

The Screen-Print-Champions

Perfect daylight media for high-end screen-print production
Exclusively optimized for Filmgate technology from ColorGATE

CG Screenfilm Water-based – the market leader

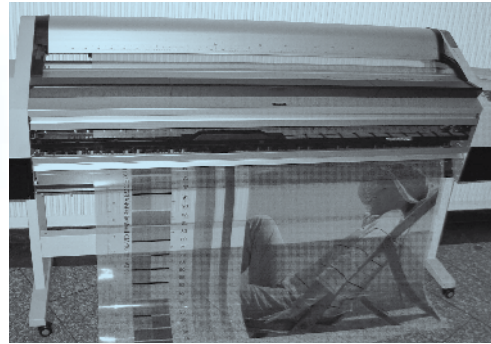
- ▶ Specially developed for water-based inkjet inks
- ▶ Perfectly matched to EPSON K3 inks and dye inks
- ▶ Compatible with the standard inkjet printers of almost all manufacturers
- ▶ In combination with Filmgate technology from ColorGATE and linearizations from 20 lpi to 122 lpi, the best high-quality complete solution currently on the market

CG Screenfilm Solvent – the innovation on the market

- ▶ Specially developed for solvent-based inkjet inks
- ▶ Compatible with standard eco-solvent printers and inks
- ▶ High heat resistance
- ▶ Unique solution for screen, flexo and pad printing for raster widths up to 65 lpi with eco-solvent printers

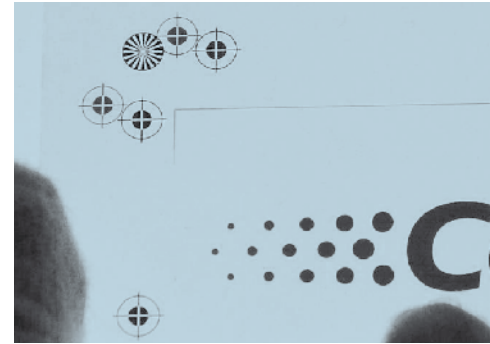


High-end screen print production on standard inkjet printers – with CG Screenfilm and



Get more from your inkjet printer

So simple and such a time saver: CG Screenfilm is directly compatible with almost all inkjet systems and can be easily printed using standard inkjet inks. Without any further production steps – and without the use of chemicals, of course – the film is ready to be exposed immediately after it has dried.



A perfect fit

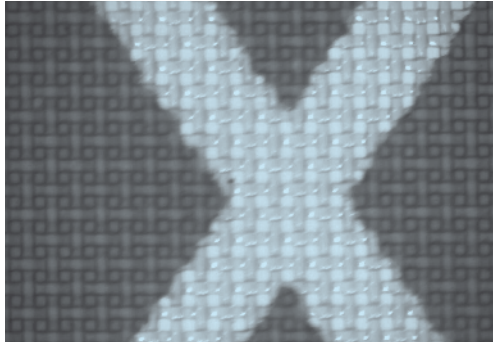
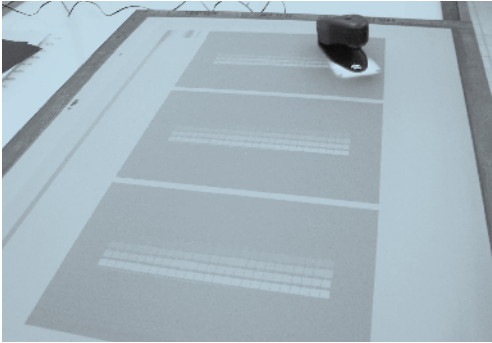
No slippage – thanks to its outstanding material properties, CG Screenfilm is perfectly suited to being processed on your inkjet printer. Exact media feed and anti-static back coating for exact-length film production – the best prerequisites for perfect printing registration.



As tough as they come

CG Screenfilm is also designed to accommodate the tough demands of everyday screen printing. The printed material dries incredibly quickly and is scratch-resistant, water-resistant and extremely hard-wearing with great dimension stability.

