Product Data Sheet March 2024

DigiGUARD AGU-30

50μ gloss clear PP anti-graffiti 1-year laminate for UV.

Product description

A 50µ clear polypropylene anti-graffiti film; with a clear, permanent solvent acrylic adhesive and a kraft PE coated release liner.

Typical uses

Suitable for indoor use and also outdoor use for up to 1 year. For the protection of signs from graffiti damage. Designed for laminating UV prints but can be used as well for protecting Latex, Solvent and Eco-Solvent prints. Product is resistant to most cleaning solvents.

It is suitable for flat sided applications onto printed material and is not suitable for protecting vinyl cut lettering. Product can also be used as a low cost dry wipe laminate, but repeated wiping may result in ink stains.

Shelf life

2 years when stored at 15°C to 25°C and 50% RH.

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Physical properties (Average Values)

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

Film thickness: 50 microns
Liner weight: 80gsm
UV Block: 20%

Adhesive data: 20min/180°: 8 – 10 N/25mm

24hr/180°: 14 - 16 N/25mm (direct to S/S)

Temperature ranges: Min. Application Range: plus 5°C

Service Range: minus 25° to plus 80°C

Chem Resistance: Resistant to most common cleaning fluids. It is advisable to test a small area with your

selected solvent before cleaning the whole area.

Application Data

Due to its construction product is designed for flat, digitally printed graphics only, not for a mixture of digitally printed images and plotter cut graphics.

Product can be used indoor and short term 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.

For best results the film should be applied dry using a laminator, without heat. If applied wet, product must be squeegeed well, to remove moisture. Use sparing amounts of a recognised application fluid such as RAPIDTAC.

All technical information is based on manufacturer's claims and is believed to be true at time of print but does not constitute a warranty. Due to the complexity of end use the purchaser should carefully consider the fitness and performance of the product for their own application or use. We reserve the right to make changes to specifications without prior notice.

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