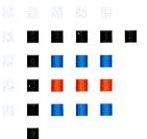


**SEFAR® PA 1000 | PA 2000**

The special mesh for cost-effective printing  
on solid objects and tiles



SEFAR

## SEFAR® PA 1000 and SEFAR® PA 2000 – for cost-effective printing on solid objects and tiles

### The family of products ...

The SEFAR® PA product family is based on polyamide meshes, known throughout the world as nylon. The family includes these two product lines:

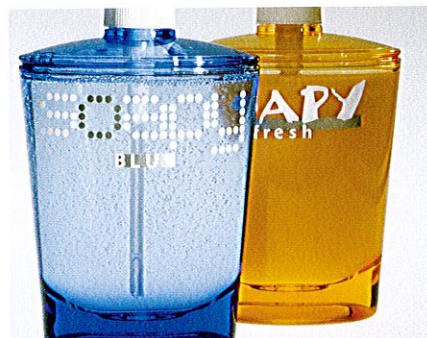
- SEFAR® PA 1000 – the special mesh for printing on solid objects and for special requirements in the coarse thread-count range
- SEFAR® PA 2000 – ideal for printing on tiles

### ... and their basic characteristics

Nylon meshes are the oldest monofilament chemical fibre meshes used for industrial screenprinting. Their key characteristics are reliable mechanical resistance, high elasticity and ease of processing. This makes PA stencil meshes especially suitable for applications involving the use of highly abrasive inks (such as ceramic, luminous or fluorescent types) and for

all kind of applications, where the stencil material has to adapt to the substrate.

### SEFAR® PA 1000



#### Characteristics

SEFAR® PA 1000 is a standard polyamide mesh featuring high resistance to abrasion. The nylon surface enhances the quality of printing thanks to its good ink-flow properties.

#### Typical application

The principal area of application for this product is printing on solid objects, from mesh numbers 77 upwards (examples include bottles, beer crates and advertising items, to mention only a few). However, SEFAR® PA 1000 is also suitable for ceramic tiles and decals for ceramics and glass in the low and medium thread-count range. The elasticity of elongation for this mesh is especially high, enabling the achievement of excellent printing results on difficult surfaces.

#### Technical data

- Mesh-count: from 10–40 and 77–200 threads/cm
- Thread diameter: from 350–30 µm
- Weave: plain weave (PW) 1:1, twill weave (TW) 2:1/2:2
- Mesh colour: white/yellow
- Widths: 115–158 cm

### SEFAR® PA 2000



#### Characteristics

SEFAR® PA 2000 is a standard polyamide mesh that has been systematically developed to achieve high resistance to abrasion and an outstanding stencil lifetime for large print runs. These features will also enhance cost-effectiveness in your printing department.

#### Typical application

The principal area of application for this mesh is screenprinting on ceramic tiles. With its reduced elasticity, SEFAR® PA 2000 combines the characteristics of a stable stencil with the unique abrasion resistance of a nylon mesh. Significantly lower tension loss has a generally positive effect on precision and print quality.

#### Technical data

- Mesh-count: from 36–77 threads/cm
- Thread diameter: 60, 70 and 90 µm
- Weave: plain weave (PW) 1:1
- Mesh colour: white/yellow
- Widths: 115–158 cm

## Key features and benefits at a glance

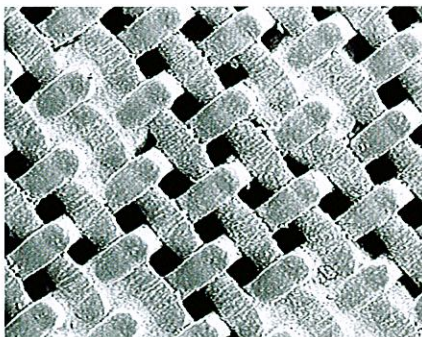
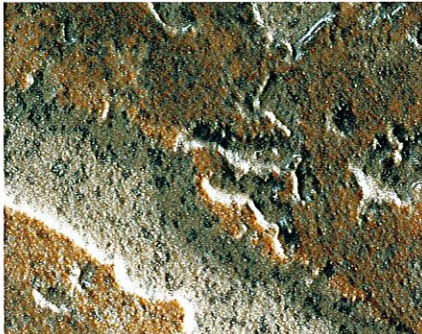
### SEFAR® PA 1000

- Standard polyamide mesh
- High elasticity of elongation
- High resistance to abrasion
- High-performance mesh for printing on solid objects

