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# PERFORMANCE GUIDE

Represents Typical Values Only

## SGW7802

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### Premium Wet Strength Semi-Gloss CHILL AT 2.4 mil SCK

Description	Applications and End Uses		
Product	SGW7802 is a 54# bright white wet strength semi-gloss construction with a quick tack, all temperature permanent adhesive and a 2.4 mil semi-bleached super calendared kraft liner.		Ideal for high quality prime labeling applications for food packaging and cold damp substrates.
Face	54# bright white semi-gloss with a special additive to improve the paper’s wet strength in moist environments. Suitable for flexo and offset printing, as well as foil stamping and embossing.		
Physical Properties Without Adhesive			
Caliper, inches	0.0025 +/- 10%		TAPPI T-411
Brightness % Reflectance at 75° angle	91		TAPPI T-452
Gloss % Reflectance at 75° angle	76		TAPPI T-480
Opacity	86		TAPPI T-425
Tear, grams	50 MD 39 CD	TAPPI T-414	
Tensile, lbs./in.	27 MD 18 CD	TAPPI T-494	
Basis Weight, lbs. (25” x 38”/500 sheets)	54+/- 10%		TAPPI T-410
Adhesive	Chill AT is an all temp permanent, rubber-based adhesive that performs well in normal to freezer temperature applications. Chill has excellent tack and ultimate adhesion to a variety of surfaces including polystyrene, polypropylene, polyethylene, paper and corrugate. Suitable for cold, damp labeling applications.		
Physical Properties of Adhesive			
Thickness, inches	0.0007 +/- 10%		
Peel Adhesion, lbs./in.	Corrugate: 1.4	PSTC-101F (30 min. applied)	
	HDPE: 1.7		
	Stainless Steel: 2.6		
Loop Tack (1”), lbs./in.	Corrugate: 1.85	PSTC-16	
	HDPE: 2.6		
	Stainless Steel: 4.1		
Temperature Ranges			
Minimum Application	-10°F (-23°C)		
Service Ranges	-65°F to +150°F (-54°C to 65.6°C)		
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		

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.

CALL 1-800-548-3456 for additional product information or visit [www.mactac.com](http://www.mactac.com)

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