

Product: Premium Polyester Plus UID Label



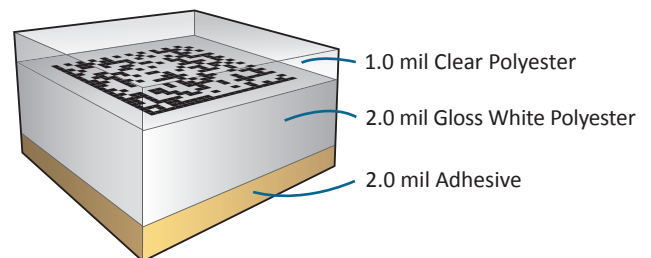
Product Features

- Over laminate shields graphics against abrasion and chemicals.
- 2.0 mil high-performance adhesive is designed to permanently bond to many surfaces.
- Highly readable crisp black graphics on white background.
- All Camcode[®] UID labels are verified to the required print quality standards. Registration service is also available.

Need a Durable Polyester UID Label?

Description

Camcode's **Premium Polyester Plus UID Label** is an ideal material for less demanding applications, in certain caustic environments, or where more flexibility is desired. 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 2.0 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, rough-textured or contoured surfaces. The label has good resistance to general purpose cleaners, mild acids, oil and water. Expected exterior life is up to two years.



Product Specifications

- Material** 2.0 mil gloss white polyester face stock; over-laminated with a 1.0 mil clear polyester film.
- Adhesive** 2.0 mil high performance permanent pressure-sensitive adhesive.
- Label Copy** Several font types are available as well as logos or other design elements.
- Symbologies** All common symbologies available including code 3 of 9, 12 of 5, 128 and Data matrix.
- Colors** Black graphics on white background; color options available.
- Standard Sizes** Several standard and custom sizes available.
- Packaging** Shipped in sequential order, in rolls, in boxes. 100% no missing numbers.
- Shipment** 10 working days from receipt of order and approval of artwork. Expedited shipment is available for an additional charge.

Premium Polyester Plus UID Labels

Durability Characteristics

Product Data	Value	Test Method
Physical Properties		
Thickness (mils[microns])	Film: 2.0 (51) +/- 10% Adhesive: 1.9-2.1 (48-53) +/- 0.1 (3) Liner: 3.1 (79) +/- 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 (non-printed stock)		
<i>Household Cleaners</i>	No image or adhesion loss	ASTM D 896 (modified for numbers of cycles and cycle time)
<i>Mild Acid</i>	No image or adhesion loss	
<i>Oil</i>	No image or adhesion loss	
<i>Water</i>	No image or adhesion loss	
Adhesive Properties		
Ultimate Peel from various surfaces	Oz/in (N/m) average	ASTM D 903
Stainless Steel	102(1122)	(Modified for 72 hr dwell)
Acrylic	116 (1276)	
Glass	101 (1111)	
Polypropylene	36 (396)	
Expected Shear	50 hours	ASTM D 3654 Method A a. 1 hour dwell b. 1 square inch surface c. 4 pound load
Tack	990 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) on most surfaces	
Storage Stability	Two years when stored at 70°F (21°C) and 50% RH.	

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