



TECHNICAL DATA SHEET - DIGITAL PRINTING - PVC (PERMANENT ADHESIVE)

V400IWGI

Film consisting of an 80-µm, monomeric, calendered PVC, which is coated with a pressure-sensitive, acrylic adhesive. Intended for standard solvent, eco-solvent and latex inkjet printing. Gloss surface finish.

FILM FEATURES:

Average values

- Thickness (µm): 80

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent	Latex
V400IWGI	✓	✓	✓

LINER:

- Silicone-coated PE paper of 120 g/m² with light red HEXIS imprint
- Stable under hygrometric variations

ADHESIVE FEATURES:

(Average values measured at data sheet editing time)

Average values

Standard

- 180° peel strength test on glass (N/25 mm):
after 24 hours of application 12
- Solvent resistance: the adhesive is resistant to most chemical agents (alcohol, diluted acids and oils).

ADHESIVE:

- Colourless, acrylic adhesive
- Immediate and permanent adhesion

USER'S INSTRUCTIONS:

- Touch-dry at the latest 10 minutes following application depending on the printer used.
- For any laminating and further processing, the optimum drying time of the inks is 24 hours minimum.
- Recommended minimum application temperature: +10 °C (50 °F)
- Operating temperature range (outdoors): from -20 °C to +65 °C (from -4 °F to +149 °F)
- Very good adhesion to glass, steel, aluminium, PVC, melamine... except grained substrates or substrates covered by acrylic paints.
- In the case of already painted substrates, self-adhesive media must only be applied onto undamaged original paintwork. If the paintwork is not the original and/or is damaged, the application and the removal are at the installer's own judgement and own risk.

RECOMMENDATIONS:

- The print aspect can be modified/improved/protected by applying the V700 or V650 laminate to provide only mechanical protection.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 1 year if it is stored at a temperature ranging from 15 °C to 25 °C (from 59 °F to 77 °F), with relative humidity of 50 %, in its original packaging, in an upright position, in a dust-free environment.

DURABILITY:

- Vertical outdoor exposure; unprinted: up to 2 years

NOTES:

Because of the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. The measuring methods for the standards quoted above served as basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use.

All information released originates from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for indirectly related damages beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at www.hexis-graphics.com.