



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

FLEXmark® PM-200-C PTP V-58 98PFW

GENERAL DESCRIPTION:

This is a printable clear polyester coated with a removable pressure sensitive acrylic adhesive and backed with a super smooth PE coated kraft layflat release liner.

NOTE:

This adhesive removes cleanly from most surfaces, However, application environments and certain surfaces such as vinyl, styrene, varnished wood, polycarbonate may cause increased adhesion and adhesive transfer.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness (micron)	Film: 50 +/- 10 % Adhesive: 15-18 +/- 3 Liner: 180 +/- 10 %	ASTM D 3652
Dimensional Stability (%)	No shrinkage observed	On Al panel at 70`C for 24 hr.

ADHESION PROPERTIES**

Adhesion from (N/m)	Average	
Stainless Steel	341	FTM 1 (Modified for 72 hr dwell time)
Acrylic	407	
Glass	297	
Expected Shear (hours)	1	FTM 8
Tack (gm/sq cm)	340	ASTM D 2979

** For guidance only
This data is based on limited test results due to the custom nature of this product, not to be used for setting specifications.

HUMIDITY RESISTANCE

24 hour at RT. on SS panel then at 100`F 95% RH vs. 72 hr on SS panel RT.	
1 day + 15 minutes recovery	No visual change, 20% adhesion loss
1 day + 24 hour recovery	No visual change, 10% adhesion loss
7 day + 15 minutes recovery	No visual change, 80% adhesion loss
7 day + 24 hour recovery	No visual change, 15% adhesion loss

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Product Performance and Suitability

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PRODUCT DATA	VALUE	TEST METHOD
CHEMICAL RESISTANCE		ASTM D 896

All testing at RT., 24 hr on SS panel, then five cycles 10 minutes immersion, 30 minutes recovery (24 hour recovery after last cycle) Vs 72 hour at RT. on SS panel

Windex	No visual change or adhesion loss
Isopropyl alcohol	No visual change or adhesion loss
Oil (SAE 10W-30)	No visual change or adhesion loss
Acetic Acid	No visual change or adhesion loss
Water	No visual change or adhesion loss
Toluene	Edge penetration, 60% adhesion loss
Gasoline	Edge penetration, 60% adhesion loss

72 hour water immersion 24 hour recovery	No visual change, 20% adhesion loss
EXPECTED EXTERIOR LIFE	2 year
SERVICE TEMPERATURE RANGE	-20`C to 150`C
MINIMUM APPLICATION TEMPERATURE	10`C
STORAGE STABILITY	Two years stored at 21`C and 50% RH

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