

PRODUCT DATA SHEET



DECOREX D-MX Easy Liner



Film

Metallised high-gloss polyester film with mirror-like finish (50 micron) in gold, silver, or copper, also for outdoor application.

Adhesive

Permanent, solvent-free, high-quality acrylic adhesive

Release Liner

130gsm embossed, 2-sided PE-coated special silicone paper with our EASY LINER air channel technology. During the production process, microchannels are formed in the adhesive film, which make possible an easy, efficiently and bubble-free application.

Application fields / features

Decorative lettering and exclusive, creative design solutions on glass and many other surfaces.

Technical characteristics

Film thickness* [DIN EN ISO 2286-3]	0,050mm (50micron / 2mil)
Adhesive strength** [FINAT FTM1, nach 24h]	≥10N/25mm
Dimension stability [DIN 30646 (168h/+80°C)]	adhered on stainless steel without measurable shrinkage
Service life*** [DIN 53384]	1 year
Shelf life****	2 years
Application temperature	min. +10°C
Flammability [DIN 4102 B1]	B1-certified
Printability*****	screenprinting / UV-inks
Plotter characteristics	excellent

Verfügbare Abmessungen

	width (mm)	10 m	25 m	50 m
Core	500	•	•	•
Ø inside 76 mm (3")	1000	•	•	•

Available versions

D-MX 300	SILVER GLOSS	D-MX 302	GOLD GLOSS	D-MX 303	COPPER GLOSS
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Processing properties

A variety of substrates are suitable for self-adhesive application. Best possible adhesion only on absolutely smooth, non-porous, dust and grease free surfaces. There is a reduced adhesion to non-polar materials (e.g. PP / PE). Certain paints (e.g. latex paint/lacquer) are not suitable for self-adhesive application. With this material we advise dry-application. More detailed information can be found in the instruction manual. Contact with organic solvent vapours (e.g. in hairdresser shops, dry chemical cleaning stores, petrol stations) can cause a reaction that leads to the loss of adhesion strength and self-removability of the film. When combined with other PVC films or specific substrates, it may also cause a reduction in adhesion due to migration of adhesive components (e.g. plasticizers). Dry application due to the metallised back side is highly recommended. Plotting of prints: To avoid curling/release from backing paper, an adequate gap between printed image and cutting path is necessary. Do not cut in print. We recommend conducting your own test. While applying the film on vehicles, check that the film is compatible with the paint finish in order to exclude any possibility of damage to painted/lacquered surfaces. Ensure sufficient drying time before application of at least 3 weeks. We highly recommend to conduct a test. Apart from this test, contact your vehicle or paint manufacturer.

For unique identification and further processing of technical inquiries or complaints the exact roll number must be specified by the customer/user.

All products are regularly tested for product quality and developed. We may therefore modify and adjust characteristics and composition of products, without giving any additional notice. All of the above information as well as all further product documentation are based on our current knowledge and experience and do not warrant any specific properties of our products. Due to the lot of factors that may affect the processing of our films, all giving information shall not release users from doing their own checks and tests. In addition, we specifically point out to observe our available product and application manuals and our General Terms and Conditions.

----- * Average value

** Average value, applied on stainless steel or glass. Before the use of the removable or semi-permanent adhesive types it is necessary to check the characteristics/chemical properties on the used surfaces. The used surface must be cleaned in advance with water (if necessary, in addition of soap) and / or organic solvents. After cleaning with organic solvents these have to be completely removed by evaporation. Intense sunlight and excessive heating of the applied material should be avoided, since there may be migration of adhesive components and such chemical reaction may generate a permanent adhesive film.

*** Vertical exposure under Central European climate conditions. The actual service life depends on the surface preparation and the following environmental influences that can reduce durability (extreme weather conditions such as high humidity, strong UV radiation, tropical and desert climate, strong environmental pollution, high temperature).

**** With edge sealing; service life can be significantly reduced without edge sealing, dependent on weather conditions.

***** In original packaging, standing upright or upside down, at 15-25° C and 50-60% relative humidity, as well as protection from direct sunlight. Avoid UV radiation, dust and other environmental influences! The shelf life of the product is in its original packaging at least 2 years from date of delivery if the aforesaid storage conditions have been complied.

***** Cause of a lot of different printers, print methods, inks, colour pastes as well as RIP-software and setting options it is absolutely necessary to make tests before starting with the printing procedure.