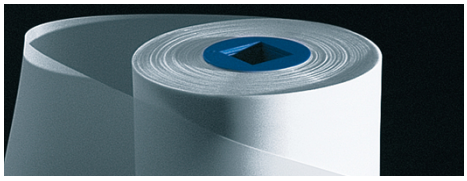
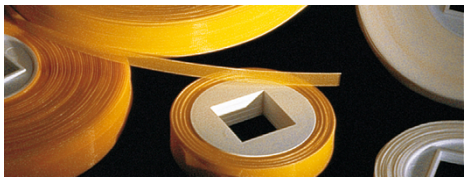
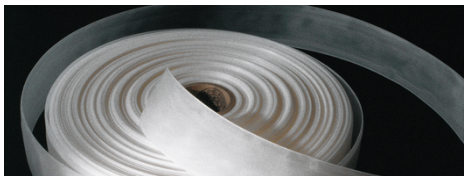
Ribbons

Our ribbons are used in a multitude of applications such as automotive and aerospace filters, household and industrial filters, electronic devices, diagnostic test strips, perfusion and transfusion filters in healthcare.





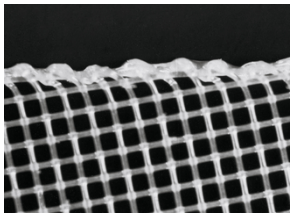


Product Features

Ribbons are often the basis for various further processing steps in numerous manufacturing processes for medical devices. They
can also be used for other converting processes that are described below so that a narrower roll of fabric is used. A wide range of
hot and ultrasonic cutting equipment enables the production of ribbons from SEFAR MEDIFAB® and SEFAR MEDITEX®.
Heat slitting involves a roll of fabric that is passed over heated knives to slit the material into a more narrow roll. The temperature
of the knives depends on what material is being passed through it. The edge of the heat slit material has a closed edge.
Ultrasonic slitting machines feature a high frequency vibrating horn which the roll material passes under to melt the edge of the
material. The edge quality is much cleaner with little build up. Different frequencies can be selected on the machine depending
on the polymer type and thickness of the material passing through.
With our exact widths, non-fraying edge qualities and precise winding, we make a significant contribution to ensuring that
subsequent processing steps can be carried out smoothly.

Edges

Single or multilayer fabrics can be heat- or ultrasonically-slit into ribbon form.



Heat-slit edge

- Welded, closed edges
- For all fabric, except PTFE
- Width from 8 mm to 2400 mm

DOWNLOADS

Sefar Filter Pure (Pty) Ltd

Postnet Suite #242
Private Bag X18
North Riding, 2162
South Africa

Phone +27 11 708 2485/6/7
Fax -

shawn@sefarfilterpure.com

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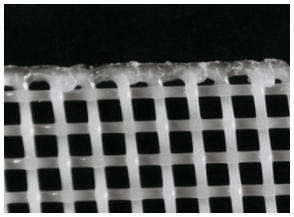
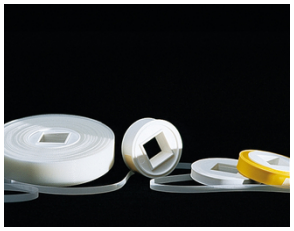


Ultrasonically slit edge

- Closed edge without rim
- Width from 4 mm to 700 mm
- PA/PP/PET with mesh opening < 280 µm

Making-up



- Ribbons with a width up to 300 mm are wound onto polyester discs with an inner square hole 30 x 30 mm and an outer diameter of 61 mm
- Ribbons can also be rolled upon request onto ABS rings with an inner diameter of 76 mm (3")
- Ribbons wider than 300 mm are wound onto polystyrene tubes with an inner diameter of 76 mm (3")
- Depending on fabric, slitting technology, core and width of the ribbon, rolls can be approximately up to 500m long

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shawn@sefarfilterpure.com

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Packaging and labeling

- Ribbons are packed into PE bags which are closed by welding
- Ribbons made of SEFAR MEDIFAB fabrics are double bagged
- The label contains the following information:
  - Manufacturer
  - Material
  - Dimensions (width in mm, length in meter)
  - Manufacturing date
  - Order number
  - Roll number

Your Benefits

- No fraying edges
- Can be used for medical applications (SEFAR MEDIFAB, double bag)
- Different types of coils available
- Traceability (label)

For industry/application specific use of ribbons see links below:

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Fax -

shawn@sefarfilterpure.com

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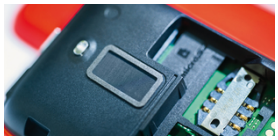
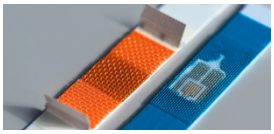



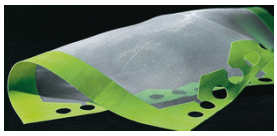


For further information and fabric samples, please select the preferred contact option on the right.

Locations

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Postnet Suite #242
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Fax: -

E-Mail