



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

REFLECTAmark™ SG 450 WHITE REFLECTIVE V-344 90 PFW

GENERAL DESCRIPTION:

This is a white reflective film coated with a permanent pressure sensitive acrylic adhesive and backed with a two-side poly coated lay flat release liner.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness	Film + Coating: 4.5 (51) +/- 15 %	ASTM D 3652
mil (micron)	Adhesive: 0.9-1.0 (23-25) +/- 0.1 (3)	
	Liner: 6.9 (175) +/- 10 %	
Dimensional Stability (%)	MD: 0.50	On Al panel at 160°F (71°C) for 24 hr.
	TD: 0.50	

ADHESION PROPERTIES**

Adhesion from	Average oz/in (N/m)	
Stainless Steel	46 (506)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	57 (627)	
Glass	49 (539)	
Polypropylene	38 (418)	
Expected Shear (hours)	10	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	620	ASTM D 2979

** 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 film rips during adhesion test.

EXPECTED EXTERIOR LIFE	Two years
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% RH

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Product Performance and Suitability

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