



"Skyrol"



SKC Polyester Film

## SH82

## Product Information

### Product Description

"Skyrol" <sup>®</sup> SH82 is an optically very clear, glossy film, with the ink/coating adhesion promotion pretreatment on two sides. This grade has been developed for use as a substrate for printing, label, colour proofing, masking, overhead transparencies engineering, drafting etc

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 ( $\mu\text{m}$ )	<b>984</b> <b>250</b>	SKC Method
W.V.T.R.	$\text{g}/\text{m}^2 \cdot 24 \text{ hr}$	N/A	ASTM F 372
Oxygen Permeability	$\text{cm}^3/\text{m}^2 \cdot 24 \text{ hr} \cdot \text{Atm}$	N/A	ASTM D 1434
Density	$\text{g}/\text{cm}^3$	1.4	ASTM D 1505
<b>Mechanical</b>			
Tensile Strength	psi ( $\text{Kg}/\text{mm}^2$ )	17 21	ASTM D 882
Elongation At Break	%	170 110	ASTM D 882
<b>Optical</b>			
Haze	%	2.9	ASTM D 1003
Light Transmission	%	93	ASTM D 1003
Gloss	%	185	ASTM D 523
<b>Thermal</b>			
Heat Shrinkage	%	1.4 0.5	SKC Method (150°C x 30 min)

Unit Correlation : Gauge =  $\mu\text{m} / 0.254$   
psi =  $\text{Kg}/\text{mm}^2 \times 1422.3$   
N/mm<sup>2</sup> =  $\text{Kg}/\text{mm}^2 \times 9.8$

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

Graphic Image Films Ltd  
Unit 5, Ridge Way,  
Crendon Industrial Park,  
Long Crendon, Bucks.  
HP18 9BF

Tel No: 0044 (0) 1844-208308  
Fax No: 0044 (0) 1844-208608  
E-Mail: [Info.gif@graphicimagefilms.co.uk](mailto:Info.gif@graphicimagefilms.co.uk)