



"Skyrol"

SKC Polyester Film

## SH82

### Product Information

#### Product Description

Skyrol<sup>®</sup> SH82 is an optically very clear polyester film. Both sides of the film are pretreated with an adhesion promoting coating. SH82 was developed as a substrate for printing labels, colour proofing, masking, overhead transparencies, engineering drawings, drafting and other items like these.

This grade is available in the thickness range from 50 to 250 microns.

#### Typical Properties

Property	Unit		Value	Test Method
<b>General</b>				
Nominal Thickness	Gauge ( µm )		<b>200</b> <b>50</b>	SKC Method
Density	g/cm <sup>3</sup>		1.4	ASTM D 1505
<b>Mechanical</b>				
Tensile Strength	psi ( Kg/mm <sup>2</sup> )	MD	22	ASTM D 882
		TD	24	
Elongation At Break	%	MD	160	ASTM D 882
		TD	120	
Friction Coefficient		µk	0.5	ASTM D 1894
		µs	0.42	
<b>Optical</b>				
Haze	%		0.9	ASTM D 1003
Light Transmission	%		90	ASTM D 1003
Gloss	%		190	ASTM D 523
<b>Thermal</b>				
Heat Shrinkage	%	MD	1.1	SKC Method (150°C x 30 min)
		TD	0.5	

Unit Correlation : Gauge = µm / 0.254  
psi = Kg/mm<sup>2</sup> x 1422.3  
N/mm<sup>2</sup> = Kg/mm<sup>2</sup> x 9.8

This Information is the best currently available on the subject. The results should, however, only be regarded as a general guide to material properties and not as a guarantee. Some of the properties can be changed as a result of supplier's efforts to improve the quality or production efficiency of the subject.

#### UK Agent, Distributor and Stockist for SKC

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