TECHNICAL INFORMATION

YL100P1-GW
GLOSS WHITE PVC100/PE01/CCK135

PHYSICAL CHARACTERISTICS

Designed for short-medium brilliant and colourful large format printing applications
By specialist application, suitable for outdoor exposure, under normal climate of South East Asia

Facestock

A glossy white monomeric calendared soft PVC film with excellent resistance to moisture, good conformability and can be Inkjet printed with solvent/eco-solvent inks, UV- or latex inks.

Caliper	ISO 534	: 100 µm
Dimensional stability	ASTM D1204-02	: shrinkage <3.5% (MD)

Adhesive

A polyacrylate transparent permanent adhesive with excellent aging resistance

Liner

Clay coated kraft paper liner in 135gsm weight. The liner ensures an excellent water vapour barrier for good dimensional stability and lay-flat behavior especially for large format printing application.

Basis weight	ISO 536	: 135 gsm
Caliper	ISO 534	: 125 µm

PERFORMANCE CHARACTERISTICS

Properties	Test Method	Typical values
Initial Tack on Glass	FINAT FTM9	3.0 N/25mm
Adhesion to Stainless Steel	FINAT FTM2	7.4 N/25mm (24 hrs)
Total Product Caliper	ISO 534	260 µm
Tensile strength	ASTM D882-02	MD: >19 MPa; CD: >19 MPa
Elongation at break	ASTM D882-02	MD: >130%; CD: >150%
Fire behavior	EN13501-1	Adhered to stainless steel, self-extinguishing
Min. application temperature	+5^{o}C	
Functional service temperature	-10^{o}C / +65^{o}C	
Shelf life	1 year when stored at 22^{o}C and 50% relative humidity in original packaging.	

Note

After printing, the ink must be allowed to thoroughly dry, in order to avoid any issues when later combined with the laminate. Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any contamination which could affect the adhesion of the material. Freshly lacquered or painted surfaces should be allowed to dry for at least three weeks and to completely cure. The compatibility of the selected lacquers and paints should be tested by the user, prior to the application of the material.

Code: Y02082018
Rev01