

LF 8700 UV Series

(LUV 3800 Series)

PRODUCT DESCRIPTION

Premium monomeric calendared self-adhesive laminating film

Face material:

LF 8700 CG - UV: 80µm clear gloss PVC

LF 8700 CM - UV: 80µm clear matt PVC

LF 8700 CS - UV: 80µm clear satin PVC

Adhesive:

Solvent acrylic high-tack transparent

Liner:

Clay coated 100 g/sqm

TYPICAL USE

Laminating films specifically designed for the JT 8700 Series for short to medium-term indoor and outdoor applications on flat and slightly curved surfaces in order to:

- provide a better adhesion on UV inks while reducing the silvering effect
- retard colour fade and protect printing media against UV radiation and abrasion
- enhance colours of the prints
- customize the media with homogeneous matt, glossy and satin finishes

PROCESSING

Specifically designed for media printed with UV curable inks, the LF 8700 UV Series is also compatible with media printed with solvent, eco-solvent & Latex inks.

LF 8700 UV Series needs to be laminated on JT 8700 Series to achieve optimal protection and durability.

For specific settings of the laminator, please consult the technical manual that comes with the laminator from the original supplier.

The printed media should be perfectly dry prior to lamination and be left to dry for at least 24h.

Mactac Laminating media must be applied following the instructions in TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media", available from the resource section at www.mactacgraphics.eu.

SHELF LIFE

2 years when stored at +15 to +25°C and ± 50 % relative humidity (in the original packaging).

CHEMICAL RESISTANCE

Resistant to short periods of immersion in water and short contact with detergents, alcohol and some aliphatic solvents. Not suitable for contact with

ketones, esters, aromatic solvents and chlorinated hydrocarbons.

PHYSICAL PROPERTIES (TYPICAL VALUES)

Adhesive data, 23°C (N/25 mm)	Average values	Test method
Quick tack on glass	12	FTM 9
Peel 24 hours on glass	22	FTM 1

Dimensional stability

Shrinkage (48 hours at 70°C applied on aluminium)	<0.75 mm	FTM 14
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Temperature ranges

Minimum application temperature	+ 10°C
Service temperature range of use	- 30°C to + 60°C

Certifications

Fire certification	Self-extinguishing	Mactac Test Method
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EXPECTED DURABILITY*

Central Europe Zone 1

Unprocessed	4 years	ISO 4892-2.
Laminated	3 years	ISO 4892-2.

*For more information, refer to Technical Bulletin 7.5: "Outdoor Durability of combined MACTac print media and laminates".

Note : Overlamination of the inkjet-printed material delays the eventual colour fading that may occur over time. This colour fading is dependent on the quality of the inkjet inks, the orientation of the printed material, the angle of display and the exact geographical location of exposure.

Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure. No durability warranty is given for horizontal exposure.

DISCLAIMER

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