



K20209 Anti-graffiti Film

This high quality anti-graffiti over-laminating films has been specially developed for use in the digital imaging and other industries to permanently enhance and protect graphics and paintwork against vandalism.

The material has limited conformability but may be used on smooth, flat and contoured surfaces. It is recommended that individual testing is carried out before application to large areas.

These film is available as:-

K20209 Clear 50 Micron

CHARACTERISTIC	TEST METHOD	TYPICAL VALUE (K20209)
Film Type		Clear Tedlar ®
Film Thickness	ISO 4591:1992	50 Microns
Adhesive Type		Clear Permanent Cross-Linking Acrylic (25 Microns)
Release Liner		Single sided PE
Storage		Two years, out of direct sunlight at 23°C and 50% humidity
Tensile	ISO 527:1996	>60 N/mm ²
Elongation	ISO 527:1996	>40%
Adhesion 20 Mins/90°	FINAT FTM2/Stainless Steel	256 N/Metre
Adhesion 20 Mins/180°	FINAT FTM1/Stainless Steel	400 N/Metre
Adhesion 24 Hrs/180°	FINAT FTM1/Stainless Steel	550 N/Metre
Static Shear (25 x 25mm)		>24 Hours
Dimensional Stability (150 x 150mm/48 hours/70°C)	FTM14/Aluminium	<0,5mm
Gloss 60°	ASTM 523-89	65%
Flammability		Self Extinguishing
Artificial Weathering	QUV	>1000 Hours
Weathering	Vertical Exposure/Mid Europe	8-10 Years
Application Temperature	Clean, dry surface	+8°C to 25°C
Service Temperature		-40°C to 105°C
Application Speed		0.5 to 2.0 metres/minute

Graffiti Removal: Anti-Graffiti K20209 is resistant to a variety of cleaning fluids as well as many organic and inorganic solvents. It is advisable, however, to test a small area with the selected solvent before attempting to clean the entire area.

Tedlar ® is a registered Trade Mark of Dupont.

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.