

Product Construction Sheet

THERMLfilm® ADVANTAGE™ Superb Range



A thermal transfer printable polyester film with print receptive top-coat, high performance extra permanent acrylic adhesive and glassine liner. This product has UL recognition (file MH 16635).

THERMLfilm® Advantage™ Superb	WHITE	PET-DWA2-9W09S/27
THERMLfilm® Advantage™ Superb	SATIN WHITE	PET-DYA1-9W09A/27
THERMLfilm® Advantage™ Superb	WHITE MATTE	PET-DWC2-9W09S/27
THERMLfilm® Advantage™ Superb	SATIN SILVER	PET-DUA2-9W09S/27
THERMLfilm® Advantage™ Superb	SILVER MATTE	PET-DSC2-9W09S/27
THERMLfilm® Advantage™ Superb	CLEAR	PET-DCA2-9W09S/27
THERMLfilm® Advantage™ Superb	SATIN CLEAR	PET-DEA2-9W09S/27
THERMLfilm® Advantage™ Superb	THIN CLEAR (different thickness)	PET-BCA2-9W09S/27

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Typical Physical Properties*		Typical Value		Unit	Test Method	
FILM – PET	Thickness	50	(25)	± 10%	Micron	ASTM D 3652
	ADHESIVE	Thickness	27		± 3	Micron
	Adhesion from:					
	Stainless Steel	21	(14)		N / 25mm	FTM 1 (72 hour dwell)
	Glass	22	(15)			
	Polypropylene	18	(17)			
	Automotive Paint	19	(19)			
	PBT	18	(18)			
	Shear	50			Hours	FTM 8 (1 hour dwell on stainless steel with a 2kg weight)
	Probe Tack	720	(550)		gram/sq cm	ASTM D 2979
LINER	Thickness	56		± 10%	Micron	ASTM D 3652
COMPLETE CONSTRUCTION	Service Temp	-40 to 150			°C	
	Application Temp	10			°C	

Converting Recommendations

Suitable for conventional and thermal transfer printing with wax, combo en resin ribbons.

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/SVHC 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.

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