



TECHNICAL DATA SHEET – DIGITAL PRINTING – PVC VINYL

HX3400WG

DESCRIPTION:

Film consisting of an 100µm white gloss cadmium free monomeric PVC which has been coated with a permanent grey dispersion acrylic based pressure sensitive embossed adhesive to allow easy air egress. Suitable for standard solvent, eco-solvent, latex and UV-curable inkjet printing. Can also be screen printed. Gloss surface finish. Especially developed for indoor and outdoor advertising panels for application without air bubbles.

FILM FEATURES:

	<u>Average values</u>	<u>Standard</u>
Thickness (µm):	100	ISO 2286-3
Tensile strength (md):	>32 MPa	ISO 527-3/2/200
Elongation at break (%)	>180%	ISO 527-3/2/200
Dimensional stability (mm):	<0.2	Finat FTM 14

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-Solvent	Latex	UV-Curable
HX3400WG	✓	✓	✓	✓

LINER:

Smooth, two-sided PE coated PCK paper with one side silicone-coated release liner of 140gr/m² with no back print.

ADHESIVE FEATURES:

	<u>Average values</u>	<u>Standard</u>
Initial	6.5 N/cm	Finat FTM 9
After 20 min.	13.7N/cm	Finat FTM 1
After 24 hours of application on stainless steel	21.4 N/cm	Finat FTM 1
Solvent resistance: the adhesive is resistant to most chemical agents (alcohol, diluted acids and oils).		

ADHESIVE:

Grey, permanent embossed dispersion aqueous-based, acrylic adhesive, highly resistant to UV and moisture.

USER INSTRUCTIONS:

Touch-dry at the latest 10 minutes following application depending on printer/ink combination used
Minimum application temperature recommended: +10°C.
Service temperature range: -15°C to +60°C.
Can be applied using wet or dry application method.
This product has been developed and is suitable for indoor and outdoor advertising panels and display applications.
Flammability when adhered to aluminium, steel or glass, this product is self-extinguishing.

RECOMMENDATIONS:

Before laminating and any further processing, the optimum drying time of any ink is 48 hours, especially for dark colours.
The recommended laminate is V600 Series.

STORAGE:

Shelf life (before application):
The shelf life of this film is 2 years if it is stored unopened in its original packaging at a temperature ranging from 20°C to 22°C, with relative humidity at 50%. This product must be stored vertically.

DURABILITY:

Vertical outdoor exposure: unprinted: 2 years
Vertical indoor exposure: unprinted 5 years

ROLL INFORMATION:

Roll dimensions and net weight.
1370mm x 5m 2kg
1370mm x 50m 19kg
1600mm x 50m 22kg

NOTE

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