

MasterGuard Premium+ G / SG / M

Highlights

- Very good suitability for medium-term outdoor applications
- Ideal for use on polymer-PVC films
- Highly effective UV protection



	Technical specifications
Material	Polymer-PVC film with a glossy, matt or semi-gloss surface and highly effective UV protection.
Colour	Transparent, in 3 gloss levels
Covering material	Silicone paper, white, 85 g/m ²
Pressure sensitive adhesive	Solvent polyacrylate, permanently adhesive
Area of application	For the protection of digitally printed large image formats in indoor and outdoor applications. Suitable for laminating a wide range of prints printed with eco-solvent, solvent, latex and UV inks.
Thickness (without protective paper and adhesive)	0.075 mm
Adhesive strength (FINAT TM 1, on glass, 24h)	18 N/25 mm (average value)
Tear strength (DIN EN ISO 527)	lengthwise min. 20 N/cm crosswise min. 20 N/cm
Elongation at break (DIN EN ISO 527)	lengthwise min. 150 % crosswise min. 150 %
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.
Application temperature	At least +10 °C
Durability with professional processing (with vertical outdoor weathering, normal Central European climate)	5 years
Certificates	Fire behaviour in accordance with DIN EN 13501-1 classified as B-s1,d0 when bonded to non-combustible substrates.
Processing instructions	Given the large number of print images to be protected and the different printing methods used to produce them, it is essential for the processor to convince himself of the suitability of the "MasterGuard Premium+" protective laminates on the specific print image.
Shelf life (in original packaging, at 23 °C and 50 % relative humidity)	2 years

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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 2, last amended by Directive 2019/178/EU, including "RoHS 3") are complied with.
Dimensions	105 cm x 50 m (LI-MGPP-...R105-50) 137 cm x 50 m (LI-MGPP-...R137-50) 160 cm x 50 m (LI-MGPP-...R160-50)

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