

EMBLEM Polymeric Vinyl Glossy 80 G P Easy Bond

EMBLEM Polymeric Vinyl Glossy 80 G P Easy Bond is a white, self-adhesive, polymeric calendered vinyl film with a glossy surface. The grey pigmented adhesive is designed for an easy processing and bubble-free bonding because of the micro air channels. The back side of the vinyl is covered with a high quality PE liner.

Matchcode:	POVIGL80GPEB
Material:	PVC film, polymeric
Finish:	glossy
Color:	white
Thickness:	80 μ m
Adhesive:	grey, permanent polyacrylate, solvent free
Liner:	one-side siliconised PE liner, 140 g/m ²
Adhesion:	11 N/ 25 mm - 24 h AFERA 5001 (min. adhesive force)
Temperature resistance:	-40 °C to +80 °C
Application temperature:	more than +10 °C
Fire behaviour:	not easily flammable - B1 – acc. DIN 4102 on metal surfaces
Standard roll width:	762 / 1050 / 1370 / 1520 / 1600 mm
Standard roll length:	50 m
Durability:	7 years outdoors when applied vertically, under Central European climate conditions
Storage:	cool and dry environment, at 15-25 °C, 50 % rel. humidity
Shelf life:	24 months in original packing

COMPATIBLE INKS:

Eco solvent:	yes	UVC:	yes
Solvent:	yes	Latex:	yes

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 Vinyl Glossy 80 G P Easy Bond consists of a glossy, white, polymeric soft PVC film. The high quality PE-liner provides a good dimensional stability during the further processing. The micro air channels in the adhesive allow a faster processing without air bubbles. The micro-structures of the adhesive are not visible in the printed image. The grey permanent adhesive can be easily repositioned during application and covers high-contrast substrates excellently. POVIGL80GPEB can be used to create waterproof prints with standard eco solvent, solvent, latex and UVC inks. Due to the excellent colour reproduction and special drying properties, high quality and detailed prints can be produced on the film. The closed adhesive surface is also suitable for wet process application. The film complies with 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 is 7 years in outdoor applications. The durability in outdoor use refers to the film and the adhesive. The durability of the print is determined by the inks used, climatic conditions and the laminate that may be used.

Processing:

Films with Easy Bond adhesive are processed in a dry process. The application is done on flat and cylindrical surfaces. The substrate to be glued must be carefully cleaned of dirt, dust, grease, etc. A compatibility test between substrate and adhesive is recommended. Prints should be covered with a laminate to protect against abrasion. Insufficient drying of the prints can have a negative effect on the adhesive. Even before laminating, it is important to ensure that the print is completely dry and outgassed, otherwise bubbles may form under the laminate.

Application:

Typical applications are medium-term indoor and outdoor advertising messages, displays and construction panels.