### SEFAR® PA 2000

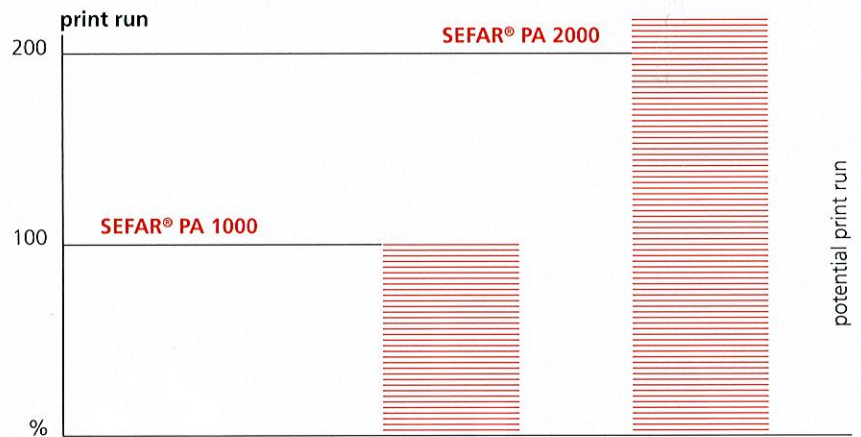
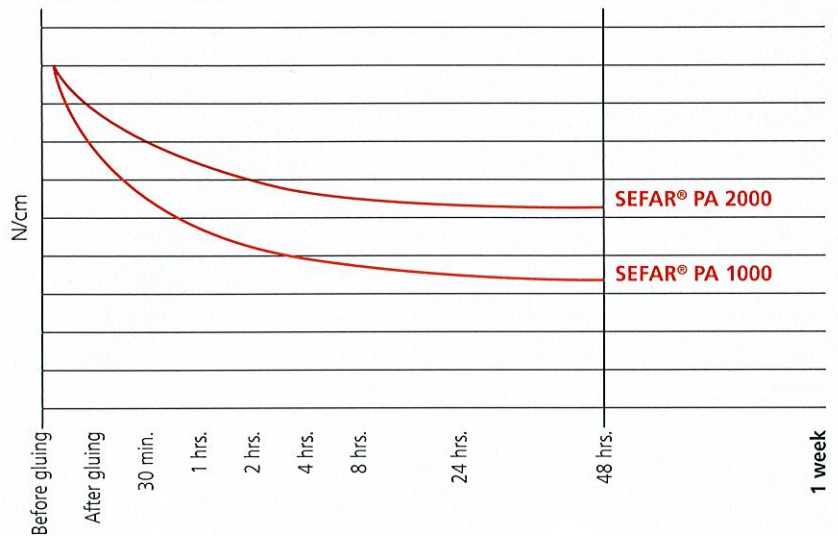
- Further development of standard polyamide mesh
- Excellent resistance to abrasion
- Print runs are 2–3 times larger
- Increased cost-effectiveness
- High-performance mesh for printing on ceramic tiles

Structured surfaces expose the mesh to high stresses.

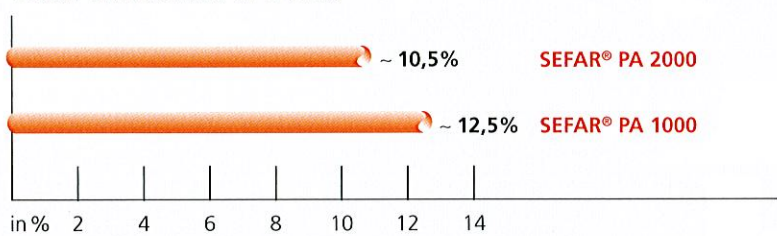


A SEFAR® PA 2000 stencil after 100 000 prints

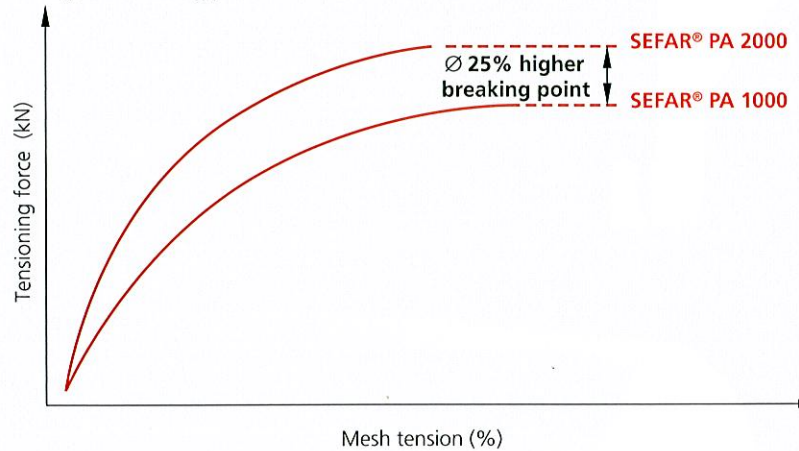
## Less loss of tension



## Stretch characteristics at 15 N/cm



## Higher breaking point



## Key features and benefits at a glance

### SEFAR® PA 1000

- Standard polyamide mesh
- High elasticity of elongation
- High resistance to abrasion
- High-performance mesh for printing on solid objects

### SEFAR® PA 2000

- Further development of standard polyamide mesh
- Excellent resistance to abrasion
- Print runs are 2–3 times larger
- Increased cost-effectiveness
- High-performance mesh for printing on ceramic tiles

**Be Safe. Be Sefar.**

[www.sefar.com](http://www.sefar.com)

Sefar AG  
Printing Division  
P.O. Box  
CH-9425 Thal SG  
Switzerland  
Phone +41 71 886 32 32  
Fax +41 71 886 35 91  
E-mail [printing@sefar.com](mailto:printing@sefar.com)

Sefar America Inc.  
120 Mount Holly-By-Pass  
PO Box 679  
Lumberton, New Jersey 08048  
USA  
Phone (609) 613-5000  
Fax (609) 267-1750  
US only (800) 424-1401  
E-mail [mesh@sefaramerica.com](mailto:mesh@sefaramerica.com)

Sefar Asia Pacific Co., Ltd.  
SCB Park Plaza West, Tower II, 3F  
18 Ratchadaphisek Road, Chatuchak  
Bangkok 10900, Thailand  
Phone +66 2 937 5624-8  
Fax +66 2 937 5647  
E-mail [sales@sefarap.co.th](mailto:sales@sefarap.co.th)

