

DATA SHEET 4831x.300.xxxxx

## GO-PU/SM

Polyurethane film with semi matt surface on cardboard carrier. The front side allows window printing. Reverse side available with or without ink receptive coating. Material is very resistant under cold conditions and stroke exposure. Small scratches disappear again. When being used outside there is no danger of brittleness despite slight yellowing. We recommend removal of the cardboard for stabilization on the front side after screen printing.

Material is available with a thickness of 0.30 mm. Without ink receptive coating: 48310.xxx.xxxxx. With ink receptive coating: 48311.xxx.xxxxx.

## Formats

Art.Number	Nominal thickness (mm)	Packing quantity
4831x.300.xxxxx	0.30	100

## Rolls

Art.Number	Length (m)	Nominal thickness (mm)
4831x.300.xxxxx	100	0.30

## Technical data

## Characteristic



- Suitable for eco solvent ink
- Suitable for Ink Jet digital
- Ink receptive coating
- Suitable for window printing

## Specifications

Length (m)	100
Nominal thickness (mil)	12

Nominal thickness (mm)	0.30
Base Material	Polyurethane film

### 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	Testmethode	Wert
<b>Optical</b>		
Haze	ASTM D1003-77	55 - 65%
Gloss level (60°)	ASTM D2457-70, ASTM D523	12 - 18 GU
Total luminous transmission	ASTM D1003-77	> 80%
<b>Mechanical</b>		
Embossing	Folex method	partially possible
<b>Chemical</b>		
Chemical stability	Folex method	good
<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		110°C
<b>Surface</b>		
Scratch resistance	Folex method	good
Surface tension front side	DIN 53364, ASTM D2578	48 - 51 mN/m
Surface tension reverse side	DIN 53364, ASTM D2578	38 - 41 mN/m

### Product liability clause

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