

# PRELIMINARY PERFORMANCE GUIDE

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## FCD0694-5 PRELIMINARY 2 mil White PET / P0066 / 1.5 mil PET

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Description		Applications and End Uses	
Product	2 mil gloss top-coated, white polyester with a durable and aggressive permanent acrylic adhesive and a 1.5 mil polyester liner.	Designed for use in nameplate, durable equipment and drum label applications. Excellent flexo and thermal transfer printability with most resin and wax/resin ribbons.  Used for warning and instructional labeling that contains critical information about safety and handling. These labels serve various functions including logos, warning labels, and serial numbers. These labels are designed to last the life of the product, adhere to difficult substrates such as plastics and metals, and may require higher heat resistance.	
Face	2 mil white gloss polyester, topcoated for superior printability via flexography and thermal transfer. Features high strength, tear resistance, dimensional stability, and temperature resistance. Print test product and consult with ink supplier to confirm suitability for your application.		
Physical Properties without Adhesive			
Caliper, inches	0.002 (2 mils)	ASTM D-2103	
Tensile, lbs./in.	40 MD 60 CD	TAPPI-494	
Adhesive	P0066 is a high performance, permanent acrylic with excellent ultimate adhesion and low adhesive ooze. It has good chemical and solvent resistant and has very good adhesion to various high and low energy substrates, and rough surfaces.		
Physical Properties of Adhesive			
Thickness, inches	0.0013 +/- 10%		
180° Peel Adhesion, lbs./in.	Stainless Steel: 4.6	PSTC-101A (30mins applied)	
Temperature Ranges			
Minimum Application	+39°F (4 °C)	CTM #45 Curwood	
Service Ranges	-40°F to +302°F (-40 °C to +150 °C)	Polyester Film Dry Surface	
Liner	A 1.5 mil clear polyester liner. Excellent for die cutting and stripping. The liner is coated with a release system designed for label dispensing. Primarily for roll-to-roll applications where a more demanding liner is needed.		
	Caliper, inches	0.0015 +/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	33 +/- 10%	TAPPI T-410
Shelf Life	Product retains its performance and properties for two years from date of manufacture when stored at 72° F and 50% relative humidity.		

CALL 1-800-548-3456 for additional product information

**IMPORTANT NOTICE:** The information given and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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