

## EMBLEM Monomeric Lamination Film Matt 70

EMBLEM Monomeric Lamination Film Matt 70 is a matt, transparent, self-adhesive, monomeric calandered PVC film. The laminate is used for print finishing and protection against slight mechanical damages. The film contains UV stabilizers to protect the adhesive and the print.

Matchcode:	<b>MOLAMMA70</b>
Material:	PVC film, monomeric
Finish:	matt
Colour:	transparent
Thickness:	70 µm
Adhesive:	highly transparent, solvent-free polyacrylate, permanent
Adhesive weight:	30 g/m <sup>2</sup>
Liner:	one-side siliconised, white, glassine paper, 63 g/m <sup>2</sup>
Adhesion:	11 N/ 25 mm - 24 h AFERA 5001 (min. adhesive force)
Temperature resistance:	-40 to +80 °C
Application temperature:	min. +10 °C
Fire behaviour:	not easily flammable - B1 – acc. DIN 4102 on metal surfaces
Standard roll width:	1050 / 1370 / 1600 mm
Standard roll length:	50 m
Lamination film:	face in
Durability:	2 years outdoors when applied vertically, under Central European climate conditions
Storage:	cool and dry at 15-25 °C, 50 % rel. humidity
Shelf life:	24 months in original packing

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.

## EMBLEM Monomeric Lamination Film Matt 70

### Description:

EMBLEM Monomeric Lamination Film Matt 70 is a matt, transparent, self-adhesive, monomeric, calandered PVC film. In the print finishing the laminate is used to give the print an even gloss level. In addition, the laminate protects against slight mechanical damage. The film contains UV stabilizers to protect the adhesive and the print. The highly transparent adhesive is characterised by a high degree of neutrality, which ensures that the colours of the print are not distorted after the lamination process. The high adhesive weight makes it possible to use MOLAMMA70 also for lamination of UV prints.

This article produced in Germany complies with the EU regulation 1907/2006 (REACH). The use of the film in outdoor applications regularly lasts at least 2 years. The actual service life depends on the location, position and type of application and does not refer to the ink. The experience of the last years shows that under medium or favourable conditions the laminate can be used beyond the 2 years in many cases.

### Processing:

The laminate is processed in cold lamination process. The laminated end product can be trimmed edge-to-edge without the risk of water getting in between the laminate and the print under normal conditions. The print material also influences whether water can penetrate. For critical print media, we therefore recommend a lamination with an overlap of approx. 3 millimetres. Processing the laminate using the wet bonding method is not advisable. By using a laminator with a heatable roller (processing temperature up to 50 °C), you obtain a particularly good bond between the adhesive and the print material, and you also reduce the risk of a silvering effect.

### Product recommendation:

In addition to the laminating films of the MOVILAM series, we recommend to use the monomeric printing films of the EMBLEM MOVI series for printing.