

# 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
<b>Physical Properties</b>		
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) Household Cleaners: Mild Acid: Oil: Water:	No effect on topcoat or adhesive No effect on topcoat or adhesive No effect on topcoat or adhesive No effect on topcoat or adhesive	ASTM D 896 (Modified for numbers of cycles and cycle time)
<b>Adhesion Properties</b>		
Ultimate peel from various surfaces Stainless Steel: Acrylic: Glass: Polypropylene:	Oz/in (N/m) average Label breaks Label breaks Label breaks Label breaks	ASTM D 903 (Modified for 72 hour dwell time)
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
<b>Expected Exterior Life:</b>	Up to Two Years	
<b>Service Temperature Range:</b>	-40°F to 300°F (-40°C to 149°C)	
<b>Minimum Application Temperature:</b>	50°F (10°C)	
<b>Storage Stability:</b>	Two years when stored at 70°F (21°C) and 50% relative humidity	

\*Camcode® is a registered trademark of Horizons Incorporated.

**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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