



PRODUCT INFORMATION

Classics *Plus*® 20106

Product Description:

Classics *Plus* 20106 is a 2.0 mil UL-recognized ink-receptive clear polyester film coated with a permanent pressure-sensitive acrylic adhesive and backed with a two-side polycoated layflat release liner for use over sheets.

Applications:

Labels, decals and nameplates.

Features & Benefits:

- 2.0 mil clear biaxially oriented polyester with high-temperature resistance, and very high tensile strength
- Film thickness allows for ease of hand dispensing and applying.
- Ink-receptive surface is compatible with most standard non-polyester based screen process and offset inks
- Excellent processing properties which does not have a tendency to curl; therefore, diecutting and guillotine operations may be run with a minimum of adhesive build-up.
- Adhesion to a variety of surfaces, including low surface energy plastics, make it a truly general-purpose adhesive
- General purpose, high-performance, dispensable clear polyester product identification marking material
- Sheet liner is curl-resistant due to its moisture-resistance
- Intended to be printed and diecut in sheets, hand-dispensed, and hand applied to the application substrate
- Stiffness and thickness allow ease of handling through manual processing or automatic processing equipment
- UL-recognized for indoor and outdoor use with occasional exposure to water and lubricating oil. For further information, please reference FLEXcon's UL File No. MH10170 (N) or contact your Business Team Representative.

Recommendations:

Please test for ink adhesion with your specific ink chemistry.

Product Variations:

None

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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties:		
Thickness (Mils[microns])	Film: 2.0 (51) +/- 10% Adhesive: 1.0-1.1 (25-28) +/- 0.1 (3) Liner: 6.9 (175) +/- 10%	ASTM D 3652
Dimensional Stability (%)	No shrinkage observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Chemical Resistance	Basic Cleaners: Excellent Gasoline: Excellent Toluene: Fair-Good Water: Excellent	ASTM D 896
Adhesion Properties:		
Ultimate Peel from various surfaces	<u>Average</u> Oz/in (N/m)	ASTM D 903 (Modified for 72 hour dwell time)
Stainless Steel	60 (660)	
Acrylic	71 (781)	
Glass	54 (594)	
Expected Shear (hours)	75	ASTM D 3654 a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	550	ASTM D 2979
Expected Exterior Life:	Two years	
Service Temperature Range:	-40°F to 302°F (-40°C to 150°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

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