



Substrate Data Sheet

1080 White Vinyl

General Discription: *This is a flexible white vinyl film coated with a removable pressure sensitive acrylic adhesive and backed with a two-side poly coated lay flat release liner.*

Note: *Application environments and certain surfaces such as vinyl, glass, acrylic, styrene, polycarbonate can cause increased adhesion and adhesive transfer. We recommend that all surfaces be tested for compatibility and removability.*

Production Data	Value	Test Method
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Physical Properties

Thickness (Mils[microns])	Film	3.5 (89) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	

Dimensional Stability (%)	MD	0.75	On Al panel at 160°F (71°C) for 24 hr.
	TD	0.75	

Adhesion Properties*

Adhesion from	Oz/In	N/m	ASTM D 903 (Modified for 72 hour dwell time)
Stainless Steel	20	(220)	
Acrylic	24	(264)	
Glass	17	(187)	
Polypropylene	14	(154)	

Expected Shear (Hours)	2	ASTM D 3654 Method A
		a. 1hr. Dwell
		b. 1 sq. in. surface
		c. 4 lb. load

* For guidance only, not to be used for setting specifications. Due to the custom nature of this product, the data presented are based on three or less production runs.

Tack (gm/sq cm)	280	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-20°F to 176°F (-29°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	

*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.

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of LY.com products shall be used as a guide and do not reflect the specification or specification range for all particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no even constitute a warranty of any kind by LY.com All purchasers of LY.com products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of LY.com is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.