

# ULTRA™ CAST VINYL

## Description

Full 7-year exterior durability. Outstanding cutting and weeding. Conforms to all flat or curved surfaces, especially rivets and corrugations. Extremely stable and solvent resistant. Excellent choice for fleet graphics and premium signs. In 54 designer colors. Use with Kapco Premask™ Plus or Kapco Premium Transfer Tapes.

## Construction

Face Film: 2.0 mil (53 µm) solid color, high gloss, premium, cast vinyl film  
 Adhesive: Permanent, clear, acrylic, pressure-sensitive  
 Release Liner: 78# white bleached kraft

## Physical Properties

The following information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of this material for his/her specific purpose. (Data represents averages and is not intended for use as a specification).

Outdoor Durability: 7 years when properly processed and applied (vertical exposure (90° ± 10°), unprinted film). Warranty coverage is defined as no appreciable deterioration in the product. Cracking, crazing, blistering or loss of adhesion constitutes a breach of warranty if it occurs during the stated life of the product.

Minimum Surface/Ambient Air Application Temperature: 40° F

Application Surface: Flat, flat with rivets, rivets and corrugations

Service Temperature Range: -50° F to 225° F (Reasonable range of temperatures which would be expected under normal environmental time and temperature conditions)

Chemical Resistance: Resistant to most petroleum based oils, greases and aliphatic solvents. Resistant to mild acids, alkalies and salt.

Typical Adhesion Values:	180° Peel Test	Substrate	1 min	15 min	24 hrs
		Stainless Steel	3.3 lbs/in (437 N/m)	3.7 lbs/in (525 N/m)	4.5 lbs/in (700 N/m)

Note: Tested per ASTM 1000.  
 Always pretest your specific substrate prior to actual application.

Shelf Life: 1 year at temperatures under 73° F 50 ± 5% R.H.

Tensile At Yield: 4.0 to 8.0 lbs/in<sup>2</sup>

Dimensional Stability: Less than 0.015 in shrinkage determined by measurement of unprinted film applied to 36 in<sup>2</sup> aluminum test panel after 72 hrs aging at 73° F 50± 5% R.H. followed by 48 hrs at 150° F

## Military Specification Compliance

Ultra™ Cast films comply with Military Specification MIL-M-43719C, Type 1, Class 1.



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**Standard Warranty**

All statements, technical information and recommendations about Kapco products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Kapco products are sold with the understanding that the Purchaser has independently determined the suitability of such product for its purposes. Kapco products are warranted to be free from defects in material and workmanship for either one year (or the period stated on the specific product information literature in effect at time of delivery, if longer) from date of shipment if said product is properly stored and applied. It is expressly agreed and understood that Kapco's sole obligation and Purchaser's exclusive remedy under this warranty, under any other warranty, express or implied, or otherwise, shall be limited to repair or replacement of defective product without charge at Kapco's plant or at the location of product (at Kapco's election), or in the event replacement or repairs is not commercially practical, to Kapco's issuing Purchaser a credit reasonable in light of the defect in the product.

Kapco's liability for defective products shall not exceed the purchase price paid therefore by Purchaser and in no event shall Kapco be responsible for any incidental or consequential damages whether foreseeable or not, caused by defects in such product, whether such damage occurs or is discovered before or after replacement or credit, and whether or not such damage is caused by Kapco's negligence.

No express warranties and no implied warranties, whether of merchantability or fitness for any particular use, or otherwise (except as to title) other than those expressly set forth above which are made expressly in lieu of all other warranties, shall apply to products sold by Kapco. Kapco specifically disclaims and excludes all other such warranties, no waiver, alteration, addition or modification of the foregoing conditions shall be valid unless made in writing and manually signed by an officer of Kapco.

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