

Premium Polyester Durability Characteristics

Product Description:

Camcode's Premium Polyester label is designed to clearly mark and identify assets. This label is constructed of a 2.0 mil gloss white polyester face stock, over-laminated with a 1.0 mil clear polyester film, and a 0.8 mil high performance permanent pressure-sensitive adhesive. The adhesive offers high initial tack, and is designed to permanently bond to high and low surface energy plastics, slightly textured, or contoured surfaces. The label has good resistance to general purpose and household cleaners, mild acids, oil and water. Expected exterior life is up to two years.

PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils [microns])	Film: 2.0 (51) +/- 10% Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3) Liner: 3.1 (79) +/- 10%	ASTM D 3652
Dimensional Stability (%)	0.25% MD 0.25% TD	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Chemical Resistance (non printed stock)		ASTM D 896 (Modified for numbers of cycles and cycle time)
Household Cleaners:	No effect on topcoat or adhesive	
Mild Acid:	No effect on topcoat or adhesive	
Oil:	No effect on topcoat or adhesive	
Water:	No effect on topcoat or adhesive	
Adhesion Properties		
Ultimate peel from various surfaces	Oz/in (N/m) average	ASTM D 903
Stainless Steel:	64 (704)	(Modified for 72 hour dwell time)
Acrylic:	68 (748)	
Glass:	65 (726)	
Polypropylene:	Not recommended	
Expected Shear	50 Hours	ASTM D 3654 Method A a. 1 hour dwell b. 1 square inch surface c. 4 pound load
Tack	375 gm/sq. cm.	ASTM D 2979
Expected Exterior Life:	Up to 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	

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Note: Users must test products in the specific environment anticipated.
Camcode does not warrant performance of its materials in any environment.

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