



# PERFORMANCE GUIDE

## Represents Typical Values Only

www.Mactac.com

### CHG4502

Revised: 02/2024 MLS

### Cast Coated High Gloss

Description		Applications and End Uses	
Product	CHG4502 is a 57# Cast high gloss facestock with a high tack aggressive permanent adhesive and a 2.4 semi-bleached super calendared kraft liner.		For demanding applications requiring an extremely aggressive permanent adhesive. Especially suited to rough textured surfaces.
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	0.00367 +/- 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	705VHP is a high-tack rubber-based permanent adhesive formulated to provide excellent adhesion to many difficult substrates. The heavier coat weight of adhesive allows for good flow characteristics which permit adhesion to most rough textured surfaces.		
	Physical Properties of Adhesive		
	Thickness, inches	0.0014 +/- 10%	
	90° Peel Adhesion, lbs./in.	HDPE: 2.0	PSTC-101F (30 min. applied)
		Wood: 1.7	
		Cement Block: 0.7	
		Stainless Steel: 3.0	
	Loop Tack (1"), lbs./in.	HDPE: 3.5	PSTC-16
		Stainless Steel: 5.4	
	Temperature Ranges		
	Minimum Application	20° F (-6.6°C)	CTM #45 Curwood
	Service Ranges	-65 to +150° F (-54 to +66°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.		

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



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This product complies with CONEG regulations.

All Mactac Roll Label products meet the requirements of the Clean Air Act of 1990.

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.

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