

GO-HC

APPLICATION

GO-HC is a clear scratch resistant polyester film. The excellent scratch resistance is achieved by a hard coat on the front side which protects the polyester film underneath. Furthermore, the front side has ink receptive properties for UV lacquers. The reverse side has an ink receptive coating for screen printing inks for the creation of membrane switches, signs and labels. The high transparency of the film enhances the brilliant appearance of screen-printing inks.

SUPPLY

On demand.

PROPERTIES

Basic film: Polyester film (clear)
 Thickness nominal: 0.13 mm, 0.18 mm
 Front side coating: clear scratch resistant coating
 Back side coating: clear coating for adhesion of screen-printing inks.

STORAGE

Unopened in original packaging storage time is minimum 1 year after shipment (under recommended storage conditions). Store in a cool and dry place at a room temperature of 15 - 25°C and at a humidity of 30 - 60%.

TECHNICAL DATA

PROPERTIES	TEST	UNIT	VALUE
OPTICAL PROPERTIES			
Haze	ASTM D 1003	%	0.3 – 1.5
Light Transmission	ASTM D 1003	%	88 – 94
Gloss 20°	DIN 67530		135 – 145
SURFACE PROPERTIES			
Roughness Ra	EN ISO 4287, ASME B46.1	µm	0.04 – 0.10
CHEMICAL PROPERTIES			
Chemical Resistance			very good
THERMAL PROPERTIES			
Shrinkage (TD)	130°C/30 min.	%	< 0.5
Shrinkage (MD)	130°C/30 min.	%	< 1.0

Preliminary testing necessary by customer.