

TECHNICAL DATA SHEET*

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PJL7792-2

Vivid™ 2.4 Mil White Polypropylene

Description

Product

Face: 2.4 Mil White Polypropylene

Adhesive: CHILL AT FDA

Liner: 1.2 SCK

Total Construction

Caliper (Approx): 4.3 mils +/- 10%

Face

This white, top-coated pearlescent polypropylene is a semi-conformable film designed for excellent printing, converting and label dispensing. Print test product and consult with your ink supplier to confirm suitability for your application. Has received Association of Plastic Recyclers Design® for Recyclability Recognition on HDPE and PP containers and PE Flexible packaging.

Physical Properties

Caliper

Typical Value

0.0024 " +/- 10%

Test Method

ASTM D2103

Elongation at Break, % (YIELD)

170 MD 42 CD

ASTM D1922

Tensile, lbs/in (YIELD)

14 MD 29 CD

ASTM D589

Opacity

90

ASTM D882

Adhesive

Chill AT FDA is an All Temp permanent, rubber-based, direct food contact adhesive that performs well in normal to freezer temperature applications. Chill AT FDA has excellent tack and ultimate adhesion to many surfaces and may be used as the food contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, partial dehydrated and raw fruits and vegetables. Suitable for cold, damp labeling applications. FDA approved for direct food contact under 21 CFR Section 175.125(a) and (b).

Physical Properties

180° Peel Adhesion

Typical Value

3.6 lbs / in

Test Method

PSTC-101A (30 min. applied)

Stainless Steel

2.2 lbs / in

PSTC-101A (30 min. applied)

HDPE

Loop Tack

4.7 lbs / in

PSTC-16A

Stainless Steel

2.8 lbs / in

PSTC-16A

HDPE

Temperature Ranges

Minimum Application Temperature

-10°F (-23°C)

Service Temperature

-65°F to +150°F (-54°C to +66°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 1.2 mil clear polyester liner with excellent die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Physical Properties

Caliper

Typical Value

0.0012 " +/- 10%

Test Method

TAPPI T-411

Basis Weight

26.2 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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