

# Karess™ Laminate

34 mic



**Simply Luxurious** | Karess™ Laminate is a premium soft-touch thermal laminate that gives prints and packaging a memorable, luxurious appeal to form an instant connection with consumers. The laminate's rich, velvety soft surface prevents reflections and glare from obscuring printed designs while preserving the clarity of print. It adds a high-quality feel to business cards, folding cartons, book covers, and a wide variety of other applications.

Karess Laminate measures 34 microns thick and is made of biaxially oriented polypropylene (BOPP), making it compatible with burst separation. It can receive many different types of post-laminate processes, including gluing, spot UV, and embossing. This laminate has an EVA adhesive backing that is compatible with offset, flexographic, and HP® Indigo inks.

## KEY FEATURES

- Premium, Velvety Soft Finish
- Gives Prints a Luxurious Feel
- Low-Glare, Non-Reflective Surface
- Impressive Clarity
- Thermal Laminate With EVA Adhesive

## COMPATIBLE POST-LAMINATE PROCESSES\*

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

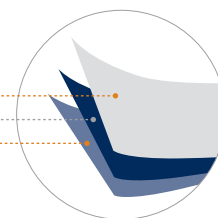
## COMMON APPLICATIONS

- 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
- Trading Cards

\* Testing recommended for all post-laminate finishing.

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Soft-Touch 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 ga mil	34 136 1.4	± 3%	-
Weight	-	g/m <sup>2</sup>	31.23	± 3%	-
Yield	-	m <sup>2</sup> /kg	32.02	± 3%	DIN 53375
Haze	-	%	99	± 3%	ASTM D1003
Gloss Level at 60°	-	Gloss Units	3.5	± 3%	ASTM D2457
Surface Energy	Adhesive	Dyne	38*	± 1 Dyne	ASTM D2578
	Finish		38*		
Coefficient of Friction	Finish to Finish	Dynamic	0.65	± 5%	ASTM D1894
Application Temperature	-	Celsius	90 - 120	-	Various Equipment - Always Test
Tensile Strength	MD	kg/mm <sup>2</sup>	7.10	± 5%	ASTM D882
	TD		11.31		
Elongation at Break	MD	%	225	± 3%	ASTM D882
	TD		88		
Thermal Shrinkage	MD	%	3.5	± 5%	ASTM D1204
	TD		1.4		

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

MD = Machine Direction  
TD = Transverse Direction

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**NOTE:** The information given above is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. Nobelus<sup>®</sup> 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.

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## STANDARD SIZES - LFSTG

Part Number	Description	Width (mm)	Length (m)
LFSTG.076.0315.02000	Karess™ Laminate	315	2000
LFSTG.076.0328.02000	Karess™ Laminate	328	2000
LFSTG.076.0445.02000	Karess™ Laminate	445	2000
LFSTG.076.0450.02000	Karess™ Laminate	450	2000
LFSTG.076.0510.02000	Karess™ Laminate	510	2000
LFSTG.076.0520.02000	Karess™ Laminate	520	2000
LFSTG.076.0630.02000	Karess™ Laminate	630	2000
LFSTG.076.0710.02000	Karess™ Laminate	710	2000
LFSTG.076.0720.02000	Karess™ Laminate	720	2000
LFSTG.076.0755.02000	Karess™ Laminate	755	2000
LFSTG.076.0890.02000	Karess™ Laminate	890	2000
LFSTG.076.1010.02000	Karess™ Laminate	1010	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.