

High-Temperature Maskant

Clear Overlaminating Polyester

*End Use Applications:
Display screen protection in
factory environments, display
screen protection of consumer
and industrial electronics,
replaceable masking and
protection of equipment*

*Markets:
Industrial Products
Aerospace
Industrial Equipment
Electronics*

*For more information on
FLEXcon's
pressure-sensitive film
solutions for masking,
contact your local Sales
Representative or our
Performance Products
Business Team at (508)
885-8440.*

Product ID #: FLX058733



Product: Flexcon® FlexMark® PM 500 Clear PTP
SA1000 M-300-W

Benefits:

- 5.0 mil clear print treated polyester provides excellent clarity for specialty masking
- Print-treated polyester resists temperature extremes, abrasion and chemical exposure for maximum protection
- Flexcon® SA1000 adhesive is excellent for high-temperature masking applications
- Adhesive offers clean removability, as well as performance at temperatures as high as 400°F
- Superior adhesion to smooth surfaces, while providing consistent, clean, quiet removability
- Backed with a 3.0 mil white polyester carrier ideal for adhesive wet out
- Easily applied by hand

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PRODUCT DATA	VALUE	TEST METHOD	
Physical Properties			
Thickness (Mils[microns])	Film	5.0 (127) +/- 10%	
	Adhesive	1.1-1.2 (25-28) +/- 0.1 (3)	
	Film	3.0 (76) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
Adhesion Properties			
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)	
	Oz/In		(N/m)
	Acrylic		Less than 1.0 (Less than 11)
	Glass		Less than 1.0 (Less than 11)
	Polypropylene		Less than 1.0 (Less than 11)
Stainless Steel	Less than 1.0 (Less than 11)	ASTM D 2979	
Tack (gm/sq cm)	60		
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 302°F (-40°C to 150°C) [Film Dependant]		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Two years stored at 70°F (21°C) and 50% RH		

Product Performance and Suitability

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