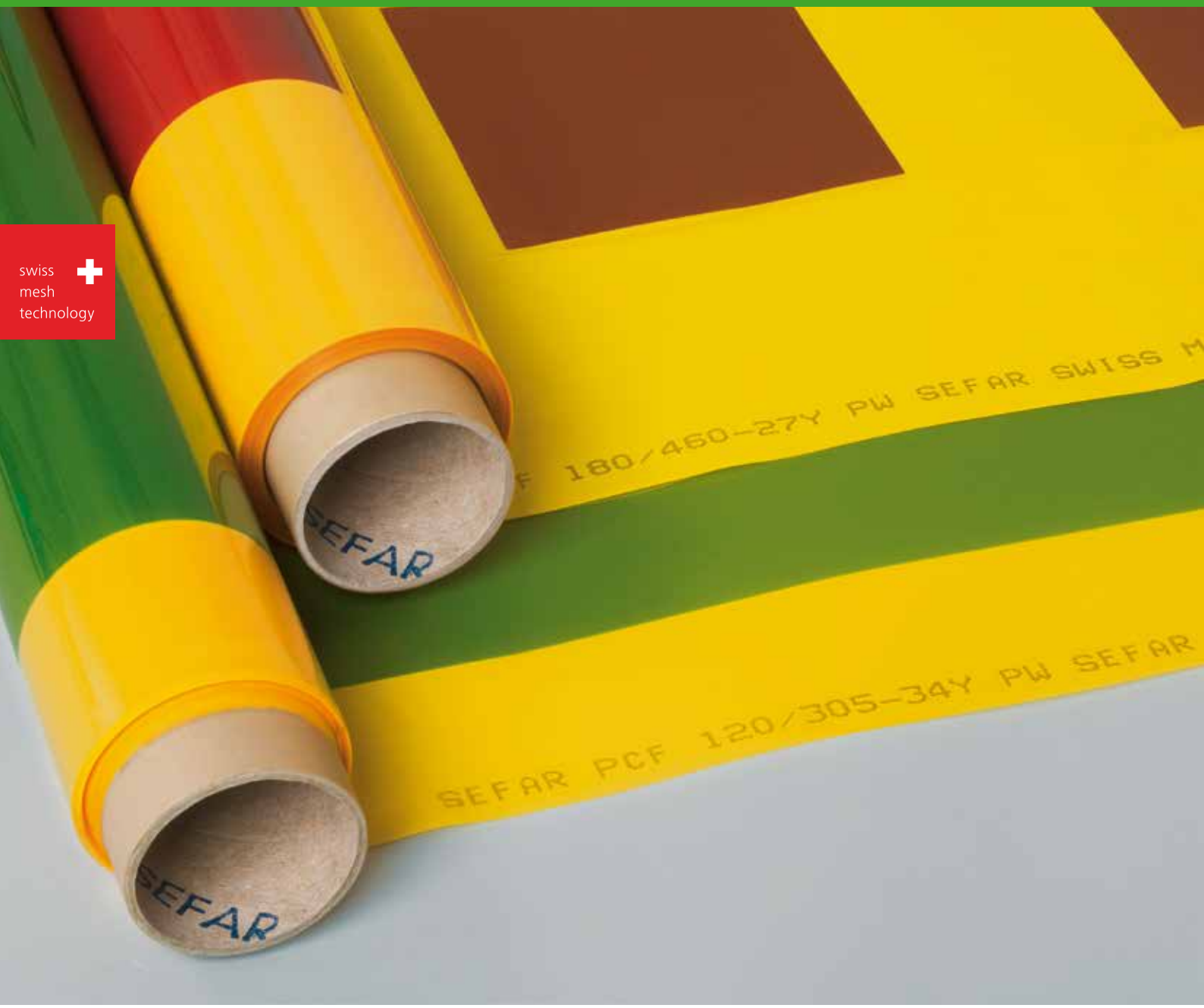
SEFAR® **PCF**

The pre-coated screen printing mesh – expose, develop, dry – print



SEFAR

SEFAR® **PCF**

The pre-coated screen printing mesh – expose, develop, dry – print

SEFAR® PCF, ready-made print forms in constant top quality. SEFAR® PCF is the innovative, unique pre-coated screen printing mesh for industrial screen printing and ensures superior print quality and efficiency. This innovative screen printing break-through is clean, space saving and environmental friendly.

