

TriSolv Premium Paper white back 200, indoor and outdoor glossy 3686

product data

Description

TriSolv Premium Paper white back 200 is a highly opaque barrier-coated white paper, which has been specially developed for printing with solvent inks and is geared towards customers who prefer a firmer haptic quality and applications which require an even greater opacity of the paper. Thanks to its excellent edge definition, color brilliance and color saturation, as well as its high gloss level, it is able to fulfill the highest of requirements.

TriSolv Premium Paper has been designed for use as high-quality posters, large-format billboards, advertising panels and signs. It is suitable for both indoor and – thanks to its high weather- and water resistance – outdoor use. As a result, it is no longer necessary to change the rolls during the production process in order to cater for the various application needs.

Sihl Zürich AG exclusively uses elemental chlorine free pulp (ECF) for the production of this paper.

Applications

Photo-realistic Presentation print-outs, Indoor Posters
Vibrant photo-realistic Image Reproduction
Indoor Signs
Indoor short-term Promotions
Outdoor signage
Billboard, Advertising
City light posters

List of Printers

Printer	Ink	Quality
Roland SolJet SJ540 / SC540 SJ 740 / SC740	Eco Solvent ink	Fair
Roland SC-500 Permasol S	Solvent ink	Good
Mimaki JV-3 160S	Solvent ink	Excellent
Mutoh Toucan	Solvent ink	Excellent
Mutoh Rockhopper II 50", 64", 87"	Eco Solvent ink	Fair
Océ Display Graphics Systems / Rastergraphics Arizona 90 / 180	Solvent ink	Good
Océ Display Graphics Systems / Rastergraphics Arizona 500	Solvent ink	Excellent

Advantages

- Excellent colour brilliance, attractive glossy finish
- high ink limit/high colour saturation and excellent edge definition.
- High mechanical stability, including in a high humidity environment.
- Excellent wet strength.
- Universal use for printers with higher or lower print resolution.
- Can be folded by hand or machine without rupturing.
- Extremely easy to billpost.

Physical Properties

Total weight	200 g/m ²	ISO 536
Thickness	228 µm (9 mil)	ISO 534
Gloss level (80°)	54 %	DIN 67530
Opacity	96 %	DIN 53146
Whiteness	95 %	DIN 53145-2
Roughness (Ra)	0.60 µm	Perthometer
Absolute humidity	5.5 %	

Conditions of Use and Stocking

Technical Information

- The ink limit, i.e. the maximum amount of ink, should be adjusted depending on the printer, ink, RIP software and paper used. This limitation of the amount of ink shortens the drying time and consequently accelerates the production process.
- The temperature for preheating or drying the media should not exceed 40 °C (104 °F), as overheating can impair the flatness of the paper.
- Paper will stand up to 3 days sucking in clear water. The user is responsible for ensuring that the appropriate microbiological precautions are implemented.
- Once mounted on a billboard hoarding, an unlaminated paper will last for 3 months.
- In the event that the paper is exposed to severe climatic conditions, or if it needs to be used for a longer period of time, lamination is recommended. It is advisable to protect the edges and corners if the billboard hoarding is regularly cleaned.
- The application features are pending confirmation by the Swiss billboard association, Allgemeine Plakatiergesellschaft APG.
- To maintain the high quality of the paper, it should be stored and converted in a climate of 30 – 65 % relative humidity and at a temperature of 10 – 30 °C (50 – 86 °F).

Data mentioned in this product data sheet represents a guideline. Before using our print media please make sure that suitability is secured for your printer. We cannot take liability for any damages which result from changes in printing inks and/or printers. Sihl shall not be liable for changes in product design because of new technical developments and may occur without notification. DI-GMS-M 23.03.2004

The logo for Sihl, featuring the word "Sihl" in a stylized font. The "Si" is green and the "hl" is blue.