

# 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
<b>Material</b>	Polymer-PVC film with a glossy, matt or semi-gloss surface and highly effective UV protection.
<b>Colour</b>	Transparent, in 3 gloss levels
<b>Covering material</b>	Silicone paper, white, 85 g/m <sup>2</sup>
<b>Pressure sensitive adhesive</b>	Solvent polyacrylate, permanently adhesive
<b>Area of application</b>	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.
<b>Thickness (without protective paper and adhesive)</b>	0.075 mm
<b>Adhesive strength (FINAT TM 1, on glass, 24h)</b>	18 N/25 mm (average value)
<b>Tear strength (DIN EN ISO 527)</b>	lengthwise min. 20 N/cm crosswise min. 20 N/cm
<b>Elongation at break (DIN EN ISO 527)</b>	lengthwise min. 150 % crosswise min. 150 %
<b>Operating temperature</b>	-40°C to +90°C
<b>Seawater resistance (DIN 50021)</b>	No visible change (immersed 100 h/23 °C)
<b>Solvent / chemical resistance</b>	No visible changes - short-term immersion in water, alcohol, most oils, aliphatic solvents, weak acids, salts and alkalis.
<b>Application temperature</b>	At least +10 °C
<b>Durability with professional processing (with vertical outdoor weathering, normal Central European climate)</b>	5 years
<b>Certificates</b>	Fire behaviour in accordance with DIN EN 13501-1 classified as B-s1,d0 when bonded to non-combustible substrates.
<b>Processing instructions</b>	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.
<b>Shelf life (in original packaging, at 23 °C and 50 % relative humidity)</b>	2 years

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<b>Characterisation according to REACH regulation</b>	The product is an article according to Regulation (EC) No 1907/2006 Article 3 (REACH Regulation)
<b>SVHC / REACH</b>	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 ( <a href="https://echa.europa.eu/de/candidate-list-table">https://echa.europa.eu/de/candidate-list-table</a> , 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.
<b>RoHS</b>	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.
<b>Dimensions</b>	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