

# Classics Plus®

## Product Performance Information

Product Code:	22106
Product Description:	Ink receptive 2 mil silver polyester Permanent acrylic adhesive Sheet form liner
Product Variations:	NONE
Applications:	Nameplates, Decals, and Labels

We designed 22106 as a general purpose, high performance, brilliant silver metallic look product identification marking material. The sheet liner is curl resistant due to its moisture resistance. This product is intended to be printed and die cut in sheets, hand dispensed, and hand applied to the application substrate. It has the stiffness and thickness to be easily handled through manual processing or automatic processing equipment.

The adhesive in 22106 was specifically chosen for its processing properties. It does not have a tendency to curl; therefore, die cutting and guillotine operations may be run with a minimum of adhesive build up. Its adhesion to a variety of surfaces, including low surface energy plastics make it a truly general-purpose adhesive.

The polyester facestock in 22106 is a two mil biaxially oriented polyethylene terephthalate. Its outstanding properties include its high temperature resistance, and its very high tensile strength. The two mil thickness provides enough body to easily hand dispense and hand apply. The ink receptive surface is compatible with most standard non-polyester based screen process and offset inks. Please test for ink adhesion with your specific ink chemistry.

**UL RECOGNITION:** 22106 is recognized by UL as suitable for indoor and outdoor use where exposed to high humidity or occasional exposure to water or lubricating oil as defined below:

<u>Surface</u>	<u>Temperature Limits</u>		<u>Recognition</u>
Aluminum	-40°F to 212°F	(-40°C to 100°C)	Indoor/Outdoor
Galvanized Steel	-40°F to 212°F	(-40°C to 100°C)	Indoor/Outdoor
Stainless Steel	-40°F to 212°F	(-40°C to 100°C)	Indoor/Outdoor
Alkyd Enamel	-40°F to 212°F	(-40°C to 100°C)	Indoor/Outdoor
Polyester Paint	-40°F to 212°F	(-40°C to 100°C)	Indoor/Outdoor
Acrylic Paint	-40°F to 212°F	(-40°C to 100°C)	Indoor/Outdoor
ABS Paint	-40°F to 176°F	(-40°C to 80°C)	Indoor/Outdoor



**FLEXCON**

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Product Code: 22106

Product Description: Ink receptive 2 mil silver polyester  
Permanent acrylic adhesive  
Sheet form liner

Product Variations: NONE

Physical Properties: Gauge - mils (microns)  
Film - 2.0 (50)  $\pm 10\%$   
Adhesive: 1.0 -1.1 (25-28)  $\pm .1$  (3)  
Liner: 6.7 (170)  $\pm 10\%$

Dimensional Stability: Applied to Aluminum and heat aged.  
Excellent: No shrinkage observed

Chemical Resistance: Basic Cleaners: Excellent  
Gasoline: Excellent  
Toluene: Good  
Water: Excellent

Adhesive Performance: Ultimate Peel Adhesion From -  

	<u>oz/in</u>	<u>(N/m)</u>
Stainless Steel:	60-87	(660-955)
Acrylic Plastic:	53-75	(580-825)
Polypropylene:	17-33	(185-360)

  
Shear Adhesion: 35 hr. minimum

Exterior Durability: Two Years

Service Temperature Range: -40°F to 212°F (-40°C to 100°C)

Minimum Application Temperature: 50°F (10°C)

Storage Stability: Two years when stored at 70°F (21°C)  
and 50% relative humidity.

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**PRODUCT PERFORMANCE AND SUITABILITY**

All of the descriptive information and recommendations for the use of FLEXcon products should be used only as a guide. Furnishing such information and recommendations shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall independently determine 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, guarantee, or to make any representation in addition or contrary to the above.