

TECHNICAL DATA SHEET*



49691 4 Mil White Inkjet Polypropylene

Description

Product

Face: 4 Mil White Inkjet Polypropylene

Adhesive: SFA™

Liner: 2.5 Mil

Total Construction

Caliper (Approx): 7.3 mils +/- 10%

Face

A matte white polypropylene appropriate for water-based inkjet printing. This sheet offers the highest chemical resistance, required for applications in healthcare, outdoor, and chemical/industrial labeling.

Physical Properties

Caliper

Typical Value

.0042 "

Test Method

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

180° Peel Adhesion

Stainless Steel

Typical Value

2 lbs / in

Test Method

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

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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