

## DATA SHEET 4824x.180.xxxxx

## GO-AG DES

Polyester film with anti glare coating and UV protection on the front side suitable for window and structure printing with 2 component lacquers. Reverse side with coating for digital printing with eco-solvent Inkjet.

Material is available with a thickness of 0.13 mm and 0.18 mm. Available in sheets and rolls. Sheets available in standard packing unit or on demand. All sheets are equipped with interleaving paper as standard. Options such as self-adhesive protective film is available but will be an additional cost.

## Formats

Art.Number	Nominal thickness (mm)	Packing quantity
4824x.130.xxxxx	0.13	100
4824x.180.xxxxx	0.18	100

## Rolls

Art.Number	Length (m)	Nominal thickness (mm)
4824x.130.xxxxx	100	0.13
4824x.180.xxxxx	100	0.18

## Technical data

## Characteristic



- Suitable for eco solvent ink
- Suitable for Ink Jet digital
- Ink receptive coating
- Suitable for window printing
- Suitable for textured lacquers
- With UV protection

## Specifications

Length (m)	100
Nominal thickness (mil)	5.2
Nominal thickness (mm)	0.13
Base Material	Polyester

## Product Applications

- Suitable for Membrane Switches, sign production as well as for production of labels

## 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	Test Method	Value
<b>Optical</b>		
Haze	ASTM D1003-77	15 - 25%
Gloss level (60°)	ASTM D2457-70, ASTM D523	45 - 65 GU
<b>Mechanical</b>		
Embossing	Folex method	possible
Tensile strength at break	ASTM D 882	170 N/mm <sup>2</sup>
Switch life	Folex method according to DIN 42115	> 5 Mio. flexes
<b>Chemical</b>		
Chemical stability	Folex method	good
<b>Electrical</b>		
Dielectric strength <sup>1</sup>	ASTM D149-81	120 kV/mm (125 µm)
<b>Thermal</b>		
Shrinkage TD	130°C 30 min Folex method	< 0,7%
Shrinkage MD	130°C 30 min Folex method	< 0,7%
Maximum processing temperature		120°C
Melting temperature <sup>1</sup>	ASTM E794-85	255°C
<b>Surface</b>		
Roughness Ra	EN ISO 4287, ASME B46.1	0,7 - 0,9 µm
Scratch resistance	Folex method	good

Surface tension front side	DIN 53364, ASTM D2578	28 - 35 mN/m
Surface tension reverse side	DIN 53364, ASTM D2578	38 - 41 mN/m

<sup>1</sup> Data derived from base film Polyester manufacturer's literature

#### Product liability clause

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