



Starliner[®]

Updated 09/11

Debut White Vinyl - *Removable*

Stock Numbers SL 2002 18" x 24"

Face: Adhesive: Liner:	Construction 4 mil White Topcoated Soft Vinyl Removable Acrylic Specially processed scored release liner. Back printed in blue "Starliner Removable".	Applications and End Uses Labels, markings and signage for inside and outside applications. For applications requiring good conformability to irregular surfaces with a removable adhesive.
Face	Description A .0034" soft, white, top-coated, UV cured calendared vinyl. This durable, flexible, vinyl conforms well to irregular surfaces.	
	Typical Physical Properties of Face Stock without Adhesive	
	Tensile, lbs./in.	17 MD 14 CD TAPPI T-494
	Elongation, %	150 MD 175 CD TAPPI T-494
	Caliper: inches	0.0034 ± (3.4 mils) TAPPI T-411
Adhesive	A general purpose, REMOVABLE, acrylic adhesive characterized by moderate tack and bond to a wide variety of surfaces. The adhesive exhibits clean removability from most surfaces and is specifically formulated to all but eliminate sheet-edge adhesive bleed problems. Always pretest removable adhesives for suitability in each particular end use application.	
	Typical Physical Properties of Adhesive	
	Thickness, inches	0.0007 +/- 10% TAPPI T-411
	Peel Adhesion, lbs./in.	1.0 PSTC-1 (30 min. applied)
	Temperature Ranges	
	Minimum Application	+35°F (1.66°C) CTM #45 Curwood
	Service Ranges	-65°F to +200°F (-54°C to +93°C) Polyester Film Dry Surface
Liner	A nominal 80# white kraft liner has excellent lay-flat characteristics and internal strength, toughness, tear resistance for kiss cutting.	
	Typical Physical Properties of Liner	
	Caliper, inches	0.0042 +/- 10% TAPPI T-411
	Basis Weight, lbs. (24" x 36"/500 sheets)	72 +/- 10% TAPPI T-410
Total Caliper	0.0830 ± 10% inches (8.3 mils)	

* Although this adhesive applies at lower temperatures, vinyl becomes brittle below at lower temperatures. Recommend applying vinyl at 40°F.

Printing Process Printable by offset-lithography and screen-printing process with ink systems compatible with this product. All inks used on this product should be 100% oxidizing. Avoid all glycol, glycerin and citric acid based fountain solutions. Micron size of anti set-off powders should be 35-50. Stacks in delivery should not exceed 1.5". All over coats such as UV, aqueous and varnish coatings should be tested prior to production run. The liner utilized on this product is guaranteed line copy printable by one color only. It is NOT recommended for process or multiple color heavy coverage printing. UV screen or offset printing may cause the liner to curl.

Shelf Life Two years when stored at 72° F and 50% R.H.

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.

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