

PRODUCT DATA SHEET



DECOREX D-MXD (also JETREX D-MXD / old JETREX J-LSMXD)

Material description

Durable metal-PVC compound (metallised film) with glossy/brushed surface finish in gold & silver for outdoor use (≤ 5 years)

Adhesive

Permanent, solvent-free acrylic based pressure-sensitive adhesive

Release liner

120gsm 2-sided PE-coated special silicone paper with excellent processing properties

Application areas / Special features

CAD/CAM cutting, decorations, vehicle marking, signage, advertising lettering, print&cut stickers/labels, doming decals, name badges (with our CONVEX® 3D manual doming kit)

Technical Data

Thickness of face material* [DIN EN ISO 2286-3]	0,075mm (75micron / 3mil)
Adhesive strength** [FINAT FTM1, after 24h]	$\geq 15\text{N}/25\text{mm}$
Dimensional stability [DIN 30646 (168h/+80°C)]	$\sim 0\%$ shrinkage (due to extrusion process)
Service life (appropriate handling & processing)*** [DIN 53384]	5 years (edge sealing is recommended!!)
Shelf life****	1 year
Application temperature	min. +10°C
Flammability [DIN 4102 B1]	self-extinguishing
Printability*****	screen, UV, (eco-)solvent ink jet
CAD/CAM plotter application	excellent

Available dimensions

	Width (mm)	10 m	25 m
Core	610	•	•
Ø i.d. 76 mm (3")	1220	•	•

Available versions

D-MXD 500 SILVER GLOSSY D-MXD 502 GOLD GLOSSY D-MXD 550 SILVER BRUSHED D-MXD 552 GOLD BRUSHED

Solvent & chemical resistance values are available on request!

Best possible adhesion results only on absolutely clean (grease- & dust-free), smooth, non porous flat or slightly curved surfaces. The application over curved substrates is not recommended. Reduced adhesive strength on non-polar materials, e.g. PE and PP.

Dry application: highly recommended due to the base layer made from real metal!!

Contour Cutting of printed stickers: To avoid curling / shrinkage and undesired release from backing paper respectively, please leave approx. a 5mm border between printed image and cutting path. Variations of the distance depend on image size and ink saturation. Please do not cut into printed image. We recommend conducting your own test.

While applying the film on vehicles, please check that the film is compatible with the paint finish in order to exclude any possibility of damage to painted/lacquered surfaces. Ensure a sufficient drying time before application, at least 3 weeks. We highly recommend to conduct a test. Apart from this test, please contact your vehicle or paint manufacturer if you are in any doubt.

* Average value

** Average value, adhered to stainless steel or glass

*** Vertical exposure of unprinted film under normal Central European conditions: Extreme climatic conditions, e.g. high humidity, high UV radiations, tropical and desert climate, above-average ecological damage as well as south facing exposure and applications in high altitude areas will reduce the durability of the film.

**** Best if stored standing upright in original packaging in a cool and dry place, at 15-20°C and 55-60% relative humidity;

Protect from direct UV sunlight, dust and other environmental influences!

***** **Due to the vast number of commercially available print and ink systems, RIP software etc., we highly recommend to test our media for compatibility with your print system!**

Supplementary certificates/data sheets available on request. All information given herein as well as all further product documentations are based on our current knowledge and experience and do not constitute an express warranty regarding our products. Due to the vast number of possible influences when processing our products, our knowledge and experience shall not release the user from doing his/her own checks and testing.

This product data sheet substitutes earlier versions. **EFFECTIVE AS OF: June 2009**