

MasterJet S 555+

Highlights

- For highly brilliant and colour-intensive advertising measures
- Simple and fast, bubble-free bonding
- For long-term outdoor use



		Technical specifications
Material		Polymer-PVC film with microchannels
Colour		White glossy
Covering material		PE-coated silicone cardboard on both sides, 140 g/m ²
Pressure sensitive adhesive		Solvent polyacrylate, repositionable, with permanent final adhesion, grey
Area of application		For highly brilliant and colour-intensive long-term outdoor advertising. The air channel structure enables quick and easy, bubble-free application, especially of large-format motifs. Air pockets can be easily smoothed out from under the film. 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.
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. 16N/cm cross min. 16 N/cm
Elongation at break (DIN EN ISO 527)		length min. 150 % cross min. 150 %
Application temperature		At least +10 °C
Durability with professional processing (with vertical outdoor weathering - normal Central European climate)		Unprinted: 7 years

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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.
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 impurities that could impair the adhesive strength of the material. New coatings must be dried or fully cured for at least three weeks. Application tests must be carried out with the intended paints to determine compatibility. Not suitable for wet bonding.
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 in the list of Substances of Very High Concern (SVHC) published by the European Chemicals Agency (ECHA) in a concentration of more than 0.1% by weight (https://echa.europa.eu/de/candidate-list-table , last updated on 24 January 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) 2015/863) are complied with.
Dimensions	105 cm x 50 m (SFI-S555P-10GR105-50) 137 cm x 50 m (SFI-S555P-10GR137-50) 152 cm x 50 m (SFI-S555P-10GR152-50)

This information corresponds to the current state of our knowledge and is intended to provide non-binding information about the products and their possible applications. A legally binding assurance of certain properties cannot be derived from our information. All information without guarantee. Status 05|2024