863-1
Weight†	-	g/m <sup>2</sup>	30	± 5%	-
Yield†	-	m <sup>2</sup> /kg	33.86	± 5%	DIN 53375
Haze	-	%	91	± 5%	ASTM D1003
Gloss Level at 60°†	-	Gloss Units	8	± 5%	ASTM D2457
Surface Energy	Adhesive	Dyne	42*	≥ 42	ASTM D2578
	Finish		40*	≥ 40	
Application Temperature	-	Celsius	95 - 115	-	Various Equipment - Always Test
Tensile Strength	MD	kg/mm <sup>2</sup>	11.04	± 5%	ASTM D882
	TD		20.09		
Elongation at Break	MD	%	150	± 5%	ASTM D882
	TD		70		

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

†Values are subject to change or cannot be measured exactly due to uneven surface.

MD = Machine Direction

TD = Transverse Direction

## STANDARD SIZES - TL2001

Part Number	Description	Width (mm)	Length (m)
TL2001.076.0325.01500	FineGrit™ Laminate	325	2000
TL2001.076.0755.01500	FineGrit™ 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 order fulfilment may be delayed.

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