TECHNICAL DATA SHEET*

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PTS2692-2
Vivid™ 2 Mil Chrome Polypropylene

Description

Product

Face: Vivid™ 2 Mil Chrome Polypropylene

Adhesive: 640AT

Liner: 1.2 PET

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	Typical Value	Test Method
Caliper	0.002 " +/- 10%	ASTM D2103
Elongation at Break, % (YIELD)	105 MD	ASTM D1922
Tensile, lbs/in (YIELD)	58 MD 52 CD	ASTM D589
Opacity		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	Typical Value	Test Method
180° Peel Adhesion		
Stainless Steel	1.8 lbs / in	PSTC-101A (30 min. applied)
HDPE	1.8 lbs / in	PSTC-101A (30 min. applied)
Loop Tack		
Stainless Steel	2.7 lbs / in	PSTC-16A
HDPE	2.4 lbs / in	PSTC-16A
Temperature Ranges		
Minimum Application Temperature	**-20° F (-29°C)**	
Service Temperature	**-65°F to +200° F (-54°C to +93°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 1.2 mil clear polyester liner with excellent die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.

Physical Properties	Typical Value	Test Method
Caliper	0.0012 " +/- 10%	TAPPI T-411
Basis Weight	26.2 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

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