

Polyester silver matt extreme

Permanent

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 (MH61146).

Typical physical properties*

Raw material	1904003			
		Richtwert	Einheit	Testmethode
FILM-PET	Thickness	50 (25) ± 10%	Micron	ASTM D 3652
ADHESIVE	Thickness	36 ± 3	Micron	ASTM D 3652
	Adhesion from:			
	Stainless Steel	26 (19)		
	Glass	26 (18)		
	Polypropylene	30 (21)	N/25mm	FTM 1 (72 hour dwell)
	Automotive Paint	30 (21)		
	PBT	31 (22)		
	Shear	100	Hours	FTM 8 (1 hour dwell on stainless steel with a 2 Kg weight)
	Probe Tack	948 (850)	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 and resin ribbons. The Products are coated with a high performance 36 micron thick adhesive, 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 12 months stored at max 21° C and 50% relative humidity. Damp conditions, excessive heat and/or freezing conditions should be avoided.

Additional Info

Expected exterior life dependant on substrate but label material is outdoor resistant for at least 12 months. 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.**

Disclaimer

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

This publication does not constitute any warranty, express or implied, and is intended only for the recipient and cannot therefore be transferred to any third party. We cannot assume any liability for the use of our products in conjunction with other materials.

All our products are sold subject to Carl Valentin's general sales conditions, and you should ensure that any existing laws are observed.

This publication replaces all previous versions. All information is subject to change without notice.



Carl Valentin GmbH
Neckarstraße 78 – 86 u. 94
78056 Villingen-Schwenningen
Phone + 49 7720 9712-0
info@carl-valentin.de
www.carl-valentin.de

