

# TECHNICAL DATA SHEET\*

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**PTS2602**

**Vivid™ 2 Mil Chrome Polypropylene**

## Description

### Product

Face: Vivid™ 2 Mil Chrome Polypropylene

Adhesive: 640AT

Liner: 2.4 SCK

### Total Construction

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

### Face

A 2.0 mil chrome, top coated, biaxially oriented polypropylene (BOPP) film designed for excellent printing, converting and label dispensing. Proprietary top coating delivers excellent adhesion for superior graphics and print receptivity for various methods including UV Flexo, Water-based Flexo, Gravure, Screen and Offset.

#### Physical Properties

Caliper

Elongation at Break, % (YIELD)

Tensile, lbs/in (YIELD)

Opacity

#### Typical Value

0.002 " +/- 10%

105 MD

58 MD 52 CD

#### Test Method

ASTM D2103

ASTM D1922

ASTM D589

ASTM D882

### Adhesive

640AT is an all temperature acrylic adhesive that performs well in normal to freezer temperature applications. It exhibits open time on some substrates (please test) and develops a permanent bond to a wide variety of substrates.

#### Physical Properties

180° Peel Adhesion

Stainless Steel

HDPE

Loop Tack

Stainless Steel

HDPE

#### Temperature Ranges

Minimum Application Temperature

Service Temperature

#### Typical Value

1.8 lbs / in

1.8 lbs / in

2.7 lbs / in

2.4 lbs / in

#### Test Method

PSTC-101A (30 min. applied)

PSTC-101A (30 min. applied)

PSTC-16A

PSTC-16A

**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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