

**LAM060-FRI - 100% PVC FREE**

LAM060-FRIseries is a self-adhesive film for digitally printed images lamination. The transparent PO face film, UV stabilised, has an external colour stability up to 3 years. The permanent solvent-based adhesive adheres on films printed with solvent, eco-solvent, latex and UV inks.

The 62 g/m² glassine liner provides a good adhesive smoothness. All products are REACH & RoHS compliant.

Applications

Short-term outdoor & indoor lamination film for advertising on INKJE100-FRI media. Protecting printed media from abrasion and retard colour fading. The LAM060-FRI provides homogeneous gloss finish

Face Material

Gloss clear polyolefin.

Type	Polyolefin	
Colour and Finish	Clear	
Face thickness, without adhesive	60 µm	ISO 534-80
Face thickness, with adhesive	80 µm ±10%	ISO 534-80
Dimensional stability <small>(1 week @70 °C on glass)</small>	0.3 mm	FTM 14
Tensile Strength MD	> 25 N/mm ²	ASTM D882
Tensile Strength CD	> 30 N/mm ²	ASTM D882
Elongation at break (machine direction)	> 50 %	ISO 527
Outdoor vertical exposure durability	UP TO 3 YEARS	

Adhesive

The printed media to laminate should dry minimum 24h prior to lamination. Laminate without tension on the printed media.

Type	permanent clear solvent based acrylic	
Min. Appl. Temp.	+10 °C	
Service Temperature	-40°C/+90°C	
Initial adhesion on glass (20 minutes)	12 N/25mm	FINAT FTM1
Adhesion on glass (24 hours)	15 N/25mm	FINAT FTM1
Final adhesion on glass (1 week)	20 N/25mm	FINAT FTM1



Liner

Type

The 62 g/m² glassine liner provides a good adhesive smoothness

Converting Method

Compatible with solvent, eco-solvent, latex and UV inks. To be laminated with a laminator.

Shelf life

Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions.
Higher temperatures and/or humidity levels will reduce product shelf life.

Disclaimer

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Considering the multiple uses of Carl Jensen's products, the user is recommended to test the products prior to their use, so to determine and ascertain the suitability and performance of the product for its intended application and purpose.

The methods of conversion and application of Carl Jensen's self-adhesive materials are multiple and it is therefore essential that the users are aware of the particular method to be used, prior to commencing the production.

Printing: Testing for compatibility between product, printers and inks is always highly recommended before printing the product.

Application Systems and Conditions: it is recommended that the performance of the product be always tested in the actual applications conditions as substrate state (rough, smooth, flat or irregular shapes, moderate curves, with or without rivets); applicator technology (hand application or fully automated lines); specific stress on Carl Jensen material once applied (high and/or low temperature, mechanical stress, exposure to challenging environment conditions), et cetera.

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