



K87100 Series Velvet Wrap

TECHNICAL AND PERFORMANCE INFORMATION

K87100

K87100 Series Velvet Wrap

Flexible velvet effect vinyl suitable for interior and exterior surfaces. The product has been developed for various wrapping applications and is conformable using typical wrapping techniques including localised heating of the material. The K87100 Series offers excellent cutting and weeding properties.

Product range available:

K87114 Light Grey	K87141 Orange	K87154 Burgundy	K87161 Navy Blue
K87121 Black	K87151 Bright Red	K87156 Pink	

CHARACTERISTIC	TEST METHOD	TYPICAL VALUE
Film Thickness without fibres	ISO 4591:1992	0.075 mm
Film Thickness with fibres	ISO 4591:1992	0.850 mm
Adhesive Thickness	ISO 4591:1992	25 mm
Adhesive Type		Clear Permanent Acrylic
Release Liner		120 g/m ² kraft
Storage		Two years out of direct sunlight at 23°C and 50% humidity
Tensile	ISO 527:1996	>20 N/mm ²
Elongation	ISO 527:1996	>50 %
Adhesion 20 Mins/90°	FINAT FTM2/Stainless Steel	300 N/m
Adhesion 20 Mins/180°	FINAT FTM1/Stainless Steel	400 N/m
Adhesion 24 Hrs/180°	FINAT FTM1/Stainless Steel	600 N/m
Gloss	Visual	Super matt
Flammability		Self-extinguishing
Artificial Weathering	Xenon Arc Weatherometer	>2000 hours, this equates to approximately 2 years outdoors Resistance of the fibres to solar exposure, certified to ISO 105 B04, ISO 105 B10
Application Temperature (dry method)	Clean, dry surface	+8°C to +25°C
Service Temperature		-20°C to +90°C (-4° to 194°F)
Care advice	Velvet wrap is to be kept in its original packaging or in a suspended situation. If not suspended the material may show pressure marks.	
Application	It is the responsibility of the applicator to ensure the paint system/substrate is suitable for the application of K87100 Velvet Wrap. KPMF do not accept any liability for paint failures incurred during the application or removal. We strongly recommend waiting 72 hours for the first wash after application to ensure the adhesion is optimal. The surface on which the film is applied must be dry and free of dust and grease. The use of jet washing equipment is suitable for cleaning velvet wrap material, of course where this is suitable.	

Although KPMF have good control of colour, it is advisable to avoid using different batches of material for the same end application.

KPMF films should not be applied to unsound surfaces or to surfaces which may subsequently crack, peel, outgas or are of low surface energy. It is recommended that any application surface should have an energy level in excess of 40 dyne/cm. (Polyolefins should be in excess of 45 dyne/cm). The above data shows typical properties and should not be taken as a guarantee for performance. Purchasers should determine the suitability of each product prior to its intended use. Prolonged exposure to high and low temperatures in the presence of chemicals such as solvents, acids etc. may eventually cause deterioration. Durability is based on middle European exposure conditions. Actual performance will depend on substrate preparation, exposure conditions and application of marking.

IMPORTANT

Kay Premium Marking Films are produced under stringent manufacturing conditions. The information and typical values shown are based upon research believed to be reliable and are provided without guarantee and do not constitute a warranty. The values are not for use in specifications. Ink and paint systems can affect the performance of film and also the adhesive properties, as can application techniques. Users are advised to ensure that performance and reliability are not compromised by determining the suitability of each product prior to its intended use.

WARRANTY

Kay Premium Marking Films are produced under careful quality control and are warranted to be fit for the purpose and free from defect in material and workmanship. Any material shown to be defective to our satisfaction at the point of sale shall be replaced free of charge. Kay Premium Marking Films Limited liability to the purchaser shall in no circumstances exceed the cost of the amount of the defective material supplied.

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TECHNICAL DATA SHEET
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Approved:
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