

Technical Data Sheet

Issue date : 12 May 2003

Description

JAC Sign Inkjet S 9110 is a premium white vinyl cast film with a gloss finish and a permanent adhesive, which is grey and repositionable. It is a high performance film with excellent conformability features for long term outdoor use.

JAC Sign Inkjet S 9110 is specially developed to be printed on wide format inkjet printers using solvent ink.

Adhesive

Permanent solvent based acrylic adhesive, which is grey and repositionable. This adhesive meets high demands on self-adhesive films for outdoor application.

Backing

140 gsm Kraft paper, siliconized, bleached, and PE-coated on two sides.

Application/printing

JAC Sign Inkjet S 9110 is specially developed to be printed on a broad range of wide format inkjet printers using solvent ink. Due to its superb conformability and durability, this film is especially suitable for long term outdoor applications on flat, convex, concave, embossed or riveted surfaces such as: vehicle graphics, public transport, exterior/interior signs, POS graphics, exhibits, displays and window graphics.

Using overlaminates from our JAC Sign Inkjet L-series will enhance colours and protect printed graphics against UV and mechanical damage. Please note that overlaminating will influence conformability. In the case of strongly corrugated surfaces, use varnish instead of an overlaminant. Please ensure the printed media is perfectly dry prior to lamination or further application.

Guidelines for Use

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

- Printer compatibility of Sign Inkjet media : JAC Guidelines for Use 3.1
- Combining JAC digital print media and overlaminates : JAC Guidelines for Use 3.2

Technical Data non-printed film:

Property	Test method	Result
Thickness film only	ISO 534	50 micron
Thickness film + adhesive	ISO 534	80 micron
Durability non-printed	Vertical exposure central European climate ¹⁾	7 years
Adhesion	FTM 1, 20 min. on stainless steel, 180° FTM 1, 24 h. on stainless steel, 180°	13 N/25 mm. 18 N/25 mm.
Dimensional stability	DIN 30646	0.25 mm. max
Application temperature		+10°C to +30°C
Temperature resistance (24 h.. after application)		- 40°C to +75°C
Elongation at break	DIN 53455	> 100 %
Shelf life	22°C at 50% RH	1 year
Flammability		Self-extinguishing

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.