

PRODUCT DATA SHEET



D-GF CLASSIC LINE (D-GF 203 FROSTED, D-GF 205 CRYSTAL)

Material description

Premium polymeric soft vinyl film (80 micron / 3.2mil) for effective glass decoration applications indoors and long-term outdoors

Adhesive

Permanent, UV-stabilised acrylic based pressure-sensitive adhesive

Release liner

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

Application areas / Special features

High-grade glass decoration on (shop) windows, glass doors, reflecting surfaces/mirrors; films can be used to screen from view („blinds“); shops, supermarkets, restaurants, (coffee) bars, surgeries, hospitals, offices, exhibition booths and many more; homogeneous matt surface finish; outstanding conversion and processing properties (easy cutting & weeding); B1-certified; excellent printability*****

Technical Data

Thickness of face material* [DIN EN ISO 2286-3]	0,080mm (80micron / 3.2mil)
Adhesive strength** [FINAT FTM1, after 24h]	≥12N/25mm
Dimensional stability [DIN 30646 (168h/+80°C)]	cross direction (CD): ≤ 0.2% machine direction (MD): ≤ 0.2%
Tensile strength (DIN EN ISO 527)	along min. 19MPa / across min. 19MPa
Elongation at break (DIN EN ISO 527)	along min. 130% / across min. 150%
Service life (appropriate handling & processing)*** [DIN 53384]	7 years
Shelf life****	2 years
Application temperature	min. +10°C
Flammability [DIN 4102 B1]	flame-retardant (B1-certified)
Printability*****	screen, UV, (eco-) solvent ink jet
CAD/CAM plotter application	excellent

Available dimensions

	Width (mm)	10 m	25 m	50 m
Core	610	•	•	•
Ø i.d. 76 mm (3")	1220	•	•	•

Available versions

D-GF 203 FROSTED D-GF 205 CRYSTAL

Solvent & chemical resistance values as well as transmission/absorption values are available on request!

Best possible adhesion results only on absolutely clean (grease- & dust-free), smooth, non porous flat surfaces. The application over curved substrates is not recommended. Reduced adhesive strength on non-polar materials, e.g. PE and PP. For large, continuous applications, we recommend to use rolls with identical batch numbers to avoid (colour) deviation caused by production.

* 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: July 2011**