

Technical data

January, 2016

Product description 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).

Colours 1 - Semi Glossy Aluminum

PHYSICAL PROPERTIES*

Product Data	Typical value	Unit	Test method
Thickness film	50 ± 10%	Micron	ASTM D 3652
Thickness adhesive	27 ± 3	Micron	ASTM D 3652
Thickness liner	56 ± 10%	Micron	ASTM D 3652
Dimension stability (%)	No shrinkage observed		On a panel at 70°C for 24hrs

ADHESION PROPERTIES

Stainless steel	21		
Glass	22		
Polypropylene	18	N / 25mm	FTM 1 (72 hr dwell time)
Automotive Paint	19		
PBT	18		
Shear	50	Hours	FTM 8 (1 hr dwell on stainless steel with a 2kg weight)
Probe Tack	720	gram / cm ²	ASTM D 2979
Liner Thickness	56 ± 10%	Micron	ASTM D 3652

COMPLETE CONSTRUCTION

Service Temperature	-40 to 150	°C
Application Temperature	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 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.**

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