



SH82L

Product Information

◆ Product Description

Skyrol® SH82L is an optically clear, glossy film with adhesion promoting pretreatment on both sides. SH82L provides good adhesion to various inks. SH82L also provides low heat-shrinkage and is ideal for RFID tag substrates, membrane touch switch materials and other similar applications.

◆ Typical Properties

Property	Unit		Value	Test Method
General				
Nominal Thickness	Gauge (micron)		700 (175)	SKC Method
Mechanical				
Tensile Strength	kpsi	MD TD	21 28	ASTM D882
Elongation At Break	%	MD TD	250 140	ASTM D1894
Surface				
Friction Coefficient		Static Kinetic	0.5 0.4	ASTM D1894
Optical				
Haze	%		2.2	ASTM D1003
Light Transmission	%		89.4	ASTM D1003
Gloss			181	ASTM D523
Thermal				
Heat Shrinkage	%	MD TD	0.4 0.1	SKC Method (150°C x 30 min)

Unit Correlation: Gauge = $\mu\text{m} \div 0.254$
psi = $\text{Kg}/\text{mm}^2 \times 1422.3$
N/mm² = $\times 9.8$

SKCA-TPS-E-8

This information is currently the best available on the subject. The results should 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 effort to improve the quality or production efficiency on the subject.