

TECHNICAL DATA SHEET*

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PF9502-78

Vivid™ 2 Mil Polypropylene

Description

Product

Face: 2 Mil Clear Polypropylene

Adhesive: ST95

Liner: 2.4 SCK

Total Construction

Caliper (Approx): 5.1 mils +/- 10%

Face Vivid™ is a 2 mil clear polypropylene film top-coated film for superior graphics. Economic alternative where ultra-clarity is needed. Not recommended for outdoor use. Has received Association of Plastic Recyclers Design® for Recyclability Recognition on HDPE containers.

Physical Properties

Caliper
Elongation at Break, % (YIELD)
Tensile, lbs/in (YIELD)
Opacity

Typical Value

0.002 " +/- 10%
168 MD 75 CD
17 MD 26 CD

Test Method

ASTM D2103
ASTM D1922
ASTM D589
ASTM D882

Adhesive ST95 is a general-purpose permanent acrylic emulsion with aggressive initial tack, excellent ultimate adhesion and mandrel hold. Very good adhesion to corrugated, glass, and various plastic substrates. Also used in healthcare applications and considered to be latex glove friendly

Physical Properties

180° Peel Adhesion
Stainless Steel
HDPE

Loop Tack
Stainless Steel
HDPE

Typical Value

2.5 lbs / in
1.8 lbs / in

3.2 lbs / in
2.2 lbs / in

Test Method

PSTC-101A (30 min. applied)
PSTC-101A (30 min. applied)

PSTC-16A
PSTC-16A

Temperature Ranges

Minimum Application Temperature
Service Temperature

+25°F (-4°C)
-75°F to +200°F (-59°C to +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 super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Physical Properties

Caliper
Basis Weight

Typical Value

0.0024 " +/- 10%
39.9 lbs. +/- 10%

Test Method

TAPPI T-411
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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