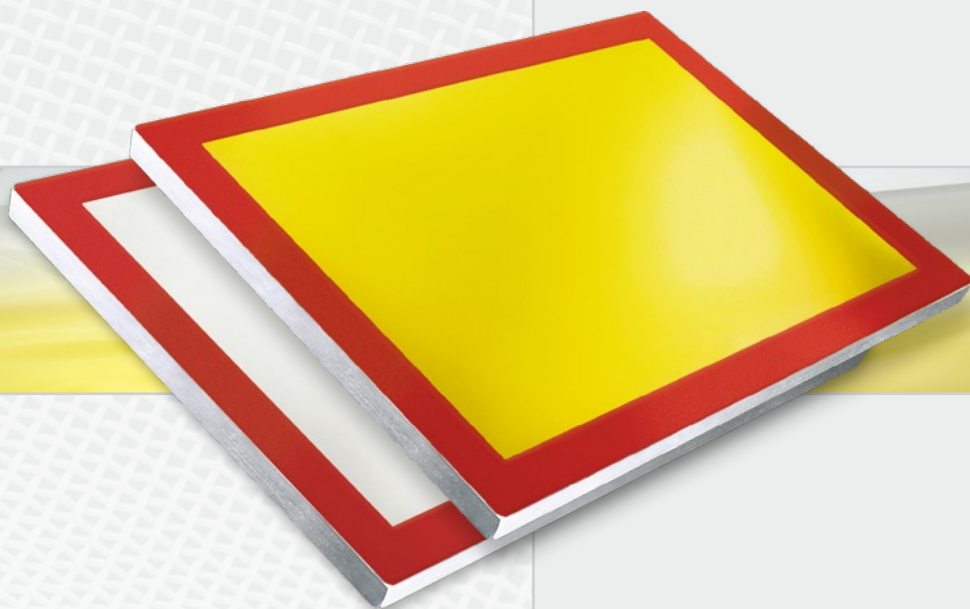
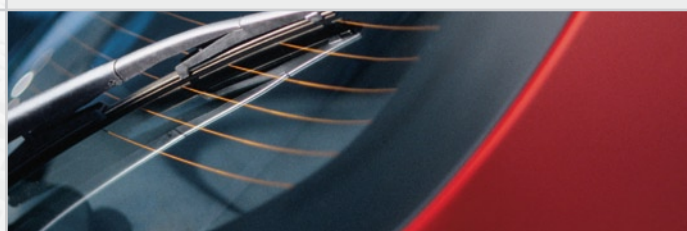
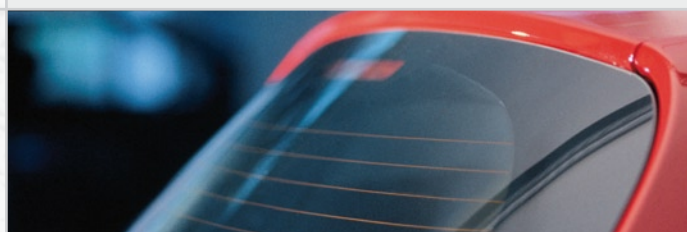


swiss
mesh
technology



The special mesh
for screen printing
rear windscreens



Printing Solutions
SEFAR® **Vario**

S E F A R
■ ■ ■ ■

SEFAR® Vario

The special mesh for screen printing rear windscreens

SEFAR® Vario simplifies the process of screen printing rear windscreens in the automobile glass sector. Thanks to SEFAR® Vario, **differing deposits of printing paste can be applied in one printing operation.** Depending on the requirements, two printing operations are needed to achieve this if conventional meshes are used.

Different layers of paste

Different layers of paste can be applied in one printing operation with SEFAR® Vario. As compared with the layer of paste in heating conductor zone A, the layer applied in zone C is about 30, 60 or 90%.

