

TECHNICAL DATA SHEET*



49192

PrimeScan® 3.0 Mil

Description

Product

Face: PrimeScan® 3.0 Mil

Adhesive: SFA™

Liner: 2.5 Mil

Total Construction

Caliper (Approx): **6.1** mils +/- 10%

This face/adhesive combination conforms to BS5609: 1986 Section 2 - 'Maritime and Laboratory Performance of Label Base Materials for drum labelling.

Face This product is a polyolefin-based, clay-coated film designed to be compatible with most common impact, and many non-impact, print methods. It is waterproof, tear resistant, grease resistant, and resists temperature fluctuations. It will die cut and fold easily and is compatible with hot foil stamping and embossing. Similar to paper, PrimeScan is a film with memory.

Physical Properties	Typical Value	Test Method
Caliper	.003 "	ASTM D2103
Opacity	90%	ASTM D882
Brightness		TAPPI T-425

Adhesive A clear, general purpose, emulsion acrylic permanent adhesive designed for applications with film facestocks. SFA exhibits excellent ultimate adhesion to polyethylene, polypropylene and glass. Well suited for small, cylindrical labeling. Limited testing shows this adhesive to be glove friendly, but application testing is recommended.

Physical Properties	Typical Value	Test Method
180° Peel Adhesion Stainless Steel	2 lbs / in	PSTC-101A (30 min. applied)
Loop Tack Stainless Steel	3.1 lbs / in	PSTC-16A
Temperature Ranges		
Minimum Application Temperature	15°F (-9°C)	
Service Temperature	-40°F to 240°F (-40°C - 115°C)	

Disclaimer: Tested with 2.6 mil white BOPP film facestock at room temperature on standard lab panels. The service temperature listed is subject to limitations of the facestock and substrate used.

Liner A bleached, calendered liner featuring excellent die cutting and stripping characteristics. Recommended for use in roll-to-roll applications.

Physical Properties	Typical Value	Test Method
Caliper	.0025 "	TAPPI T-411
Basis Weight	41 lbs	TAPPI T-410

Shelf Life One year from the date of shipment, when stored at 72°F and 50% relative humidity.

*This document represents typical values and is not considered a specification.

The user is responsible for determining the product's suitability for all aspects of the application. If there are any questions about applications, or regulatory compliances please contact your Mactac sales representative to discuss your requirements for recommendations. If this is a printed Technical Data Sheet, it is an uncontrolled document. Please check the Mactac website for the latest, most-up-to-date version. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied.

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