

Product Construction Sheet

FLEXmark® ADVANTAGE™ Extreme Range



A top coated polyester film, high performance permanent acrylic adhesive and lay-flat release liner.
 This product has UL recognition (file MH 10170)

FLEXmark® Advantage™ Extreme	WHITE	
FLEXmark® Advantage™ Extreme	CLEAR	
FLEXmark® Advantage™ Extreme	SILVER	
FLEXmark® Advantage™ Extreme	SATIN SILVER	
FLEXmark® Advantage™ Extreme	THIN CLEAR (different thickness)	Not UL recognized

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Typical Physical Properties*		Typical Value			Unit	Test Method
FILM – PET	Thickness	50	(25)	± 10%	Micron	ASTM D 3652
	ADHESIVE	Thickness	36	(27)	± 3	Micron
	Adhesion from:				N / 25mm	FTM 1 (72 hour dwell)
	Stainless Steel	26	(19)			
	Glass	26	(18)			
	Polypropylene	30	(21)			
	Automotive Paint	30	(21)			
	PBT	31	(23)			
	Shear	100			Hours	FTM 8 (1 hour dwell on stainless steel with a 2kg weight)
	Probe Tack	948	(850)		gram/sq cm	ASTM D 2979
LINER	Thickness	166		± 10%	Micron	ASTM D 3652
COMPLETE CONSTRUCTION	Service Temp	-40 to 150			°C	
	Application Temp	10			°C	

Converting Recommendations

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

The Products are coated with a high performance 36 micron thick adhesive (except Thin Clear), proper set and clean dies are needed to allow good conversion.

For Clear material: High performance adhesive has a slight yellow color which cannot be avoided.

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 REACH and RoHS requirements, IMDS data available upon request.

***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.