

EMBLEM Polymeric Lamination Film Matt 70

EMBLEM Polymeric Lamination Film Matt 70 is a self-adhesive PVC protection laminate for print finishing in the graphic industry. The pressure-sensitive adhesive allows a fast and effective processing when laminating from roll. The film contains UV stabilizers to protect the adhesive and the print.

Matchcode:	POLAMMA70
Material:	PVC film, polymeric
Finish:	matt
Colour:	transparent
Thickness:	70 µm
Adhesive:	highly transparent, solvent-free polyacrylate, permanent
Adhesive weight:	30 g/m ²
Liner:	one-side siliconised, white, glassine paper, 63 g/m ²
Adhesion power on glass:	11 N/ 25 mm - 24 h AFERA 5001 (min. adhesive force)
Temperature resistance:	-40 °C to +90 °C
Application temperature:	min. + 10 °C
Fire behaviour:	not easily flammable - B1 – acc. DIN 4102 on metal surfaces
Standard roll width:	760 / 1050 / 1370 / 1520 / 1600 mm
Standard roll length:	50 m
Lamination film:	face in
Durability:	5 years outdoors when applied vertically, under Central European climate conditions
Storage:	at 15 °C - 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 Polymeric Lamination Film Matt 70 is a matt, transparent, self-adhesive, polymeric calendered PVC film. In the print finishing the laminate is used to give the print an even gloss level. The laminate also protects against slight mechanical damage, abrasion and moisture. The film contains UV stabilizers to protect the adhesive and the print. The environmentally friendly solvent-free adhesive is characterised by a high degree of neutrality and transparency, which ensures that the colours of the print are not distorted after the lamination process. The high adhesive weight allows POLAMMA70 to be used for lamination of UV prints. The print active adhesive allows a fast and effective processing when laminating from roll.

The film corresponds to fire protection class B1 according to DIN 4102-1 and can therefore also be used indoors. This article produced in Germany complies with the EU regulation 1907/2006 (REACH).

The duration of use of the film in outdoor areas is 5 years when applied professionally. The actual service life depends on the location, position and type of application and does not refer to the print.

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 EMBLEM POLAM series, we recommend to use the monomeric printing films of the EMBLEM POVI series for printing.