



Starliner®

Updated
10/09

Charade I Clear Polyester - *Permanent*

Stock Numbers GI 0159 **Sheet Size** 27" x 20"

Construction		Applications and End Uses	
Face:	1 mil Topcoated Clear Polyester	POP, decals, signage and nameplates	
Adhesive:	Permanent Acrylic	requiring durability and outdoor exposure.	
Liner:	Polyethylene coated liner		
Description			
Face	A 1 mil (.001) topcoated clear polyester for offset and screen printing		
Typical Physical Properties of Face Stock without Adhesive			
Tensile: lbs/in.	21 MD	20 CD	ASTM D-882
Elongation: %	110 MD	85 CD	ASTM D-882
Caliper: inches	0.001 ± (1.0 mils)		TAPPI T-411
Adhesive	A permanent acrylic emulsion with excellent adhesion to most common substrates.		
Typical Physical Properties of Adhesive			
Thickness, inches	0.001 +/- 10%		TAPPI T-411
Peel Adhesion, lbs./in.	1.9		PSTC-1 (30 min. applied)
Temperature Ranges			
Minimum Application	+45°F (7°C)		CTM #45 Curwood
Service Ranges	-65°F to +200°F (-54°C to +93°C)		Polyester Film Dry Surface
Liner	A white kraft polyethylene coated on both sides. The liner provides excellent moisture stability and processing performance and tear resistance for kiss cutting.		
Typical Physical Properties of Liner			
Caliper, inches	0.0070+/- 10%		TAPPI T-411
Basis Weight, lbs. (24" x 36"/500 sheets)	90 +/- 10%		TAPPI T-410
Total Caliper	0.0087 ± 10% inches (8.7 mils)		
Printing Process	Printable by offset-lithography and screen printing processes with compatible ink systems.		
Shelf Life	One year when stored at 70° F and 50% R.H.		

This product complies with CONEG regulations.

IMPORTANT NOTICE: The information given and recommendations made herein are based on our research and are believed to be accurate. In every case, user shall determine before using any product in full scale production, whether such product is suitable 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 any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions unless in a specific agreement signed by the officers of seller and manufacturer. Ultimately, sellers and manufacturers only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

** Values given are typical for unprocessed product and are not for use as specifications. Processing may change the values.*

CALL **1-800-321-8834** for additional product information

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