

HellermannTyton

443 FLEXIBLE WHITE VINYL

PRODUCT CONSTRUCTION:

Facestock: 4.0 mil flexible white vinyl
Adhesive: 1.9-2.1 permanent acrylic
Liner: 50# bleached kraft roll-form

FEATURES

4.0 mil flexible white vinyl designed for high performance UV stable applications. Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of surfaces including low surface energy plastics, baked enamel and powder coat painted breaker boxes and panels. Vinyl has a UV stable outdoor rating for product identification labeling. Labels should not show signs of **degradation for many years in vertical outdoor exposure conditions.** Heavy coat weight of adhesive is ideal for rough textured surfaces. Excellent for powder coat surfaces.



The "CheckHT" symbol in the corner of the label this product is warranted for 7 years and meets all applicable codes and standards of outdoor durability.

APPLICATIONS

Ideal for photovoltaic electric installations for large utility or scaled projects. Ideal for safety-hazard/instruction labels.

PHYSICAL PROPERTIES

Ultimate Peel from various surfaces:

	Average Oz/in (N/m)	Test Method
Stainless Steel	108 (1188)	ASTM D903 (Modified for 72 hour dwell time)
Acrylic	148 (1628)	
ABS	84 (924)	
ABS-Textured side	40 (440)	
Polypropylene	66 (726)	
Expected Shear (hours)	15	ASTM D 3654 Method A (1 hr. Dwell, 1 sq. in. surface, 4 lb. load)
Tack (gm/sq cm)	880	ASTM D2979

ENVIRONMENTAL PERFORMANCE

Outdoor Life: This material stable for long term outdoor use. Outdoor aging is dependent on climate, the direction the label faces, the surface angle to which the label is applied (horizontal or vertical) and the amount of airborne pollutants to which the label is exposed. Initial life is 5 years

Left side is showing 5,000 hours of equivalent outdoor exposure using Xenon Arc.

Right side is showing original un-exposed material for comparison



5,000 hours of exposure using Xenon Arc
Slight fading of colors.
Results: PASS

Left side is showing 9,038 hours of equivalent outdoor exposure using Xenon Arc.

Right side is showing **original un-exposed material for comparison**



9,038 hours of exposure using Xenon Arc
Slight fading of colors.
Results: PASS