



Substrate Data Sheet

2010 White Vinyl

General Discription: *This is a 2mil cast white vinyl with clear permanent pressure sensitive modified acrylic adhesive and back with a Transparent Synthetic flat release liner.*

Production Data	Value	Test Method
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Physical Properties

Thickness	Film & Adhesive	2.5 to 3.5 mil (0.063 to 0.09mm)	n/a
Applied Shrinkage		0.008in (0.2mm)	
Tensile Strength (mimumum)		5lbs/in @ 73°F (0.9kg/cm @ 23°C)	

Adhesion Properties**

Final adhesion value is 24 hours after application

ABS	4 pounds/inch (0.7kg/cm)	n/a
Acrylic	4 pounds/inch (0.7kg/cm)	
Acrylic Enamel	4 pounds/inch (0.7kg/cm)	
Aluminum, alodine	8 pounds/inch (1.4kg/cm)	
Chrome	5 pounds/inch (0.9kg/cm)	
Polycarbonate	4 pounds/inch (0.7kg/cm)	
Urethane Paints	4 pounds/inch (0.7kg/cm)	

Chemical Resistance Characteristics

Resists mild acids, alkalis, and salts
Excellent water resistance

Expected Exterior Life

United States	5 to 8 years	Vertical Exposure: face of graphic is +/- 10 ° from vertical
U.S. Desert Southwest*	3 to 5 years	

*The U.S. Desert Southwest includes Arizona, New Mexico, and the desert areas of California, Nevada, Utah, and Texas. The exterior life of the products is reduced due to the high solar energy exposure in these areas.

Service Temperature Range	-40°F to 225°F (-40°C to 107°C)
Minimum Application Temperature	50°F (10°C)
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity

Product Performance and Suitability

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