

## AH82 Heat Stabilized

## Product Information

### ◆ Product Description

Regal Graphics **AH82** is an optically very clear, glossy film with adhesion promoting pretreatment on both sides. **AH82** gives good adhesion to various inks. **AH82** has very low heat-shrinkage, and it is ideal for applications such as membrane touch switches.

### ◆ Typical Properties

Property	Unit	Value	Test Method
<b>General</b>			
Nominal Thickness	Gauge (micron)	<b>700</b> <b>(175)</b>	SKC Method
<b>Mechanical</b>			
Tensile Strength	psi MD (Kg/mm <sup>2</sup> ) TD	35,500 (25) 35,500 (25)	ASTM D882
Elongation At Break	% MD TD	200 130	ASTM D882
<b>Surface</b>			
Friction Coefficient	Kinetic Static	0.43 0.47	ASTM D1894
<b>Optical</b>			
Haze	%	2.3	ASTM D1003
Light Transmission	%	89	ASTM D1003
Gloss		185	ASTM D523
<b>Thermal</b>			
Heat Shrinkage	% MD TD	0.15 0.15	SKC Method (150 °C x 30 min)

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

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.