

SIGMAGraF UVJet



Decorative Surface Protection Films

Hardcoated polyester

Transform your surfaces with SIGMAGraF UVJet, a range of extremely durable, hardcoated and stabilised polyester films. These films provide excellent resistance to harsh cleaning chemicals, solvents, impacts and abrasions. The range has been specifically developed for protective covering and decorative branding in Retail, Industrial, Exhibition & Commercial sectors for counters, walls, columns, washrooms, frieze boards, appliances and equipment.

SIGMAGraF UVJet films are supplied with a subsurface primer for UV curable and Latex digital printing and are easily laminated to self-adhesive backing substrates, such as SIGMAGraF HT Adhesive, for application to flat and curved non-porous surfaces.

Performance Characteristics:

Extremely durable and easy to clean

Excellent brand image protection

Accurate colour and image reproduction for outstanding graphics with green credentials

Designer choice and customer differentiation



Abrasion, chemical and impact resistant

Subsurface printing

Optically clear and stabilised polyester film

Selection of surface finishes

SIGMAGraF UVJet film range

Available Surface Finishes:

SIGMAGraF UVJet TM	SIGMAGraF UVJet AG ²	SIGMAGraF UVJet HG	SIGMAGraF UVJet AM	SIGMAGraF UVJet ST	SIGMAGraF UVJet OD
Microfine, Textured Matt	Antiglare, Anti-graffiti	High Gloss	Antimicrobial	Soft Touch	Outdoor

Roll Size: 1230 mm x 50 m

Surface Finish Range Overview:

SIGMAGraF UVJet TM Surface finish: Microfine, Textured Matt

Transparent, low profile, matt texture surface for accurate and repeatable colour reproduction with ease of cleaning and anti-slip properties. Impact, scratch and chemical resistant SIGMAGraF UVJet TM; the most popular and versatile surface finish of the UVJet film range.

SIGMAGraF UVJet AG² Surface Finish: Antiglare, Anti-graffiti

Smooth and controlled antiglare finish giving impact, scratch and glare surface protection to display panels and monitors, or adding a protective lustre to exhibition graphics. SIGMAGraF UVJet AG² has built-in anti-graffiti surface properties allowing quick and effective removal of marks and stains using industrial cleaning solutions without surface damage.

SIGMAGraF UVJet HG Surface Finish: High Gloss

High gloss and ultra clear surface protection film in-vogue with furniture manufacturers and cosmetic brands. Impact, abrasion and cleaning chemical resistant giving anti-graffiti protection without surface deterioration.

SIGMAGraF UVJet AM Surface Finish: Antimicrobial, Textured Matt

With Microban® antimicrobial technology permanently embedded in the micro-fine textured film surface, SIGMAGraF UVJet AM provides constant surface protection from bacterial contamination and the build-up of mould and mildew in moist areas. Suitable for hygiene-critical and high-contact areas that need added protection from bacterial transfer. Impact, scratch and chemical resistant with anti-slip characteristics.

SIGMAGraF UVJet ST Surface Finish: Soft Touch

A distinctly different type of haptic film surface. SIGMAGraF UVJet ST projects a soft, silky, skin-like sensory feel when touched which cleverly conceals the film's true durability and anti-slip capabilities. These exciting haptic features offer great new design possibilities, brand differentiation and instant haptic feedback.

SIGMAGraF UVJet OD Surface Finish: For Outdoor Use

Weatherable, textured matt surface gives outstanding resistance to UV light, moisture and wide temperature variation. Protects against surface and ink degradation associated with UV light exposure as well as guarding against impact, abrasion and chemicals.

SIGMAGraF HT Adhesive

A high performance, white, double-sided, pressure sensitive adhesive system compatible with the SIGMAGraF UVJet film range and suitable for adhesion to most smooth and curved non-porous surfaces.

Performance Characteristics:

- Thick adhesive coating for good adhesion to UV curing and Latex digital inks
- Bright white with no yellowing – no need for additional white flood
- High resistance to temperature and humidity
- Dimensional stability provided by the PET carrier film
- Easy to process, install and remove with no residue

Ink and printer type are important for assessing SIGMAGraF film suitability

Digital Printer and Ink Compatibility		
Ink Type	Do we have a suitable film?	Product Name
UV curable	Yes	SIGMAGraF UVJet – subsurface print film
Latex ink jet	Yes	SIGMAGraF UVJet – subsurface print film
Full solvent / Eco / Mild solvent	Yes	See SIGMAGraF Shield brochure for adhesive coated Industrial lamination films
Aqueous dye and UV pigment	Yes	See SIGMAGraF Shield brochure for adhesive coated Industrial lamination films

UV curing “flexible” digital inks give better adhesion to SIGMAGraF UVJet films than “hard” ink types which are designed for rigid substrates.

For further information please contact salesupport@macdermidautotype.com

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