

TECHNICAL DATA SHEET*



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50284

2.0 mil TC Gloss White Polyester

Description

Product

Face: 2.0 mil TC Gloss White Polyester

Adhesive: C-122F

Liner: 2.5 Mil

Total Construction

Caliper (Approx): 5.3 mils +/- 10%

Face A top-coated, glossy white polyester facesheet offering high heat, tear, abrasion, solvent, and water resistance. The top-coating is engineered to accept dot matrix and thermal transfer printing as well as conventional silk screen, flexographic and offset/letterpress inks.

Physical Properties

Caliper

Typical Value

.002 " +/- 10%

Test Method

ASTM D2103

Elongation at Break, % (YIELD)

148 MD 105 CD

ASTM D1922

Tensile, lbs/in (YIELD)

ASTM D589

Opacity

ASTM D882

Adhesive A polyolefin-based, clay-coated, 90-micron-thick 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.

Physical Properties

180° Peel Adhesion

Stainless Steel

Typical Value

2 lbs / in

Test Method

PSTC-101A (30 min. applied)

Loop Tack

Stainless Steel

2 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 " +/- 10%

Test Method

TAPPI T-411

Basis Weight

41 lbs. +/- 10%

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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