

## Product Construction Sheet

# FLEXmark<sup>®</sup> ADVANTAGE<sup>™</sup> Superb Sheet



A top coated polyester film, permanent acrylic adhesive and sheet liner.  
This product has UL recognition (file MH 10170)

FLEXmark <sup>®</sup> Advantage <sup>™</sup> Superb	<b>WHITE</b>	PET-DWA3-9W99TG / 27
FLEXmark <sup>®</sup> Advantage <sup>™</sup> Superb	<b>CLEAR</b>	PET-DCA3-9W99TG / 27
FLEXmark <sup>®</sup> Advantage <sup>™</sup> Superb	<b>SILVER</b>	PET-DSA3-9W99TG / 27
FLEXmark <sup>®</sup> Advantage <sup>™</sup> Superb	<b>SATIN SILVER</b>	PET-DUA3-9W99TG / 27
FLEXmark <sup>®</sup> Advantage <sup>™</sup> Superb	<b>THIN CLEAR (different thickness)</b>	PET-BCA3-9W99TG / 27

### Typical Physical Properties\*

		Typical Value	Unit	Test Method
<b>FILM – PET</b>	Thickness	50 (25 Thin Clear)	Micron	DIN 53370
<b>ADHESIVE</b>	Thickness	27	Micron	DIN 53370
	Adhesion From:		N/m	FTM 1 (72 hour dwell)
	Stainless Steel	825		
	Glass	1000		
Polypropylene	700			
	Automotive Paint	780		
	PBT	720		
	Shear	50	Hours	FTM 8
	Tack	720	gram/sq cm	ASTM D 2979
<b>LINER</b>	Thickness	166	Micron	DIN 53370
<b>COMPLETE CONSTRUCTION</b>	Service Temp	-40 to 150	°C	
	Application Temp	> 10°	°C	

\*All technical data presented should be considered representative or typical only and should not be used for specification purposes.

#### Product Performance and Suitability

All of the descriptive information, the typical data, and recommendations for the use of FLEXcon products shall be used only as a guide and do not reflect the 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 to or contrary to the above.

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### Chemical Resistance\*

Test Method: ASTM D896 All testing at room temperature, 24 hour dwell on stainless steel panel before immersion - 5 cycles of 10 minutes in solvent, 30 minutes recovery on stainless steel panel (24 hour recovery after last cycle) vs 72 hours on stainless steel panel at room temperature.

Glass Cleaner	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, 10% adhesion loss
Water	No visual change or adhesion loss

### Humidity Resistance\*

Test method - on stainless steel panel at 38°C and 95% relative humidity vs 72 hour on stainless steel panel at room temperature.

1 day + 15 min recovery	No visual change, 60% adhesion loss
1 day + 24 hour recovery	No visual change or adhesion loss
7 days + 15 min recovery	No visual change, 50% adhesion loss
7 days + 24 hour recovery	No visual change or adhesion loss
3 day water immersion + 24 hour recovery	No visual change, 30% adhesion loss

### Printability

Suitable for most conventional inks (solvent + UV) and hot-foil stamping.

### Storage Recommendations

Material is stable for two years stored at max 21 °C and 50% relative humidity. Damp conditions, excessive heat and/or freezing conditions should be avoided.

### Additional Information

Expected exterior life dependant on substrate but label material is outdoor resistant for at least 2 years.

Material meets RoHS requirements (2002/95/EC), IMDS data available upon request.

Please contact your customer service representative for the latest version of this Product Construction Sheet.

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