

TECHNICAL DATA SHEET*

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PTW9002

2.3 Mil White Polypropylene

Description

Product

Face: 2.3 Mil White Polypropylene

Adhesive: 710 VHP

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

	Typical Value	Test Method
Caliper	0.0023 " +/- 10%	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

710VHP is a permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications. Very good high speed and wider web converting.

Physical Properties

	Typical Value	Test Method
180° Peel Adhesion		
Stainless Steel	2.7 lbs / in	PSTC-101A (30 min. applied)
HDPE	2.2 lbs / in	PSTC-101A (30 min. applied)
Loop Tack		
Stainless Steel	4.7 lbs / in	PSTC-16A
HDPE	3.1 lbs / in	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

	Typical Value	Test Method
Caliper	0.0024 " +/- 10%	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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