

Technical data sheet

UV1801

Printable Cast PVC Vinyl

PRODUCT DESCRIPTION:

Soft cast PVC film
Color: White
Surface: High Glossy

APPLICATION:

For vehicle wrapping, trailer, box truck and outdoor signage

PRINTING METHOD:

Compatible with Solvent Ink, Eco-solvent, Latex, and UV Curable Inks

TECHNICAL DATA:

CHARACTERISTIC	TEST METHOD	AVERAGE VALUES
Film thickness	ISO 4591:1992	50 micron cast PVC film
Adhesive type		Solvent polyacrylate removable, Light Grey, Repositionable
Release paper		Embossed double PE coated liner, 160gsm
Dimensional stability	FINAT TM14	Adhered to steel, no shrinkage in cross direction, in length 1mm max.
Temperature resistance		Adhered to aluminum. -20℃ to +65℃, no variation
Adhesive power	FINAT TM1	After 24h, stainless steel $\geq$ 15N/25mm
Glossiness		$\geq$ 95° (at 60 degree)
Tensile strength along across	ASTM D882-02; 200MM/MIN	min.30MPa min.28MPa
Elongation at break along across	ASTM D882-02; 200MM/MIN	min 250% min 220%
Life Time		10 years
Storage		Out of direct sunlight at 23℃ and 50% humidity
Application temperature		Min.+10℃
Durability		Up to 5 years vertical application

Attention: After printing the ink must be thoroughly dry in order to avoid any affect on the later combination with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications customers should independently determine the suitability of this material for their specific purpose, prior to use.