



PERFORMANCE GUIDE

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CHG7002

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Cast-Coated High Gloss

Description	Applications and End Uses		
Product	57# cast-coated high gloss facestock with a quick tack permanent adhesive and a 2.4 semi-bleached super calendared kraft liner. The entire construction converts and prints on wider webs and higher speeds than typical rubber based adhesive coated papers.		For prime labeling applications requiring a high gloss level. Markets include food, cosmetic, toiletries, beverage and more.
Face	A 57# cast-coated, mirror finish, high strength paper stock designed for quality printing and high-speed converting.		
	Physical Properties Without Adhesive		
	Caliper, inches	0.0036 +/- 10%	TAPPI T-411
	Brightness % Reflectance at 75°angle	86	TAPPI T-452
	Gloss % Reflectance at 75°angle	90	TAPPI T-480
	Tear, grams	22 MD 30 CD	TAPPI T-414
	Tensile, lbs./in.	35 MD 14 CD	TAPPI T-494
	Basis Weight, lbs. (25" x 38"/500)	57 +/- 10%	TAPPI T-410
Adhesive	711VHP is a cold temperature, permanent, rubber-based adhesive with excellent tack and ultimate adhesion to a wide variety of surfaces, including most packaging films. 711VHP may be used as the food contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, partial dehydrated and raw fruits and vegetables.		
	FDA approved for direct food contact under 21 CFR Section 175.125(a) and (b). Section 175.125(a) pertains to adhesive that are "used as the food-contact surface of labels and/or tapes applied to poultry, dry food, and processed, frozen, dried, or partially dehydrated fruits or vegetables". Section 175.125(b) pertains to adhesives that are "used as the food-contact surface of labels and/or tapes applied to raw fruit and raw vegetables".		
	Physical Properties of Adhesive		
	Thickness, inches	0.0006 +/- 10%	
	Peel Adhesion, lbs./in.	3.0 or paper tear	PSTC-101F (30 min. applied)
	Temperature Ranges		
	Minimum Application	+20°F (-7°C)	CTM #45 Curwood
	Service Ranges	-65°F to +120°F (-54°C to +49°C)	Polyester Film Dry Surface
Liner	A semi-bleached super calendared kraft liner excellent for die cutting, stripping and label dispensing. Primarily for roll-to-roll applications.		
	Caliper, inches	0.0024 +/- 10%	TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	40 +/- 10%	TAPPI T-410
Shelf Life	One year when stored at 72° F and 50% R.H.		

Note: 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 Performance Guide, it is an uncontrolled document. Please check the MACTac website for the latest, most up-to-date version at www.mactac.com

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

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