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Technical data sheet

DigiGuard SU3-70

Semi-matt laminating PVC film for UV prints.

PRODUCT DESCRIPTION:

A semi-matt 3 year outdoor life laminating film for the protection of UV prints. Product features a solvent based pressure sensitive adhesive backed with an 80gsm single side PE coated Kraft liner.

TYPICAL USES

Suitable for both indoor and outdoor use. Specially engineered for the protection of UV inkjet prints, however can also be used on solvent, eco solvent, aqueous and latex inks. Semi matt surface gives a low reflectance satin finish to the print.

SHELF LIFE

2 years when stored in original packaging at 10 to 30°C and 30 - 65% RH.

PHYSICAL PROPERTIES (Average Values)

Tests made at 23°C and 50%RH unless otherwise stated.

Film Thickness - 80 ± 5 microns

Liner - 80gsm single side PE

Adhesive - 40 ± 2gsm

UV Block (UVa) - ≥ 70%

Peel Values - 180° peel to S/S
20min: 14 - 16 N/25mm
24h: 15 - 17 N/25mm

Flammability - Product is based on PVC, which is self extinguishing, however the material is not fire retardant and will not impart fire resistance.

APPLICATION DATA

Product can be used indoor and outdoor. To ensure good bond strength, product must be applied to dry, clean, grease free surfaces. Once laminated, it is recommended to leave the job for at least 4 hours to allow the adhesive to cure before trimming or rolling. The use of a laminator is recommended for applying this product to avoid any undue stress or stretching on the laminate.

If the product is being applied over inkjet prints, it is essential to leave the print to thoroughly dry before applying the laminate. As a wide variety of substrates and ink combinations can be laminated, it is recommended that a test is carried out to determine the print is dry enough for lamination. As a general rule, a minimum of 4 hours is recommended at normal room conditions of 23°C and 50%RH, at lower application temperatures this time may need to be extended.

The product can be used to laminate graphics on simple flat surfaces; however it is not suitable as a wrap product, where heavy contours or panel shapes are to be covered.