



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

FLEXmount® TT 200 V-417 55 LA K

GENERAL DESCRIPTION:

This is a 2.0 mil (51 micron) permanent pressure sensitive acrylic adhesive supported with a semi bleached kraft differential release liner.

NOTE:

For all testing, transfer tape was laminated to 2.0 mil (51 micron) clear polyester (PM 200 CLEAR) film.

PRODUCT DATA

VALUE

TEST METHOD

PHYSICAL PROPERTIES

Thickness	Adhesive: 1.9-2.1 (48-53) +/- 0.1 (3)	ASTM D 3652
mil (micron)	Liner: 3.2 (81) +/- 10 %	

ADHESION PROPERTIES**

Adhesion from	Average oz/in (N/m)	
Stainless Steel	66 (726)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	76 (836)	
Glass	68 (748)	
Polypropylene	15 (165)	
Expected Shear (hours)	100 +	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	510	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 humidity exposure)

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, 60% 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

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.

 PRODUCT DATA

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

EXPECTED EXTERIOR LIFE	Depends on substrates
SERVICE TEMPERATURE	-40°F to 302°F (-40°C to 150°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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