

### **Typical Characteristics**

Target Adhesion Values	15 min.	24 hr.
(PSTC-1, 180° peel @ 12"/min., 73°F, on Stainless Steel)	48 oz.	56 oz.
Elongation	>180	
Minimum Application Temperature	50°F	
Service Temperature Range	-5°F to +250°F	
Shelf Life (@ 73°F, 50% RH)	2 years	
Outdoor Durability of vertical unprocessed media		

### **Substrate Preparation**

All surfaces should be thoroughly cleaned and dried prior to applying the film. Handle the film with care to prevent damage, fingerprints, dirt or other types of imperfections that will show on the finished product. Using a recommended overlaminate will improve the durability and allow an easier installation. A small test is recommended to ensure compatibility between all involved components.

### **Maintenance and Cleaning**

Caution should be used when caring for the wrapped vehicle. Washing by hand with non-abrasive cleaner is recommended. Do not apply waxes or polishes. A medium power pressure washer can be used with the spray nozzle perpendicular to the area being washed. Avoid hitting the edge at an angle to avoid causing the film to lift.

### **Removability**

DuraVinyl™ 706 VelociWrap, when laminated and at a minimum of 50°F air and substrate temperature, is cleanly removable for up to five years after application with high heat and/or chemicals. "Clean Removability" is defined as, when removed it will leave less than 20% of the adhesive on the substrate. Some substrates are affected by the application, such as acrylic, glass, stainless steel, polycarbonate, polystyrene, nitro-cellulose paints and plasticized PVC's. Besides damaging the substrate, subsequent removal could be difficult. Removal is not guaranteed from paint that is damaged or older than 5 years or from horizontal applications.

### **Durability**

The outdoor durability of the unprinted film positioned vertical is 10 years. The location of the graphic and how the graphic is positioned could greatly reduce the durability because of extreme UV and outdoor exposure, which will affect the warranty.

## Marine

Marine applications have different requirements and therefore different expectations. Graphics manufactured using Quality Media and Laminating Solutions' wrap vinyl products are warranted to maintain acceptable appearance for one year from date of application. Marine graphics applied under the water line are not warranted.

## Limitations

The user is responsible for determining the product's suitability, including adhesion and if needed, removal characteristics when used in applications other than listed specifically in this Performance Guide.

## Recommendations

Always test your combination of print media, the inks, overlamine and substrate prior to commercial use.

## Printing Conditions

Print in environmentally controlled rooms at  $\pm 73^{\circ}\text{F}$  ( $23^{\circ}\text{C}$ ) and 50% RH. The material needs to acclimate to the room 24 hours prior to use. The maximum allowable ink saturation is 270%. Printing with UV ink, both inkjet and Screen, will significantly reduce the elongation of this film and may result in cracking or lifting out of the deeper recesses and is not a warranty failure.

★ **Not recommended surfaces include, but not limited to:** rubber and plastic, aged paint and metals (corrosion or oxidation), improperly cured paint, surfaces with poor paint-to-surface adhesion, over existing graphics that must remain upon removal, oily surfaces, unpainted wood, etc.

