



## Providing Solutions in Pressure Sensitive Films

# Product Construction Sheet

FLEXmark® V-88 ADHESIVE

### GENERAL DESCRIPTION:

This is a permanent pressure sensitive rubber base adhesive with an excellent adhesion and shear properties.

### NOTE:

For all testing 1.0-1.1 mil (25-28 micron) of V-88 adhesive was transfer coated on 2.0 mil (51 micron) clear polyester (PM 200 CLEAR) film. This adhesive is not suitable for plasticized surfaces such as vinyl. Removal of liner and than relamination is not recommended.

PRODUCT DATA	VALUE	TEST METHOD
ADHESION PROPERTIES**		
Adhesion from	Average oz/in (N/m)	
Stainless Steel	100 (1100)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	101 (1111)	
Glass	93 (1023)	
Polypropylene	40 (440)	
Expected Shear (hours)	100 +	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	1000	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, 85% adhesion loss
1 day + 24 hr recovery	No visual change or adhesion loss
7 day + 15 min recovery	No visual change, 95% adhesion loss
7 day + 24 hr recovery	No visual change or adhesion loss

\* FLEXmark is a registered trademark of FLEXcon Company, Inc.

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### Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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 PRODUCT DATA  
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CHEMICAL RESISTANCE

Test Method: ASTM D 896 (All testing at RT., five cycles, ten minutes in solvent, thirty minutes recovery on SS panel (24 hour recovery after last cycle) vs. 72 hour on SS panel at RT. (24 hr dwell time on SS panel before immersion)

Windex	No visual change, 20% adhesion loss
Isopropyl Alcohol	No visual change, 15% adhesion loss
Gasoline	Edge penetration, 30% adhesion loss
Toluene	Edge penetration, 35% adhesion loss
Oil (SAE 10W-30)	No visual change, 10% adhesion loss
Acetic Acid (5%)	No visual change, 15% adhesion loss
Water	No visual change, 20% adhesion loss

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 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, 5% adhesion loss

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 EXPECTED EXTERIOR LIFE

Indoor use only

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 SERVICE TEMPERATURE

PM 200 CLEAR:

-40°F to 200°F (-40°C to 93°C)

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 MINIMUM APPLICATION TEMPERATURE

50°F (10°C)

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 STORAGE STABILITY

Two years stored at 70°F (21°C) and 50% RH  
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