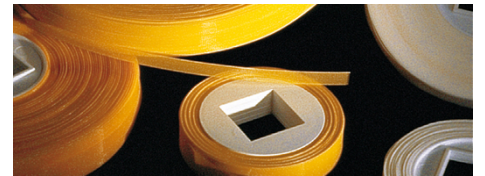
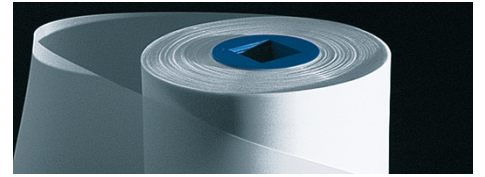


Ribbons

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.

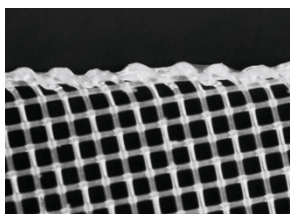
Ultrasonic slitting machines feature a high frequency vibrating horn which the roll material passes under to melt the edge of the material. The edge quality is much cleaner with little build up. Different frequencies can be selected on the machine depending on the polymer type and thickness of the material 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.

DOWNLOADS

Edges

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



Heat-slitted edge

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

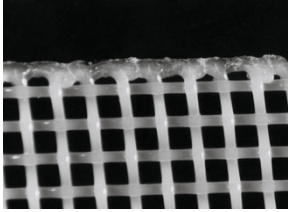
Sefar Inc.

111 Calumet Street
 Buffalo, NY 14043 – USA

Phone 800 995 0531

sales.us@sefar.com

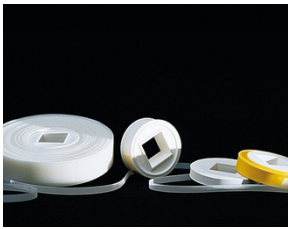
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Ultrasonically slit edge

- 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

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:

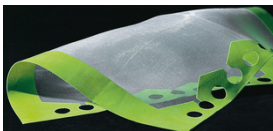
Sefar Inc.

111 Calumet Street
Buffalo, NY 14043 – USA

Phone 800 995 0531

sales.us@sefar.com

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

Locations



Sefar BDH Inc.

200 rue Clement Gilbert
 Saguenay QC, G7H 5B1 – Canada
 Phone: +1 418 690 0888
 Fax: +1 418 690 9499

 [E-Mail](#)



Sefar Inc.

Kansas City, MO – USA
 Phone: 800 995 0531
 Fax: +1 816 452 2183

 [E-Mail](#)

Sefar Inc.

111 Calumet Street
 Buffalo, NY 14043 – USA

Phone 800 995 0531

sales.us@sefar.com

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Sefar Inc.

Los Angeles, CA – USA

Phone: 800 995 0531

Fax: +1 909 544 5901

 [E-Mail](#)



Sefar Inc.

Gray, GA – USA

Phone: 800 995 0531

Fax: +1 478 986 6953

 [E-Mail](#)



Sefar Inc.

111 Calumet Street

Buffalo, NY 14043 – USA

Phone: 800 995 0531

Fax:

 [E-Mail](#)

Sefar Inc.

111 Calumet Street
Buffalo, NY 14043 – USA

Phone 800 995 0531

sales.us@sefar.com

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