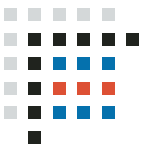


SEFAR® PET 1000

SEFAR® PET 1000 is the most popular screen printing mesh on the market.



S E F A R

SEFAR® PET1000 – the safe choice for all screen printing applications.

SEFAR® PET 1000 is the popular all-round stencil substrate for virtually all screen printing applications – large and small-format graphics, CDs, decorative tile designs, printed glass, sporting goods, textile printing, and other industrial tasks.

This high-modulus mesh, woven from monofilament polyester, features outstanding mechanical robustness and chemical resistance.

Excellent tear resistance permits high fabric tensions to be achieved with virtually any commercially available stretching system.

The stretching behavior is exceptionally well balanced in both directions, while very good dimensional stability guarantees highly reproducible tension.

End-to-end process and quality control under closely defined technical conditions and tolerances make SEFAR® PET 1000 an utterly reliable substrate material – and that is the best possible guarantee for smooth production.



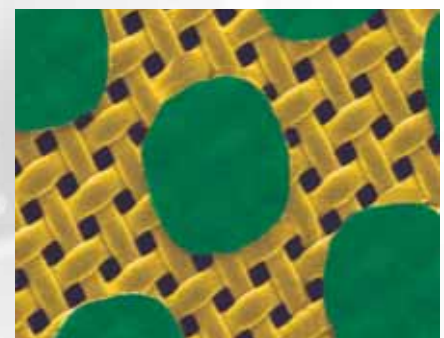
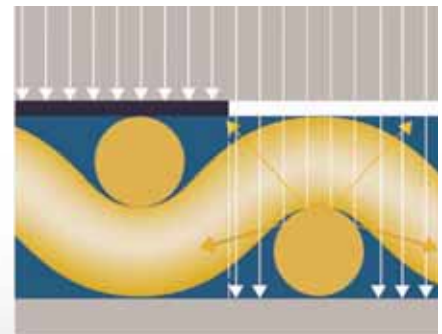
SEFAR® PET 1000 – the plus-points

- Balanced elongation in warp and weft
- Good anti-static properties
- Tolerant stretching behavior
- Minimal, stable relaxation
- Constant fabric thickness
- Excellent protection against light under-cutting (yellow fabric)
- Extensive choice of fabric types and variants
- Economical thanks to optimized fabric widths, suitability for virtually all application areas, optimized ink consumption and high stretching process reliability
- Process reliability thanks to end-to-end quality control

Unbeatable undercutting protection

Most of the range is available in both white and yellow – the latter being indispensable for demanding print jobs or high-resolution detail. Manufactured to Sefar proprietary standards, yellow fabric with its light under-cutting protection ensures sharp, sawtooth-free reproduction. Extended exposure latitude compensates minor deviations in exposure time, illumination intensity and distance.

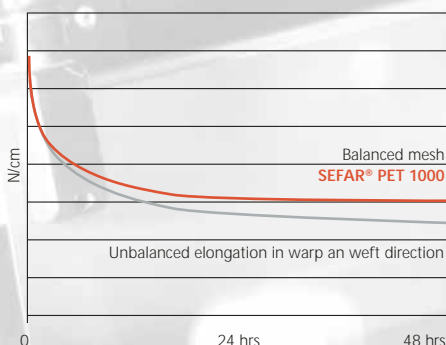
The welcome result: highly reproducible stencils, even with fine rasters and halftone gradations, plus considerably sharper edges.



Yellow dyed fabric: Only the ineffectual (yellow) rays are reflected, so the light sensitive coating underneath the edge zone is not hardened.

The result: sharp, sawtooth-free reproduction.

Relaxation properties of high-modulus polyester mesh, compared to standard polyester mesh.



Reproducible relaxation

SEFAR® PET 1000 has lasting qualities. The tension loss between stretching and printing is low, and remains stable over subsequent print runs.

Of course, a stable fabric also results in higher registration accuracy.

Economy

Working with minimal squeegee pressure and a small snap-off distance benefits the quality of the print and of the stencil service life.

Constant and low fabric thickness reduces ink consumption – and hence costs. Ink deposits remain optimally constant and ink release is very good, even with large formats and high printing speeds.

Wide choice of fabric types

SEFAR® PE 1000 is available in over 70 different types, in market-oriented widths from 115 cm to 400 cm, and in yellow or white.

The spectrum includes fabrics with 8 to 190 threads per cm, thread diameters from 350 to 27 microns and different weaves. There is also a suitable selection of one-side calendered fabric types, especially for use with UV inks (SEFAR® PET 1000 OSC).

The SEFAR® PET 1000 range is virtually certain to include a fabric with the right characteristics for any screen printing requirement. That means maximum flexibility of choice, coupled with low warehousing costs.

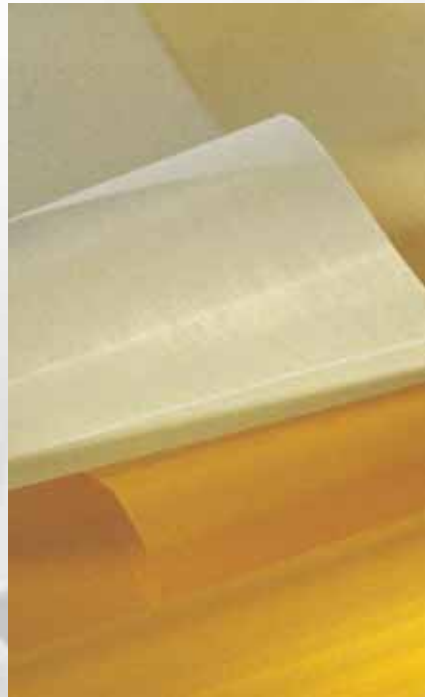
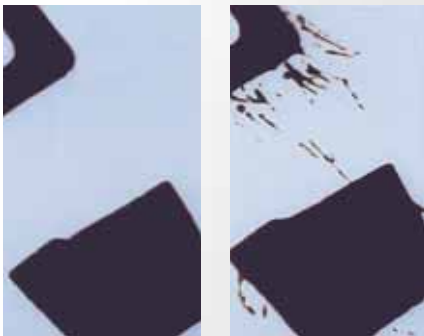
Good anti-static properties

Thanks to a special anti-static treatment, SEFAR® PET 1000 has a very low static build-up.

That makes for extremely simple and pleasant handling during the stretching process: insertion and gluing are smooth and time-efficient.

Because the printing substrate remains largely free of static charge caused by the fabric, printing results are clean and reject rates low – a convincing benefit, especially where high-cost materials are involved.

Conductive carbon ink, printed with and without anti-static treated fabric.



Standard fabric colors.



Technical datasheets provide detailed information on all key fabric parameters.



Easy fabric handling.

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- Process reliability thanks to end-to-end quality control



A comprehensive manual, written by and for screen printers. "Handbook for screen printers", published by Sefar Inc. Printing Division.

Available from your Sefar dealer!

Be Safe. Be Sefar.

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Sefar support: quick and uncomplicated solutions to your problems

Sefar is a high-performance manufacturer of screen printing fabrics with a tightly-knit network of expert partners worldwide. Our experienced application engineers are always close to you, the customer: simply, straightforwardly, wherever you may be.

Recommended fabric choices, technical questions about the stretching process, stencil making or various printing parameters – we share our knowledge.

Your benefit: fast problem-solving and person-to-person contact.