

## LF 10700 CG-UV, LF 10700 CM-UV

### PRODUCT DESCRIPTION

Premium clear cast PVC overlaminating film.

#### Face material:

LF 10700 CG-UV: 30µm clear gloss

LF 10700 CM-UV: 30µm clear matt

#### Adhesive:

Clear solvent acrylic transparent

#### Liner:

Clay coated 135 g/sqm

### TYPICAL USE

LF 10700 UV Series films are specifically designed for the JT 10000 Series for long-term indoor and outdoor applications on corrugated (3D) surfaces and vehicle wrapping.

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

LF 10700 UV Series may also be used for WW 100 Pro.

### PROCESSING

Specifically designed for media printed with UV curable inks, the LF 10700 UV Series is also compatible with media printed with solvent, eco-solvent & Latex inks.

LF 10700 UV Series needs to be laminated on JT 10700 Series, or WW 100 Pro 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](http://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 recommended for contact with ketones, esters, aromatic solvents and chlorinated hydrocarbons.

### PHYSICAL PROPERTIES (TYPICAL VALUES)

Adhesive data, 23°C      Average values      Test method  
(N/25 mm)

Quick tack on Stainless Steel:		
LF 10700 CG-UV	12	FTM 9
LF 10700 CM-UV	9.4	
Peel 24 hours on Stainless Steel:		
LF 10700 CG-UV	16	FTM 1
LF 10700 CM-UV	14.2	

#### Dimensional stability

Shrinkage (48 hours at 70°C applied on aluminium)	< 0.3 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
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### EXPECTED DURABILITY\*

Central Europe Zone 1

Laminated	4 years	ISO 4892-2.
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Note : 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.

**Important notice:** Information on physical and chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use.

All technical data are subject to change. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.

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