

SEFAR® PA

The polyamid mesh of choice for object and tile printing

swiss
mesh
technology



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SEFAR® PA is based on polyamide yarn, known worldwide also as nylon. SEFAR® PA is characterized by excellent mechanical properties and ease of processing. SEFAR® PA is ideal for printing applications using abrasive inks such as the ceramic industry and its high elasticity is ideal for applications where the stencil has to fit to shaped substrates.

Mesh features	Screen / stencil maker benefit	Printer benefit
Excellent abrasion resistance of the yarn material	<ul style="list-style-type: none">Extension of applications	<ul style="list-style-type: none">Particularly suitable for printing applications using abrasive inks
Mesh surface has excellent adhesion properties	<ul style="list-style-type: none">Homogeneous coating with emulsionProcess reliability when using capillary films and emulsionsCompatible with all standard emulsions	<ul style="list-style-type: none">Longer stencil life when used on critical substrates
High elasticity	<ul style="list-style-type: none">Easy to stretch	<ul style="list-style-type: none">Ideal for applications where the stencil material must fit to shaped substrates
Good antistatic behavior thanks to Sefar antistatic treatment	<ul style="list-style-type: none">Simple, reliable and user-friendly screen productionReducing susceptibility to dust in the stencil productionReduction of retouching	<ul style="list-style-type: none">Production reliability due to reduced risk of electrostatic chargeError-free, smooth and clean printingReduction of waste and increased production efficiency
Standard range with good availability	<ul style="list-style-type: none">High availability ensures continuous productionOptimization of storage management	<ul style="list-style-type: none">Ensured continuous delivery of stencils
Manufactured to meet the highest industry standards	<ul style="list-style-type: none">Process reliability through consistent quality controlConstant mesh and stencil values	<ul style="list-style-type: none">Process reliability thanks to the high quality stencilsRepeatable and uncompromising print quality



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High elasticity and abrasion resistance

SEFAR® PA properties leave no wish unanswered: High elasticity; excellent abrasion resistance; very good adhesion of the stencil material and – in yellow – unsurpassed UV-A light undercutting protection.



SEFAR® PA 120/305-35W after 5.000 prints



Standard polyester mesh 120/305-34W after 5.000 prints

Applications

SEFAR® PA is suitable for applications that require the use of highly abrasive colors and wherever the stencil has to fit to shaped substrates: For example, printing on tiles, plastic or glass containers.



Structured and highly resistant floor tiles with SEFAR® PA 61/155-60W



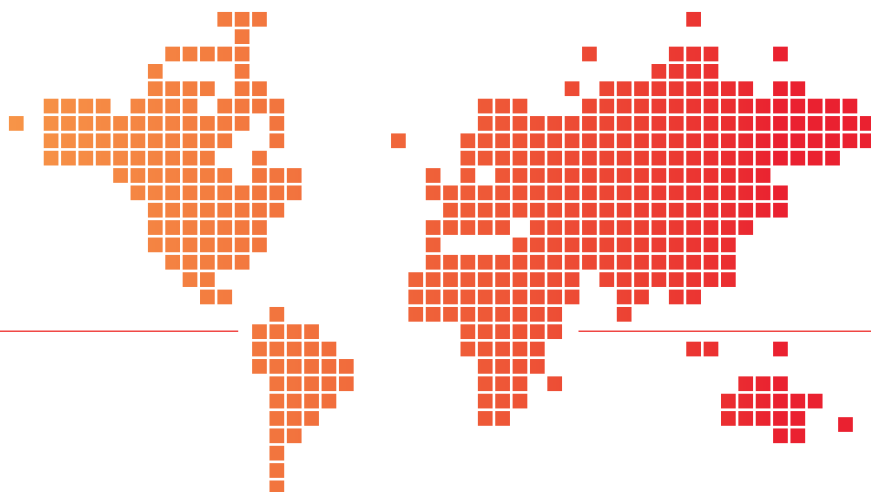
High density sharp edged bar codes printed with SEFAR® PA 140/355-30Y



High density and sharp contours with SEFAR® PA 100/255-38Y

Mesh assortment

The SEFAR® PA range includes mesh types and widths tailored for the requirements of individual applications. Choose from our product portfolio the ideal screen printing mesh solution for your projects. For specific advice on your application please contact your local Sefar sales representative.



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 in 25 countries on 5 continents provide local technical service for the broad range of solutions offered by Sefar.

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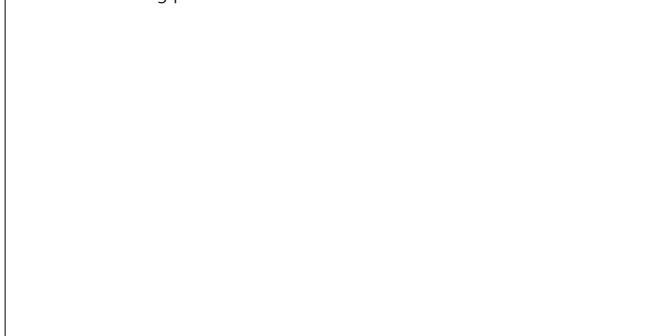
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Your Sefar trading partner:



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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