



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

FLEXmark® V-95 ADHESIVE

GENERAL DESCRIPTION:

This is a clear permanent high performance pressure sensitive acrylic adhesive for pharmaceutical application.

NOTE:

For all testing 0.7-0.8 mil (18-20 micron) of V-95 adhesive was transfer coated on 1.4 mil (36 micron) clear polyester (PM 150 CLEAR) film.

PRODUCT DATA	VALUE	TEST METHOD
ADHESION PROPERTIES**		
Adhesion from	Average oz/in (N/m)	
Stainless Steel	42 (462)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	49 (539)	
Glass	42 (462)	
Polypropylene	6 (66)	
Expected Shear (hours)	100 +	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	480	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. (24 hr dwell time on SS panel before immersion)

1 day + 15 min recovery	No visual change, 40% adhesion loss
1 day + 24 hr recovery	No visual change, or adhesion loss

7 day + 15 min recovery	No visual change, 45% adhesion loss
7 day + 24 hr recovery	No visual change or 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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