

# TECHNICAL DATA SHEET\*

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**PF4502**

**Vivid™ 2 Mil Polypropylene**

## Description

### Product

Face: 2 Mil Clear Polypropylene

Adhesive: 705VHP

Liner: 2.4 SCK

### Total Construction

Caliper (Approx): 5.8 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.

#### Physical Properties

Caliper

#### Typical Value

0.002 " +/- 10%

#### Test Method

ASTM D2103

Elongation at Break, % (YIELD)

168 MD 75 CD

ASTM D1922

Tensile, lbs/in (YIELD)

17 MD 26 CD

ASTM D589

Opacity

ASTM D882

### Adhesive

705VHP is a high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. The heavier coat weight of adhesive allows for good flow characteristics which permit adhesion to most rough textured surfaces.

#### Physical Properties

180° Peel Adhesion

Stainless Steel

HDPE

#### Typical Value

4.9 lbs / in

3.1 lbs / in

#### Test Method

PSTC-101A (30 min. applied)

PSTC-101A (30 min. applied)

Loop Tack

Stainless Steel

HDPE

4.9 lbs / in

3.5 lbs / in

PSTC-16A

PSTC-16A

#### Temperature Ranges

Minimum Application Temperature

+20°F (-7°C)

Service Temperature

-65°F to +160°F (-54°C to +71°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

#### Typical Value

0.0024 " +/- 10%

#### Test Method

TAPPI T-411

Basis Weight

39.9 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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