

Film TECHNICAL DATA SHEET*



50291

2.0 Mil TC Matte White Polyester / GPR / 3.5 Mil LF Liner

Description

Product

Face: 2.0 Mil TC Matte White Polyester

Adhesive: GPR Removable

Liner: 3.5 Mil LF Liner

Total Construction

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

Face

A top-coated, matte white polyester film featuring excellent laser print quality, adhesion, and durability. Features excellent print resolution, good resistance to weathering, and chemical resistance. Suitable for printing by all conventional printing processes, continuous laser, and thermal transfer (subject to ribbon compatibility).

Physical Properties

Basis Weight

Typical Value

51.6#

Test Method

ASTM D3776

Caliper

2.0 Mils

ASTM D2103

Tensile MD / CD

16,000 / 19,000 PSI

ASTM D589

Elongation @ Break MD/TD

115 / 90 %

ASTM D1922

Adhesive

A general purpose removable adhesive designed to remove cleanly from a wide variety of substrates. It is engineered to give excellent tack with minimal building of adhesion over time from a variety of surfaces. It is appropriate for laser applications.

Physical Properties

180° Peel Adhesion

Stainless Steel

Typical Value

.5 lbs/in

Test Method

PSTC-101A (30 min. app)

Loop Tack

Stainless Steel

2.2 lbs/in

PSTC-16A

Temperature Ranges

Minimum Application Temperature

-0°F (-18°C)

Service Temperature

-40° to 200°F (-4.44° to 93.3°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 facestocks and substrate used.

Liner

The 3.5mil layflat is a bleached white, MG liner designed specifically to be compatible with high and medium speed cut-sheet laser and ink jet printers. This product is well suited for applications requiring a high degree of layflat. A small amount of clay is applied to the backside of the paper to enhance printability.

Physical Properties

Caliper

Typical Value

0.0035

Test Method

TAPPI T-411

Basis Weight

50

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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