



SH82 (700ga)

Product Information

● Product Description

Skyrol® SH82 is an optically clear, glossy, two side chemically treated film. It provides an enhanced adhesion to various inks and adhesives. SH82 film is available in a range of thickness from 200ga to 750ga, and is used for high quality printing and solvent coating applications.

SH82 film is FDA approved for direct food contact in compliance with FDA 21 CFR 177.1630 (f).

● Typical Properties

Property	Unit	Value	Test Method
General			
Nominal Thickness	(Gauge) µm	700 (175)	SKC Method
Mechanical			
Tensile Strength	psi MD (Kg/mm ²) TD	22,000 (15) 26,000 (18)	ASTM D 882
Elongation At Break	% MD TD	250 150	ASTM D 882
Surface			
Coefficient of Friction	µk (Kinetic) µs (Static)	0.39 0.43	ASTM D1894
Surface Tension	Dyne Chemical	36	ASTM D 2578
Optical			
Haze	%	2.10	ASTM D 1003
Light Transmission	%	89.5	ASTM D 1003
Gloss	%	180	ASTM D 523
Thermal			
Heat Shrinkage	% MD TD	0.9 0.5	SKC Method (150°Cx30 min)

Unit Correlation : N/mm² = Kg/mm² × 9.8
Kg/mm² = psi / 1422.3

SKCA-A-13

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.
Note: Please read the Material Safety Data Sheet(MSDS) carefully prior to use.