

EMBLEM Production Lamination Film Matt

The laminates of the EMBLEM Production Lamination Film Series are made for print finishing and protection of slight mechanical influences. The lamination film is for cold lamination processing.

Matchcode:	PROLAMMA
Material:	soft PVC, monomeric
Finish:	matt
Colour:	clear
Thickness:	80 µm
Adhesive:	transparent, permanent acrylate, solvent-free
Liner:	siliconized kraft paper, 135 g/m ²
Adhesion power:	14 N / 25 mm acc. FINAT 1 - 24h contact (average value)
Dimensional stability:	≤ 1% - 7 days, 50 °C, stainless steel
Temperature resistance:	- 20 °C to + 70 °C
Application temperature:	min. + 10 °C
Fire behaviour:	acc. DIN 4102-1, class B1, stucked on metal
Standard roll width:	1050 / 1370 / 1520 mm
Standard roll length:	50 m
Lamination film:	face out
Durability:	3 - 4 years outdoor under condition of Middle European climate
Storage:	cool and dry environment, at 15-25 °C, 50 % rel. humidity
Shelf life:	24 month in original boxes

Different printers, inks, resolutions and printing qualities result into numerous different printing parameters. In addition, there are numerous factors influencing processing and the application of our materials. For this reason, we cannot make specific statements as to drying times and maximum ink absorption. For this reason, we recommend you to perform own tests in order to verify the desired results. Our product specifications are not to be understood as legally binding guarantees assuring specific characteristics. Any liabilities and guarantees, as well as claims for compensation beyond the value of the product itself are excluded.



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Description:

EMBLEM PROLAMMA lamination film is a matt monomeric 80 µm PVC film. The solvent-free adhesive is characterised by a high colour neutrality and provides by this genuine colours. The high-quality kraftliner gives the laminate a good stability for further processing without problems. EMBLEM PROLAMMA passed the test of flammability (building class B1) according to DIN 4102-1 with the result B1.

This European-made film is free of phthalate plasticizer and meets the EU Regulation 1907/2006 (REACH) and the EU Directive 2002/95 / EC (ROHS).

The durability of EMBLEM Production Lamination Film Series amounts 3 to 4 years when properly used (vertical exposure). Because many factors affect the durability, the lifetime of the laminated product may be shorter. The user should perform self-tests.

Processing:

The laminate is processed in cold lamination process and has excellent durability against humidity and yellowing. Lamination can be cut right to or over the edges. Usually there is no danger of water moving in between laminate and print. It depends on the printing material if water can get in or not. The user should check before using what is more appropriate. We recommend a lamination process with overlap of approx. 3 mm when critical printing media is used. The product is made for dry application processing.

For an excellent lamination without silvering from the first minute we recommend warm lamination processing up to 50 °C.

Product recommendation:

We recommend to use monomeric self-adhesive film EMBLEM PROVIM series for printing in addition to PROLAM series lamination film.