



Substrate Data Sheet

1S10 Silver Glitter Vinyl

General Discription: This is a rigid transparent silver vinyl film coated with a flake filled permanent pressure sensitive acrylic adhesive and backed with a two-side poly coated lay flat release liner.

Production Data	Value	Test Method
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Physical Properties

Thickness (Mils[microns])	Film	2.4 (61) +/- 10 %	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive*	3.0-6.0 (76-152)	
	Liner	6.9 (175) +/- 10 %	

*Adhesive thickness variation is caused by glitter in adhesive

Dimensional Stability (%)	MD	0.75	On Al panel at 160°F (71°C) for 24 hr.
	TD	0.50	

Adhesion Properties**

Ultimage Peel From Average	Oz/In	N/m	
Stainless Steel	45	(495)	ASTM D 903 (Modified for 72 hour dwell time)
Acrylic	42	(462)	
Glass	40	(440)	
Polypropylene	11	(121)	

Expected Shear (hours)	1.0	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)	170	ASTM D 2979
Expected Exterior Life	Indoor Use only	
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years 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

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