



Substrate Data Sheet

1351 Brushed Silver

General Discription: This is a topcoated thermal transfer printable metalized brushed silver polyester film coated with a permanent pressure sensitive acrylic adhesive backed with a with two-side poly coated lay flat release liner.

Production Data	Value	Test Method
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Physical Properties

Thickness (Mils[microns])	Film	2.0 (51) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
	Adhesive	1.5-1.6 (36-38) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10 %	

Dimensional Stability (%)	No shrinkage aobserved	On Al panel at 160°F(71°C) for 24 hr.
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Adhesion Properties**

Ultimage Peel From Average	Oz/In	(N/m)	ASTM D 903 (Modified for 72 hour dwell time)
Stainless Steel	102	(1122)	
Acrylic	93	(1023)	
Glass	100	(1100)	
Polypropylene***	15	(165)	

Expected Shear (hours)	100 +	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.

*** Sometime product shows zippy adhesion.

Tack (gm/sq cm)	1680	ASTM D 2979
Expected Exterior Life	Two years	
Service Temperature Range	-40°F to 302°F (-40°C to 150°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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