

Data sheet

Rauch PLC-BannerPRO

Tensile strength and weatherproof vinyl plane

Product description:

Bright white "stoplight" vinyl cover, tear and weather resistant, printable with pigmented ink for outdoor advertising, easy handling, very high UV resistance, dense and brilliant color reproduction, can be sewed and pierced.

Specific feature:

PLC BannerPRO consists of a tear-resistant polyester fabric, which is embedded between two white Vinyl layers. Water resistance, good color brilliance and edge definition with pigmented inks. so it can be used for indoor and outdoor advertising. Printability is excellent also with dye inks. PLC-BannerPRO is opaque (Blockout), water-resistant. Real time weathering test: okay after 4 months unprotected. It can be welded on the back side by thermic and inductive high frequency welding. As doublesided Tape, we recommend the Avery 222 Fasttape, 4mil. Temperature resistance short term: -15° C to +60° C.

Processing:

For optimum printing results, PLC-BannerPLUS must be calibrated beforehand on the used printers and with the appropriate ink. For best handability, inksettings of about 240% are recommended and/or low ink density linearisation. High ink limits have a negative impact on water resistance and weather proofing. To achive the full water-resistance, the ink has to be completely dry. We recommend to let the prints dry for min. 12 hours before exposing to wetness.

Technical specification:

Material:	FOLIE
Application Area:	VOLL AUSSENBEREICHTAUGLICH
Surface:	MATT
Specific gravity:	480,00g/m ²
Thickness:	380,00µm
B1-cert.:	ja
Cold lamination:	nein
can be sewn:	ja
can be eyeletted:	ja
can be streched:	ja
water resistant:	ja
scratch resistant:	ja
Opacity:	>99 % (ISO 2471)
ph-value:	5,5 (DIN 53124)
Weiße (CIE, D65/2°):	109 %
Temperaturbeständigkeit:	-15°C - +60°C
Zugfestigkeit (300mm/min):	> 1000 N (ISO 527-1)
Weiterreißfestigkeit quer:	> 60 N (DIN 53383)
DIN ISO 16245	Nein

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