



TECHNICAL DATA SHEET – DIGITAL PRINTING – PVC VINYL

HX2400WG

DESCRIPTION:

Film consisting of white gloss 80µm cadmium free high performance premium polymeric PVC which has been coated with a grey structured permanent acrylic based pressure sensitive adhesive. This self-adhesive PVC film is suitable for mid-term outdoor and long term indoor use. The special liner that creates the structured adhesive allows for faster and easier application on chosen surfaces. Special production technology enables fast printing. The most important attributes are vivid colour reproduction, excellent ink absorption and fast drying time.

FILM FEATURES:

	<u>Average values</u>	<u>Standard</u>
Thickness (µm):	80	ISO 2286-3
Total thickness (PVC+glue+liner)	208	ISO 2286-3
Tensile stress at break – Along	32MPa	ISO 527-3/2/200
Tensile stress at break – Across	28MPa	ISO 527-3/2/200
Tensile strain at break – Along	180%	ISO 527-3/2/200
Tensile strain at break – Across	200%	ISO 527-3/2/200

The film does not contain any phthalates or heavy metals.

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-Solvent	Latex	UV-Curable
HX2400WG	✓	✓	✓	✓

LINER:

140gr/m² Double sided PE coated paper structured silicone release liner.

ADHESIVE:

Grey, structured permanent aqueous-based, acrylic adhesive.

180° peel strength test (N/25mm ²):	<u>Average values</u>	<u>Standard</u>
Initial	6.5N / 25mm ²	FINAT9
After 20 mins	13.7N / 25mm ²	FINAT1
After 24 hours	21.4N / 25mm ²	FINAT1

Solvent resistance: In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acid, alkalis and salts.

USER INSTRUCTIONS:

Touch-dry at the latest 10 minutes following application depending on printer/ink combination used.

Minimum application temperature recommended: +10°C to +35°C. Service temperature range: -15°C to +60°C.

The film must be applied using dry application method. This technology means you can easily reposition the film on the substrate during application.

Recommended lamination film is V7400B/M.

Flammability adhered to aluminium, glass or steel is self-extinguishing.

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 20°C, with relative humidity between 50-60%. This product must be stored vertical.

DURABILITY:

Central European Climate (based on Vertical Surface Exposure)

Unprinted up to 5 years (depending on application).

ROLL INFORMATION:

Roll dimensions and net weight.	1370mm x 5m	5kg
	1370mm x 50m	25kg

NOTE

This product is not manufactured by HEXIS S.A. (France). It has been manufactured and supplied to HEXIS UK Ltd under the request and specifications supplied by HEXIS UK Ltd to the relevant chosen supplier.. The above data is given in good faith to provide an indication of the performance of the product to the potential purchaser. The purchaser should carefully consider the suitability of each product for its intended target use and the purchaser should further assume all risks in connection with any such use. HEXIS UK Ltd shall not be liable for damages in excess of the purchase price of the product nor for incidental nor consequential loss.