

TECHNICAL DATA SHEET*



45682

PrimeScan® 3.0 Mil

Description

Product

Face: PrimeScan® 3.0 Mil

Adhesive: B-122™

Liner: 2.5 Mil

Total Construction

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

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

Caliper

Typical Value

.003 "

Test Method

ASTM D2103

Opacity

90%

ASTM D882

Brightness

Adhesive

A clear all temperature acrylic adhesive featuring excellent adhesion to a variety of surfaces with film facestocks. It covers a broad temperature range and has excellent converting characteristics on press. The high initial tack of B-122F to low surface energy polyolefins makes it an ideal for blow on applications.

Physical Properties

180° Peel Adhesion

Stainless Steel

Typical Value

1.5 lbs / in

Test Method

PSTC-101A (30 min. applied)

Loop Tack

Stainless Steel

2.9 lbs / in

PSTC-16A

Temperature Ranges

Minimum Application Temperature

-10°F (-23°C)

Service Temperature

-65°F to 200°F (-53°C - 93°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

Caliper

Typical Value

.0025 "

Test Method

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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