Product features	Screen / stencil maker benefit	Printer benefit
Elimination of preparation steps in combination with maximum process reliability and coating quality	▪ Eliminates the purchase of emulsion and complex stencil making process ▪ Reduced handling time ▪ Optimal stencil quality with minimum effort ▪ The tension drop between the stretching process and printing is low, balanced and stable for subsequent print runs	▪ Print on demand and minimal machine downtime when changing the stencil ▪ Very accurate reproduction of tonal values and registration accuracy ▪ First-class stencil quality and printing results ▪ Very good ability to reproduce fine detail even on large print runs ▪ Uncompromised edge definition ▪ Longest stencil life ▪ Elimination of cleaning, stripping and ghost imaging removal ▪ Reduction of bad copies
Unsurpassed UV-A light undercutting protection	▪ Absorption range adapted to the UV-A radiation spectrum ▪ Sharp-edged reproduction of the artwork on the stencil ▪ Finest detail reproduction in stencil ▪ Wide exposure tolerance	▪ Sefar Yellow supports the printing of demanding tasks in which high resolution detail are essential ▪ High reproducibility of the stencil even halftones and half-tone gradients ▪ Best edge definition in print
Standard range	▪ Optimization of storage management ▪ High reliability ensures continuous production	▪ Ensured continuous delivery of stencils ▪ High quality standard range ▪ No surprises in press
Environmentally friendly	▪ No storage of emulsions ▪ Reduced use of chemicals in the stencil-making process ▪ No more degreaser, wetting agent, stencil and ghost remover are required	▪ Reduction of the cleaning cycles, easy disposal ▪ Reduced storage of chemicals ▪ Increased operational safety, since no chemical additives
Developed and manufactured to meet the highest industry standards	▪ Process stability through consistent quality control ▪ Quality you can count on	▪ High quality printing results ▪ Process reliability thanks to the best stencil quality ▪ Predictable results, no surprises on press

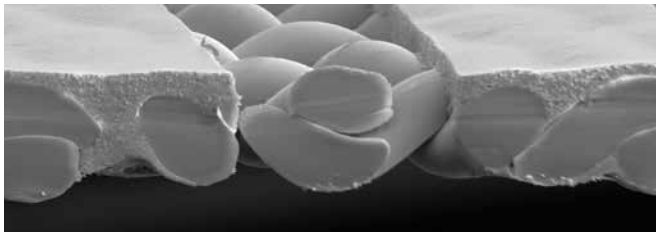
SEFAR® **PCF**

The pre-coated screen printing mesh – expose, develop, dry – print

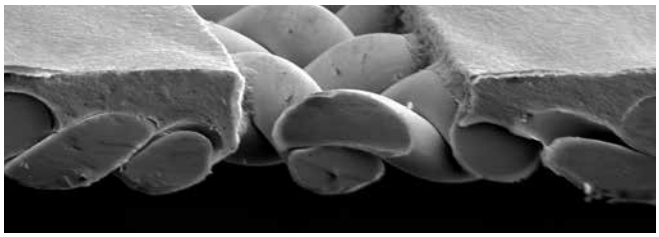
Expose, develop, dry – print

SEFAR® PCF combines the highest quality, process reliability, reproducibility, and lean stencil manufacture. Cleaning, coating and decoating processes are eliminated. This simplifies the order planning and speeds up the processing. Procurement and inventory management of chemicals are eliminated. No longer investment in cleaning and coating equipment and their maintenance and cleaning effort. Less waste of material occurs – buy what you pay for, don't drain unused.
Result: Print on demand!

