

ARR-103 Technical Information



Product	0.89 mil Arrow Matte Polyester Sofsens
Sales Code	ARR-103

Features and Applications

Matte modified surface with tactile enhancements.
Excellent adhesion to challenging digitally printed surfaces.
Ideal for use in labeling and flexible packaging applications such as food and cosmetics.

Physical Properties

Film	0.50 mil Matte Polyester (PET)
Adhesive	0.39 mil High Grade Clear Emulsion Acrylic
Total Construction	0.89 mil +/- 10%

Typical Technical Value

Film Elongation at Break	125 % MD 125 % TD	ASTM D882
Adhesion to Steel	10 oz/in 30 min conditioning 13 oz/in 24 hr conditioning	180° peel at 12 in/min 180° peel at 12 in/min ASTM D3330/D3330M-04
Unwind Adhesion	17 oz/in 30 min conditioning	180° peel at 12 in/min ASTM D3811/D3811M-96
Gloss	10 %	ASTM D2457
C.O.F	0.4 Static	Internal
Application Temperature Rating	32°F to 150°F	
Service Temperature Rating	0°F to 220°F	

Roll Tolerance

Roll Length	+/- 5%
Roll Width	+/- 0.0625 in (1/16th in)
Storage and Handling	Two years when stored at 70°F and 50% relative humidity. Rolls must be transported and stored on protected surfaces. Use caution when placing or removing roll from mandrel.
Regulatory Compliance	Coneg, RoHS, TSCA

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.