MasterJet S 500+

Highlights

- Premium all-round film
- For long-term outdoor advertising measures
- With an excellent price-performance ratio

	Technical specifications
Material	Polymer-PVC film
Colour	White glossy Transparent glossy
Covering material	PE-coated silicone cardboard on both sides, 140 g/m²
Pressure sensitive adhesive	Solvent polyacrylate, repositionable, with permanent final adhesion, grey and transparent
Area of application	For highly brilliant and colour-intensive long-term outdoor advertising. Suitable for flat or slightly curved surfaces.
Thickness (without protective paper and adhesive)	0.075 mm (average value)
Dimensional stability (FINAT TM 14)	Bonded to glass, in transverse direction 0.2 mm, in longitudinal direction 0.2 mm
Operating temperature	-40 °C to +90 °C
Seawater resistance (DIN 50021)	No visible change (immersed 100 h/23 °C)
Solvent / chemical resistance	No visible changes - short-term immersion in water, alcohol, most oils, aliphatic solvents, weak acids, salts and alkalis.
Fire behaviour	Bonded to steel, self-extinguishing
Adhesive strength (FINAT TM 1, on glass, after 24H | 1 week)	16 N/25 mm | 18 N/25 mm (average value)
Tear strength (DIN EN ISO 527)	length min. 16 N/cm cross min. 16 N/cm
Elongation at break (DIN EN ISO 527)	lengthwise min. 150 % crosswise min. 150 %
Application temperature	At least +10 °C
Durability with professional processing (with vertical outdoor weathering - normal Central European climate)	Unprinted: 7 years
Printing process	Inkjet printing with solvent-based inks, UV or latex inks
Certificates	Fire behaviour in accordance with DIN EN 13501-1 classified as B-s1,d0 when bonded to non-combustible substrates.

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Processing instructions	After printing, ensure that the colours dry thoroughly so as not to impair the subsequent bond with the laminate. The substrate to be covered must be free of dust, grease or other contaminants that could impair the adhesive strength of the material. New coatings must be dry or fully cured. Application tests must be carried out with the intended paints to determine compatibility.
Laminate recommendation	MasterGuard Premium+ (LI-MGPP-*)
Shelf life (in original packaging, at 23 °C and 50 % relative humidity)	2 years
Characterisation according to REACH regulation	The product is an article according to Regulation (EC) No 1907/2006 Article 3 (REACH Regulation).
SVHC / REACH	Based on the supplier declarations available to us, we can confirm that this product does not contain any of the substances listed by the European Chemicals Agency (ECHA) as Substances of Very High Concern (SVHC) in a concentration of more than 0.1% by weight (https://echa.europa.eu/de/candidate-list-table, last updated on 24.01.2024). Furthermore, the product does not contain any substances listed in Annex XIV of the REACH Regulation (EC) No. 1907/2006.
RoHS	The maximum concentrations for the substances listed in Annex 2 of Directive 2011/65/EU ("RoHS 3", last amended by Directive (EU) 2021/1980) are complied with.
Dimensions	105 cm x 50 m (SFI-S500P-10TR105-50) 137 cm x 50 m (SFI-S500P-10TR137-50) 160 cm x 50 m (SFI-S500P-10TR160-50) 105 cm x 50 m (SFI-S500P-00R105-50) 137 cm x 50 m (SFI-S500P-00R137-50) 152 cm x 50 m (SFI-S500P-00R152-50) 105 cm x 50 m (SFI-S500P-10R105-50) 137 cm x 50 m (SFI-S500P-10R137-50) 160 cm x 50 m (SFI-S500P-10R160-50)