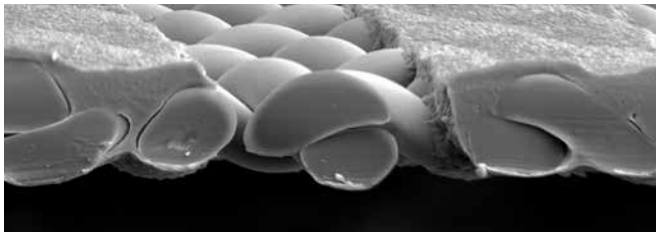
Coating/emulsion types



Sharp edged, rectangular printig channel with SEFAR® PCF FC 180/460-27Y, 3 µm EOM



SEFAR® PET 1500 180/460-27Y, 15 µm capillary film with 7 µm EOM



SEFAR® PET 1500 180/460-27Y, direct emulsion with 4 µm EOM

Applications

Expand your options with SEFAR® PCF for screen printing on plastic containers, labels, glass ware, optical discs and many other challenging print substrates.

Outstanding printing quality of fine halftones on plastic tubes printed with SEFAR® PCF FC 180/460-27Y

Fine detailed art work on CD printed with SEFAR® PCF CD 150/380-31Y

Sharp edged and well readable text on labels printed with SEFAR® PCF FC 165/420-27Y

High dense sharp edged letters on parfume flacon with SEFAR® PCF FC 120/305-34Y

Mesh assortment

The SEFAR® PCF range is designed to the requirements of individual applications regarding emulsion, mesh types and widths. Choose the ideal screen printing stencil system for your projects from our SEFAR® PCF product portfolio. For specific advice on your application please contact your local Sefar sales representative.

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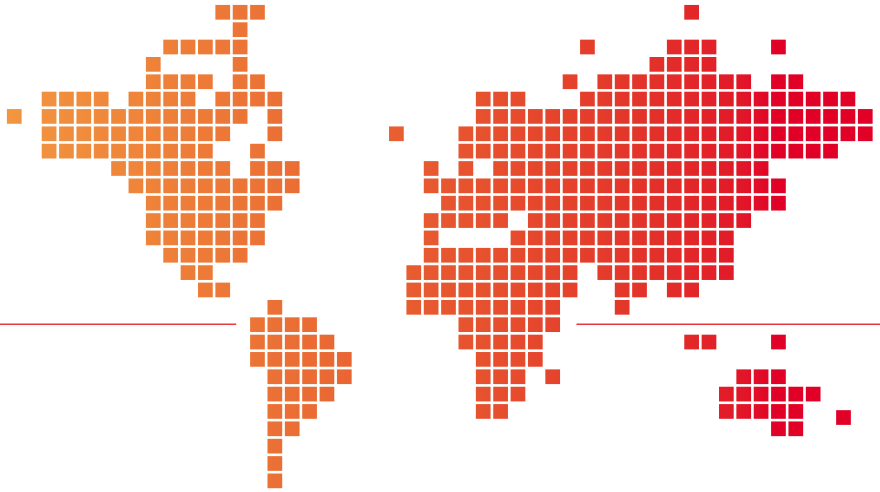

Sefar worldwide

Sefar is the leading manufacturer of precision fabrics from monofilaments for the screen printing and filtration market. Sefar products are used in a wide variety of industries, reaching from electronics, graphics, medical, automotive, food and pharmaceutical applications to aerospace, mining & refining and architecture. With its profound understanding of the applications Sefar helps its customers to achieve optimum results in their industrial processes. Subsidiaries and fabrications centers around the world provide local technical service for the broad range of solutions offered by Sefar.

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Your Sefar trading partner:

Our most current general sales conditions shall apply.
Please consult the most current local product data sheet prior to any use.

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