

Sign Inkjet L 9100



Technical Data Sheet

Issue date : 12 May 2003

Description

JAC Sign Inkjet L 9100 is an ultra clear vinyl cast film with a gloss finish and coated with a permanent adhesive. It is a high performance film for overlaminating and protecting images, which are digitally printed on vinyl films.

Adhesive

Permanent solvent based acrylic adhesive.

Backing

130 gsm Kraft paper, siliconized, bleached, and with JAC logo and grid marks.

Application/printing

Due to its superb conformability and durability, JAC Sign Inkjet L 9100 is especially suitable for long term outdoor applications on flat, convex, concave, embossed or riveted surfaces such as: vehicle graphics, public transport, exterior signs, POS graphics, exhibits and displays.

Using JAC Sign Inkjet L 9100 will enhance colours and extend durability up to 5 years. It protects printed graphics against UV and mechanical damage. Actual durability depends on inks used, material printed on, overlaminating process, and exposure conditions.

Please note that overlaminating will influence conformability. In the case of strongly corrugated surfaces, use varnish instead of an overlaminate.

Please ensure the printed media is perfectly dry prior to lamination.

Guidelines for Use

Check our website, www.jacgraphics.com for more information and following guidelines for use:

□ Combining JAC digital print media and overlaminates : JAC Guidelines for Use 3.2

Technical Data:

Property	Test method	Result
Thickness film only	ISO 534	50 micron
Thickness film + adhesive	ISO 534	80 micron
Durability	Vertical exposure central European climate ¹⁾	7 years
Adhesion	FTM 1, 20 min. on stainless steel, 180°	13 N/25 mm.
	FTM 1, 24 h. on stainless steel, 180°	18 N/25 mm.
Dimensional stability	DIN 30646	0.2 mm. max
Lamination roller temperature		+ 20°C to +35°C
Temperature resistance (24 h.. after application)		- 40°C to +85°C
Shelf life	22°C at 50% RH	2 years
Chemical resistance		Resistant to most oils, fats, fuels, aliphatic solvents, weak acids, salts and alkalis.
Gloss	ISO 2813, 20°	70%

Important remarks

This issue loses its validity immediately any subsequent issue is printed.

The technical data given above are based on existing findings and empirical values. It is the user's own responsibility to check prior to use, whether the product is in fact suitable for the intended application.

Our currently valid General Conditions of Sale governs all matters relating to our guarantee and liability in respect to the above product. This information is subject to technical changes and improvements without prior notice.

1) refers to adhesion, UV and heat resistance and the shrink characteristics of the material in its applied state, whereby exposure is vertical and based on Central European climate conditions. Actual durability will depend on application, real exposure conditions and maintenance of the signage material. Check our JAC Guidelines for Use 1.5 for more details on durability in other climates.

