



OPTIMALSELECTION

OPTIMAL GP 410 ETCHED B-FREE is high-quality polymeric glasdecoration film with an etched effect. The film is cuttable with a plotter and printable with solvent, eco solvent, Latex, UV inks. Air channels in the adhesive allows good application on Picture Windows. The vinyl is REACH and RoHS compliant.

Product Structure:

Support:	PVC-film, etched, 80 µ
Interliner:	PE-coated paper, single side siliconized, white, fine structured, 140 g/m ²
Adhesive:	pure polyacrylic , semi permanent, transparent, Solvent free
Total Thickness:	0,10 mm
Adhesive weight:	20 g/m ²

Characteristics:

		Average Value	Test Method
Adhesion on steel:	(after 20 min.)	5 N / 25 mm	AFERA 5001
Adhesion on steel:	(after 24 h)	7 N / 25 mm	AFERA 5001
Dimensional Stability:	(MD)	< -4 %	FTM 14
Dimensional Stability:	(CD)	< 0 %	FTM 14
Flammability:	(On aluminium)	self-extinguishing	DIN 75200

Application temperature:	min. 8°C
End-Use Temperature range:	from -40°C to +90°C
Shelf life:	2 years (see application information)
Durability:	5 years

The estimated durability is based on accelerated ageing tests and refers to a vertical exposure under middle European climates. The durability of the product depends on the substrate's preparation, the atmospheric conditions and the environmental influence. Exposure to extreme conditions (tropical climate, high humidity, high UV-light exposure or polluted areas) can decrease the durability in a dramatically way.

All our products are subjected to a strict quality control by our QM-System, which is in accordance with ISO/TS 16949, DIN EN ISO 9001 and DIN EN ISO 14001. The information is based on our present knowledge and our experience. Because of the large number of possible influences during the processing and application of our products, this information does not release the user from the obligation to conduct his own tests and trials. Users of our products are responsible for observing any patent rights that may exist and for following existing regulations. Our applications technology section is always pleased to give advice about suitability tests on original materials.