Matt Silver Polyester
Product Code – STPE

PRODUCT DESCRIPTION

Matt silver topcoated polyester offers excellent dimensional stability combined with good solvent, humidity, elevated temperature and UV resistance. Designed to accept conventional inks and thermal transfer printing with resin and wax/resin ribbons. Material is coated with high performance acrylic adhesive which exhibits low adhesive ooze combined with very good chemical and elevated temperature shear resistance. Excellent adhesion on a broad range of surfaces.

Typical Applications:

On demand variable information labels for rating, warning, hazard, serial and barcode labels.

Typical Industry Sectors:

Automotive, appliance, electronic and laboratory.

PERFORMANCE

Facestock: 50µ matt silver topcoated polyester offers excellent dimensional stability combined with good solvent, humidity, elevated temperature and UV resistance. Designed to accept conventional inks and thermal transfer printing with resin and wax/resin ribbons.

Adhesive: High performance permanent acrylic adhesive with excellent chemical, humidity and elevated temperature resistance. **Automotive approved**

Liner: 71gsm blue super-calendered glassine liner. The blue glassine liner offers contrast to the face material.

GENERAL CHARACTERISTICS

Properties	Typical Values	Unit of Measure	Test Method
Physical	Film Adhesive Liner	50µ +/- 10% 21µ +/- 10% 68µ +/- 10%	FTM 12
Peel Adhesion **Stainless Steel** **Glass**	Initial / 24 Hours 13.1 / 17.1 15.1 / 16.8	N/25mm @ 23℃, 50% RH	FTM 1
Shear Resistance	>500	Minutes @ 40℃	FTM 8
Dimensional Stability	Excellent	<1mm	FTM 14
Chemical Resistance	3.5 - Good	Grey scale 1= poor 5 = superior	AATCC 8
Min. Application Temperature	+4℃	Celsius	
Service Temperature Range	-40℃ to +149℃	Celsius	
Outdoor Durability	Two years	Vertical exposure	

UNDERWRITERS LABORATORY RECOGNITION

The representations of performance and suitability for use contained in this Data Sheet are meant only as a guide. Since only the user is aware of the specific conditions in which the product is to be, it is the user's responsibility to determine whether the product is suitable for that intended use. Copyright 1995.

RoHS2 Compliance: This product is in compliance with European parliament directive 2011/65/EU which restricts the use of certain hazardous substances in electrical and electronic equipment.