Customer-specific production

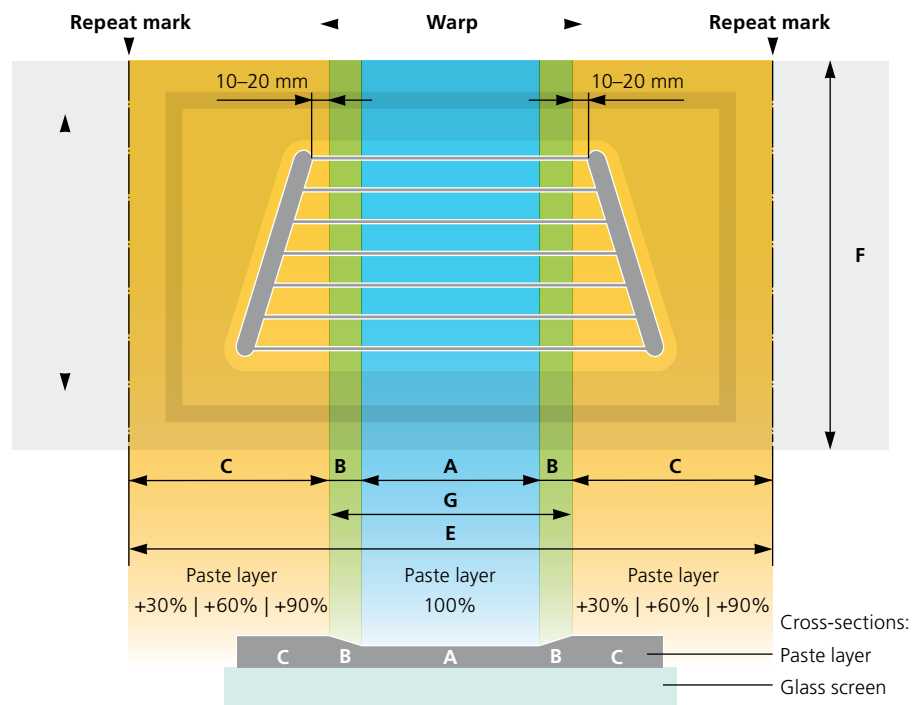
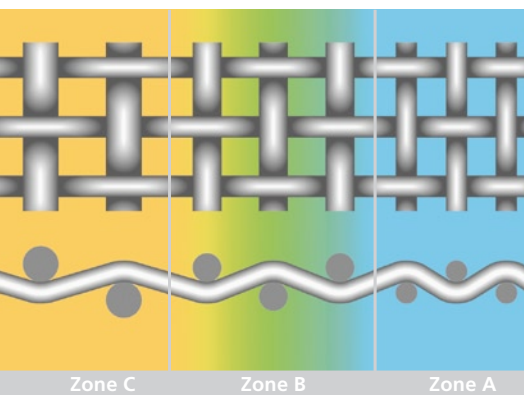
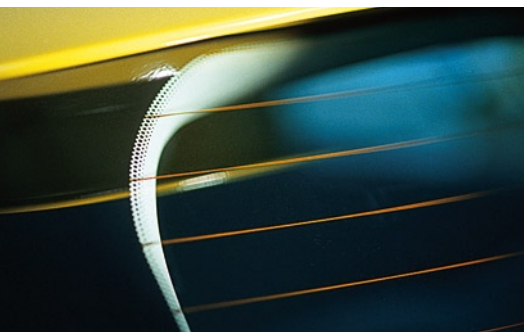
SEFAR® Vario adapts to the technical conditions set by your heating patterns. You can specify the dimensions of the zones for minimum and maximum ink layers, the repeat length, and so on.

Very good reproducibility

SEFAR® Vario allows controlled reproduction of the printed pattern and the paste layers so as to ensure consistently high-quality prints.

Cutting production costs

SEFAR® Vario means that you can save one printing operation in the production process – a major rationalization that will cut your costs.



Zones	Dimensions
A Minimum ink layer	Customer-specific
B Transition	Customer-specific
C Maximum ink layer	Customer-specific
E Repeat length	Customer-specific
F Mesh width	212 cm
G Heating zone	Customer-specific

Processing tips

Stretching

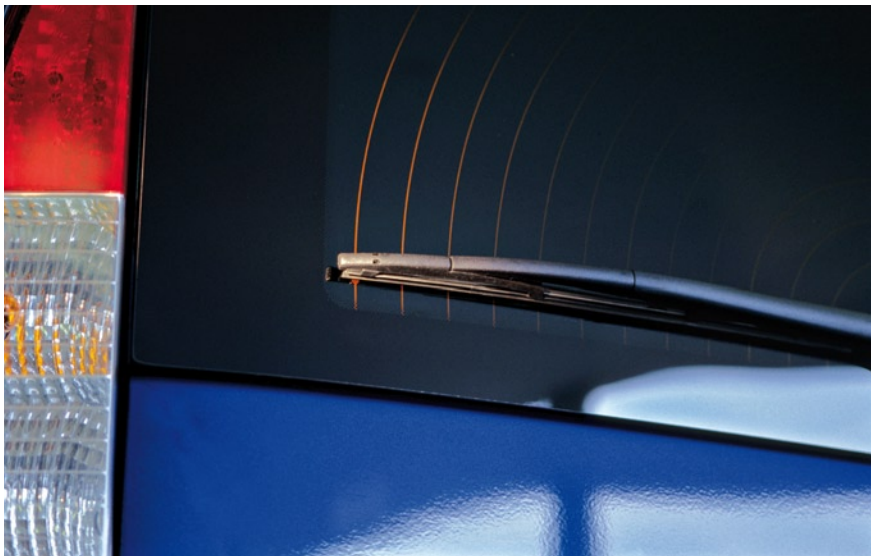
The **repeat length** is marked by a **continuous black thread**. The mesh should be centred for stretching. We recommend to use a precision stretching system such as SEFAR® 2 or SEFAR® 3A.

