

Product Bulletin

DRAGON WRAP (780) CARBON FIBER VINYL FILM

Dragon Wrap carbon fiber film is a 5.6 mil calendered vinyl film featuring a clear repositionable permanent acrylic adhesive on a 90# air-egress liner. This film has excellent dimensional stability, outstanding durability and outdoor performance. Available in three colors, 780 Black, 781 Argent and 782 White. These films may be printed using solvent, eco-solvent and UV curable digital inks. This repositionable permanent adhesive offers minimal initial bond growing to permanent bonds that facilitates application of large graphics. The air egress liner also aids in large graphic applications.

Applications	Common uses are Automotive Accent Restyling and Automotive Wraps as applied by experienced installers. Other applications include Architectural Signage, Interior and Exterior Displays. These films are intended for flat to moderately curved surfaces. Heat setting is always recommended. If printing, these films must be tested before production.	
Thickness	Film Adhesive Liner (Thickness variance +/- 10%)	5.6 mils. 1.1 to 1.3 mils. 7.0 mils. (90#)
Dimensional Stability	Good.	
Temperature Ranges	Minimum application temperature Service temperature range	+40° F -40°F to +200°F.
Adhesion	To stainless steel When tested according to PSTC-101 Method A with 24 hr. dwell at 70 °F and 50% relative humidity. Typical values. Individual values may vary. Test thoroughly before production.	40 oz/in.
Water Resistance	Excellent. Test if immersed.	
Humidity Resistance	Excellent.	
Solvent Resistance	Excellent	
Expected Exterior Exposure	Up to 5 years. Performance can vary depending on UV exposure	
Extended Care	Dragon Wrap carbon fiber wrap films should be maintained to preserve long term appearance using standard aftercare products designed for textured exterior vinyl surfaces. A commercially available protectant such as Armor All or 303 Aerospace Protectant is recommended. DO NOT use waxes of any type.	
Storage Stability	1-year shelf life when stored at 70°F and 50% relative humidity.	
Product Series	780-30U 780-60U	30"x150' 60"x150'



*Manufacturer of Pressure Sensitive Films,
Traffic Graphic Floor Advertising Films, Custom
Coatings and Printing Inks.*

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