ColorGATE RIP software



Perfect further processing

CG Screenfilm is also able to handle large quantities of ink with no problem at all. The specially developed coating provides for excellent UV densities between 3.5 and 4.5. In addition, CG Screenfilm is impressive with its outstanding vacuum behavior and perfect compatibility with all the popular screen-print coatings. The results: even ink laydown, highly detailed resolution, excellent accutance and precise flatness – even for photoengraving for pad printing.

Sharp at all the edges

Perfect exposure of the printed image to the screen – sharp-edged screen dots and edges: CG Screenfilm provides for consistently high film quality in every batch – which leads to consistently high printing quality and reproducibility.

CG Screenfilm Water-based

Geared to a high-quality workflow

CG Screenfilm Water-based has been impressing customers for years with its exceptional quality. Perfectly geared to a smooth digital workflow with all compatible inkjet printers, specially developed for water-based inkjet inks and optimized for EPSON K3 ink as well as dye ink. In combination with RIP software solutions from ColorGATE and various linearizations from 20 lpi to 122 lpi, CG Screenfilm is the best complete solution currently on the market.

Area of application: High-quality film solution for very high screen rulings up to 122 lpi on water-based inkjet systems for screen printing, pad printing and flexoprinting.



CG Screenfilm Solvent

A worldwide innovation

CG Screenfilm Solvent, which has been specially developed for solvent-based inkjet printers, adds a worldwide innovation to the ColorGATE Media product range: the creation of high-quality digital film originals for screen printing on eco-solvent inkjet systems! Just like the tried-and-tested water-based version, CG Screenfilm Solvent also impresses users with high UV densities, optimum scratch and water resistance and best dimension stability. Special

highlight: CG Screenfilm Solvent is very heat resistant, making it ideal to use with all popular solvent inkjet printers.

Area of application: The innovative film solution for high screen rulings up to 65 lpi on eco-solvent inkjet systems for screen printing, pad printing and flexoprinting.

ColorGATE media:

Consistently high quality for demanding users

As the leading software specialist for screen pre-press, we have been intensively involved with the technological and application-oriented challenges in connection with printing heads, inks, media and printer control for many years and develop innovative solutions to address the requirements. Thanks to our extensive application experience, we are able to specify the requirements for ideal film media with absolute accuracy.

Under the ColorGATE Media seal of quality, we offer demanding users special products, some of which have been made exclusively to our specifications by selected production partners, to afford consistently high quality and superior material properties.

*Farbe bekennen
Committed to Color*



CG Screenfilm at a glance

CG Screenfilm Water-based

Material: Nano-porous, transparent polyester film for dye and pigment inks,
 Backed with anti-static coating, Thickness: 160 microns, Weight: 210 g/m²
 UV density: DmaxUV 3 to 4.5 · DminUV 0.13, Maximum LPI / LCM: 122 lpi / 48 lcm,
 Optical density: DmaxOPT 2.2 bis 3.5

On rolls

30 m each on 3" core	Art No. Standard version	Art No. with removable sensor strips
17" / 43,2 cm	5021731	5021732
24" / 61,0 cm	5022431	5022432
36" / 91,4 cm	5023631	
44" / 111,8 cm	5024431	5024432
54" / 137,2 cm	5025431	
60" / 152,4 cm	5025631	5026032

CG Screenfilm Solvent

Material: Nano-porous, transparent polyester film for solvent and eco-solvent
 inks, Backed with anti-static coating, Thickness: 165 microns, Weight: 202 g/m²
 UV density: DmaxUV 3 to 4.5 · DminUV 0.13, Maximum LPI / LCM: 65 lpi / 26 lcm,
 Optical density: DmaxOPT 2.2 bis 4

On rolls

30 m each on 3" core	Art No.
30" / 76,2 cm	5025433
54" / 137,2 cm	5025432

For more detailed consulting services and information, please contact:

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