Mesh tension

The mesh tension should always be checked in the middle of the heating conductor zone (A), or in the middle of the frame, using a SEFAR® Tensocheck 100. With the measuring methods that are customary nowadays, varying indications are obtained due to the partial differences in the mesh structure. With mesh tension of 20 N/cm, stretching of approx. 3% can be expected.

Stencil production

Accurate stencil technology is required when you use SEFAR® Vario. Test exposures must always be assessed in areas A, B and C. If you have any technical questions, the Sefar Technology Center will be glad to advise you.



key features and benefits at a glance

- **Stencil production**
You save one stencil
- **Printing process**
You save one printing line or one step of the process
- **High reproducibility**
Consistent quality even with large print runs
- **Quality**
Fewer production errors
- **Design / technology**
Narrower distribution areas are possible
- **Subsequent processing**
Increased reliability because of a higher silver deposit at the soldering points

SEFAR® Vario is produced to order, in line with the customer's specifications

Technical data

Basic principle	Different mesh thicknesses and apertures are obtained by varying the mesh parameters. This is why the "appearance" of the mesh differs significantly from that of traditional screen printing meshes.
Name	SEFAR® Vario
Basic structure	monofilament polyester mesh 77-48 = warp
Mesh width approx.	212 cm
Repeat length	Max. 300 cm
Zones A and C	customer-specific
Zone B	customer-specific (min. 30 mm)
Mesh colour	Recommendation: yellow

A strong partner that strengthens your customer relations.

www.sefar.com
printing@sefar.com

Headquarters:

Sefar AG

Printing Solutions
Freibach
9425 Thal
Switzerland
Phone +41 71 886 32 32
Fax +41 71 886 35 91

Sefar Leguay S.A.S.

93315 Le Pré-St-Gervais, France
Phone +33 1 484 34 21 3
Fax +33 1 484 35 85 7

Sefar Maissa S.A.

08440 Cardedeu (Barcelona), Spain
Phone +34 93 844 47 10
Fax +34 93 844 47 20

Sefar Printing Solutions Inc.

Lumberton, New Jersey 08048, USA
Phone +1 609 613 5000
Fax +1 609 267 1750

Sefar Printing Solutions SA de CV

54080 Tlalnepantla, Estado de México, México
Phone +52 55 5394 8689
Fax +52 55 5319 0358

Sefar Printing Solutions Ltda.

09895-003 São Bernardo do Campo-SP, Brazil
Phone +55 11 4390 6300
Fax +55 11 4390 6301

Sefar Asia Pacific Co., Ltd.

Bangkok 10900, Thailand
Phone +66 2 937 5624
Fax +66 2 937 5647

Sefar Printing Solutions (Shanghai) Co., Ltd.

Shanghai 201108, China
Phone +86 21 6442 6800
Fax +86 21 6442 6866

Sefar Trading (Shenzhen) Co. Ltd.

518048 Futian District Shenzhen, China
Phone +86 755 3398 3868
Fax +86 755 3398 3863

Sefar (International) AG

Kwai Fong N.T., Hong Kong
Phone +852 2650 0581
Fax +852 2638 0580

Sefar Printing Solutions Co. Ltd.

Osaka 530-0053, Japan
Phone +81 6 4709 1070
Fax +81 6 4709 1071

Sefar Printing Solutions Pty Ltd

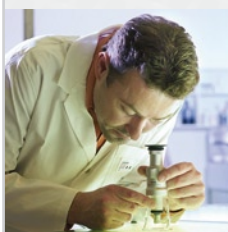
Tullamarine VIC 3043, Victoria, Australia
Phone +61 3 9330 1122
Fax +61 3 9335 2592



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Sefar is your technically expert **problem-solver** – always on hand, everywhere, with helpful information and practical tips.



Your **market partner** with a global presence. Sefar operates on every continent, in over 100 countries, offering its customers a worldwide network of subsidiaries (with their own stencil production), sales companies and selected sales partners.



With Sefar AG, you're backing the dynamic **market leader** for innovative and technically perfect industrial screen printing solutions.

1041 EN 12/2008

Waver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

Current data available on www.sefar.com

SYMBOL

Subotica

Tel: +381(0) 24 643100
symbol@symbol.rs

Beograd

Tel: +381(0) 11 3478262
www.symbol.rs

GRAPHIC CENTER

Zagreb

Tel: +385(0) 1 2987044

office@graphiccenter.hr

www.graphiccenter.hr