

# TECHNICAL DATA SHEET\*



**50142**

## 3.5 Mil TC White Laser Vinyl

### Description

#### Product

Face: 3.5 Mil TC White Laser Vinyl

Adhesive: RSM-95

Liner: 4.6 Mil

#### Total Construction

Caliper (Approx): **8.7** mils +/- 10%

**Face** Engineered for high-speed and mid-range laser printers, this laser vinyl has a satin finish and is topcoated to provide excellent toner anchorage. It is appropriate for outdoor usage when properly printed via flexo, monochrome or color laser. Rated at one-year outdoor life.

Physical Properties	Typical Value	Test Method
Caliper	.0034 "	ASTM D2103
Opacity	91%	ASTM D882
Brightness		TAPPI T-425

**Adhesive** A removable, emulsion acrylic adhesive with good performance for indoor and outdoor use.

Physical Properties	Typical Value	Test Method
180° Peel Adhesion Stainless Steel	1.1 lbs / in	PSTC-101A (30 min. applied)
Loop Tack Stainless Steel	2 lbs / in	PSTC-16A
<b>Temperature Ranges</b>		
Minimum Application Temperature	<b>50°F (10°C)</b>	
Service Temperature	<b>-40°F to 180°F (-40°C - 82°C)</b>	

**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 bleached, kraft paper used primarily for roll-to-sheet products. The liner is specifically designed to lay flat and is not recommended for roll-to-roll or roll-to- fan-folded applications.

Physical Properties	Typical Value	Test Method
Caliper	.0046 "	TAPPI T-411
Basis Weight	71 lbs	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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