

# TECHNICAL DATA SHEET\*

mactac.com

**PTW7802**

**2.3 Mil Gloss Polypropylene**

## Description

### Product

Face: 2.3 Mil Gloss Polypropylene

Adhesive: CHILL

Liner: 2.4 SCK

### Total Construction

Caliper (Approx): **5.4** mils +/- 10%

### Face

A white opaque, solid core, top-coated polypropylene semi-conformable 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 Flexo, Gravure, UV Inkjet and Hot Stamp. Proprietary adhesive receptive coating for enhanced adhesive anchorage.

#### Physical Properties

Caliper

#### Typical Value

0.0023 " +/- 10%

#### Test Method

ASTM D2103

Elongation at Break, % (YIELD)

138 MD 88 CD

ASTM D1922

Tensile, lbs/in (YIELD)

20 MD 21 CD

ASTM D589

Opacity

80

ASTM D882

### Adhesive

Chill is an All-Temp permanent, rubber-based adhesive that performs well in normal to freezer temperature applications. Chill has excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Complies with FDA 21 CFR 175.105.

#### 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 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.

Call **1-800-548-3456** for additional product information or visit **www.mactac.com**