

# Printed Circuits

Screen printing mesh for the electronic industry.

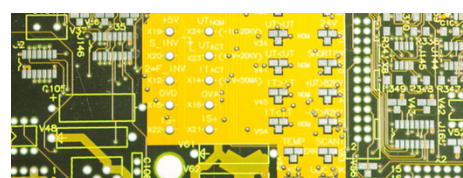
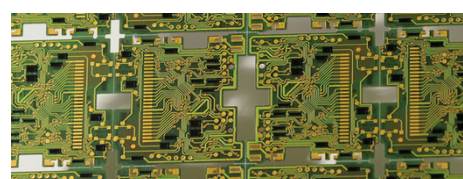
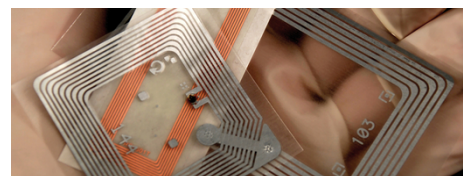
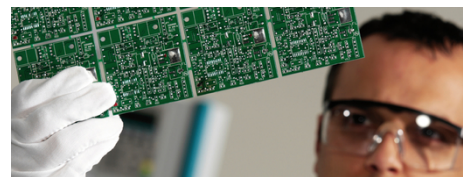
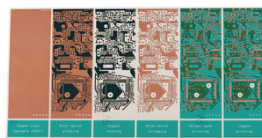
Perfect fabrics for new stencil standards in industrial environments and impressive print results.

## Overview

### Performance, innovation, reliability: Printing in the electronic industry

The printed-circuit board industry has been using screen printing as a valuable part of its manufacturing process for over 50 years.

Although there are other technologies competing with screen printing, it is still the fastest and most economical way to achieve large-volume PCB production.



## DOWNLOADS

SEFAR PME Leaflet (PDF 223 kb)

SEFAR PME Article list (PDF 645 kb)

SEFAR PME Product data sheet (PDF 344 kb)

SEFAR PET 1500 Leaflet (PDF 193 kb)

SEFAR PET 1500 Article list (PDF 879 kb)

SEFAR PET 1500 Product data sheet (PDF 238 kb)

### Our offer. Your benefit:

- Technology and quality of the world's leading manufacturer
- Wide product range for all requirements from stock
- Innovative products providing maximum efficiency
- Individual support for your printing projects
- Lean, efficient production, in both stencil preparation and the printing process
- Sustainability, safety and reliability of supply to the finished printed product
- Local, world-wide cooperative partnerships with Sefar's support teams
- Increase the competitiveness of your business

## Applications

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## Ever-smaller and ever more powerful – Printed circuit boards

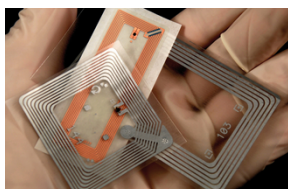


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- Etch- & plating resist
- Plugging paste
- Solder mask
- Via hole filling
- Legend marking
- Surface mount
- Carbon paste
- adhesive
- Heat sink paste

The ongoing miniaturization and increased performance of printed circuit boards puts ever-increasing demands on their manufacturers. Make sure you get the best possible results and predictable and consistent reproduction quality by using our screen printing solutions from the application tailored, competitive and the versatile performer SEFAR PET 1500.

## Conductive layer with big impact – Thickfilm applications



- Thickfilm
- RFID
- Fuel cells
- Batteries

Screen printing is the method of choice for the production of printed electronics and thickfilm

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components. It allows you to realize a wide range of printed film thicknesses with maximum production speed, various ink systems and particle sizes. It is crucial to select the right mesh, whether as combination or pure polyester stencil. Choosing SEFAR PME and SEFAR PET 1500, will help you to achieve individually and easily your desired electrical conductivity and ink deposit.

## Screen Printing Mesh

### SEFAR PME – The best performing screen printing mesh



SEFAR PME is the screen printing mesh for use in the industrial environment. It is based on an innovative, high modulus polyester yarn developed by Sefar having extraordinary tensile strength combined with very low and evenly-balanced elongation. SEFAR PME sets new standards in the stencil making process. Its quality printing results are hugely impressive in the most demanding and innovative printing applications.

### SEFAR PET 1500 – The screen printing mesh professionals use

SEFAR PET 1500 is the best stencil carrier for an almost infinite number of screen printing applications – the most

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wanted for decoration of any printable substrate. SEFAR PET 1500 is available in the largest range of different screen printing mesh types.

## Locations



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