

Destructible Vinyl Durability Characteristics

Product Description:

Camcode's **Destructible Vinyl** label is designed to exhibit immediate destructibility on many surfaces. This label is constructed of a 2.0 mil white cast vinyl face stock, with a 0.8 mil permanent pressure-sensitive adhesive. The adhesive is designed to permanently bond to high and low surface energy plastics, textured and contoured surfaces, powder coatings, and slightly oily metals. 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) Adhesive: 0.8 (20) Liner: 3.2 (81)	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 (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:	Label breaks	(Modified for 72 hour dwell time)
Acrylic:	Label breaks	
Glass:	Label breaks	
Polypropylene:	Label breaks	
Expected Shear	Label breaks	ASTM D 3654 Method A a. 1 hour dwell b. 1 square inch surface c. 4 pound load
Tack	Label breaks	ASTM D 2979
Expected Exterior Life:	Up to Two Years	
Service Temperature Range:	-40°F to 300°F (-40°C to 149°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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