

DATA SHEET 4818X.130.XXXXX

GO-FT NQ

Polyester film with finely textured structure on the front side suitable for window printing with UV lacquers. High UV and outdoor stability. Reverse side with ink receptive coating. Material is available with a thickness of 0.13 mm or 0.18 mm. GO-FT NQ is available either in sheets or reels. All sheets are equipped with interleaving paper as standard.

Formats

Art.Number	Nominal thickness (mm)	Packing quantity
4818X.130.XXXXX	0.13	100
4818X.180.XXXXX	0.18	100

Rolls

Art.Number	Length (m)	Nominal thickness (mm)
4818X.130.XXXXX	100	0.13
4818X.180.XXXXX	100	0.18

Technical data

Characteristic



- Ink receptive coating
- Suitable for window printing
- With UV protection

Excellent chemical resistance to common industrial solvents and household chemicals - please refer to Folex "Chemical Resistance Datasheet".

Folex products can be printed digital and screen in many cases with excellent results. We offer improved versions dedicated for digital printing.

Specifications

Nominal thickness (mil)	5.2
Nominal thickness (mm)	0.13
Base Material	Polyester

Product Applications

Handling

- Preliminary testing necessary by customer

Storage

- Once packaging is opened, store at a room temperature of 15 - 25°C and at a humidity of 30 - 60%.
- Shelf life 1 year after delivery (under above storage conditions)

Properties

Property	Testmethod	Value
Thickness	Folex test method	0,13 - 0,14mm (0,13mm), 0,18-0,195mm (0,18mm)
Optical		
Haze	ASTM D1003-77	50 - 70%
Transmission	ASTM D1003-77	90 - 91%
Gloss level (60°)	ASTM D2457-70, ASTM D523	17 - 23 GU
Yellowness Index	DIN 6167	1,86 (0,13mm), 2,00 (0,18mm)
Mechanical		
Embossing	Folex method	possible
Tensile strength at break	ASTM D 882	170 N/mm ²
Switch life	Folex method according to DIN 42115	> 5 Mio. flexes
adhesion of coating	Folex method	passed
Electrical		
Breakdown Voltage ¹	ASTM D 149	16,5 kV (0,13mm)/ 19,0 kV (0,18mm)
Chemical		
Chemical stability	Folex method	good
Thermal		
Shrinkage TD	130°C 30 min Folex method	< 0,7%
Shrinkage MD	130°C 30 min Folex method	< 1,0%
Maximum processing temperature		120°C

embossing)²

Maximum use temp

05°C/20°C (with embossing/without embossing)²Melting temperature¹

ASTM E794-85

255°C

Surface

Roughness Ra

EN ISO 4287, ASME B46.1

1,6 - 2,4 µm

Scratch resistance

Folex method

good

Surface tension front side

DIN 53364, ASTM D2578

28 - 48 mN/m

Surface tension reverse side

DIN 53364, ASTM D2578

35 - 41 mN/m

¹ Data derived from base film Polyester manufacturer's literature²max. 85°C if RH smaller than 10%, max. 60°C if RH higher than 10%, Folex test method**Product liability clause**

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