



PRODUCT INFORMATION

Classics *Plus*[®] SELECT[™] 31076SL

Product Description:

Classics *Plus* SELECT 31076SL is a 3.25 mil white vinyl film coated with a removable pressure-sensitive acrylic adhesive and backed with a two-side polycoated layflat release liner.

Applications:

Classics *Plus* SELECT products are our most cost-effective pressure-sensitive films for graphics applications. This versatile product offering includes promotional white vinyl, cling vinyl, polyester, metallized polyester and overlaminating films for both roll-form and sheet-form converting. These reliable films are ideal for novelty and promotional decals, product ID labels, nameplates and window graphics.

We designed 31076SL as a general-purpose, removable vinyl label stock. The sheet liner is moisture stable and provides superior layflat qualities. This product is intended to be printed and diecut in sheets, hand-dispensed, and hand-applied to the application substrate.

The adhesive was specifically chosen for its processing properties. It does not have a tendency to ooze: therefore, diecutting and guillotine operations may be run with a minimum of adhesive build up. Its adhesion to a variety of metal and plastic surfaces, makes it a truly general-purpose, removable adhesive.

The white vinyl facestock in 31076SL is semi-flexible. The semi-flexible vinyl also helps reduce on-liner and applied shrinkage. However, 31076SL retains a portion of flexible vinyl's conformability essential for curved surface applications. The vinyl surface of 31076SL is compatible with most standard screenprinting solvent and UV ink systems. Please test for ink adhesion with your specific ink chemistry.

Recommendations:

For applications requiring UL approval, ask your Sales Representative or Business Team to recommend a UL-recognized Classics *Plus*[®] or FLEXmark[™] product to meet your specific application requirements.

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Page 2

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties:		
Thickness (Mils[microns])	Film: 3.25 (83) +/- 10% Adhesive: 0.6- 0.7 (15-18) +/- 10% Liner: 6.9 (175) +/- 10%	ASTM D 3652
Dimensional Stability (%)	MD: < 1.0 TD: < 1.0	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Chemical Resistance	Basic Cleaners: Excellent Toluene: Poor Water: Excellent	ASTM D 896
Adhesion Properties:		
Ultimate Peel from various surfaces	<u>Average</u> Oz/in (N/m)	PSTC-1 (Modified for 72 hour dwell time)
Stainless Steel	58 (638)	
Acrylic	60 (660)	
Glass	51 (561)	
Aluminum	50 (550)	
Expected Shear (hours)	5	PSTC-7 a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	24	ASTM D 2979
Expected Exterior Life:	Two years	
Service Temperature Range:	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature:	50°F (10°C)	
Storage Stability:	Two years when stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.