



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

FLEXmark® V-126 ADHESIVE

GENERAL DESCRIPTION:

This is a high performance permanent pressure sensitive acrylic adhesive with an excellent adhesion and shear properties.

NOTE:

For all testing 1.9-2.1 mil (48-53 micron) of V-126 adhesive was transfer coated on 2.0 mil (51 micron) clear polyester (PM 200 CLEAR) film.

PRODUCT DATA	VALUE	TEST METHOD
ADHESION PROPERTIES**		
Adhesion from	Average oz/in (N/m)	
Stainless Steel	78 (858)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	75 (825)	
Glass	84 (924)	
Polypropylene	9 (99)	
Expected Shear (hours)	100 +	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	790	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.

HUMIDITY RESISTANCE

Test Method: On SS panel at 100°F and 95% RH vs. 72 hr on SS panel at RT.

1 day + 15 min recovery	No visual change, 30 adhesion loss
1 day + 24 hr recovery	No visual change 5% adhesion loss

7 day + 15 min recovery	No visual change, 3% adhesion loss
7 day + 24 hr recovery	No visual change, 5% adhesion loss

3 day water immersion + 24 hr recovery vs. 72 hr at RT. on SS panel (24 hr dwell time on SS panel before immersion)

No visual change or adhesion loss

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Product Performance and Suitability

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