



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

FLEXmark® V-344 ADHESIVE

GENERAL DESCRIPTION:

This is a permanent pressure sensitive acrylic adhesive.

NOTE:

For all testing 1.0-1.1 mil (25-28 micron) of V-344 adhesive was transfer coated on 3.5 mil (89 micron) flexible white vinyl (V 400 F white) and 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)	ASTM D 903 (Modified for 72 hr dwell time)
Stainless Steel		
V 400 F WHITE:	73 (803)	
PM 200 CLEAR:	55 (605)	
Acrylic		
V 400 F WHITE:	78 (858)	
PM 200 CLEAR:	61 (671)	
Glass		
V 400 F WHITE:	75 (825)	
PM 200 CLEAR:	56 (616)	
Polypropylene		
V 400 F WHITE:	34 (374)	
PM 200 CLEAR:	35 (385)	
Expected Shear (hours)		ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
V 400 F WHITE:	25	
PM 200 CLEAR:	100 +	
Tack (gm)		ASTM D 2979
V 400 F WHITE:	750	
PM 200 CLEAR:	460	

** 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.

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, 30% adhesion loss

No visual change, 20% adhesion loss

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Product Performance and Suitability

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