



Why choose Bekaert?

The wire drawing and coating specialist

Bekaert has the flexibility, the historical background, and the technical skills to create any steel wire no matter what shape, composition or mechanical characteristic. We have been producing continuously for over 130 years and have customers in over 120 countries.

Our experience for your success

Bekaert is the pioneer in designing, developing and producing metal nonwoven media on an industrial scale. Our experience of over 40 years has given us the flexibility and technical know-how to provide you with a solution that perfectly matches your quality and performance requirements.

Protecting your investment

To deliver the best products to you, we have spent decades refining our total quality management system. Best practices across locations, divisions, continents and teams are continuously evaluated and measured again to ensure our quality. These efforts resulted in ISO9001 and ISO14001 certification for all our Bekipor® plants.

Bekipor® sintered stainless steel fiber medium for marine fuel and lube oil filtration

Enhanced protection for environmental friendly marine engines

What can we offer you?

Bekipor® sintered stainless steel fiber medium is a porous 3 dimensional web of sintered fibers.

The medium features a filter rating lower than 10 µm and has a very low ΔP. This is made possible by its high permeability, thin structure (< 0.15 mm) and outstanding separation performance. The sintered structure results in a low brittleness providing extra strength to handle strong vibrations.

Made from high-quality stainless steel, Bekipor® features a good thermal and mechanical resistance which is ideal for advanced marine oil filtration processes.

Bekipor® medium can be used as monolayer or graded structure. It can also be pleated and welded to enable a compact and efficient design.

Benefits

- keeps fuel and lube oil clean to protect engine components against wear
- insures fail safe operation
- allows both surface and depth filtration
- allows on-stream cleaning to create a longer lifetime
- low brittleness prevents filter from failing



Bekaert is a world market and technology leader in steel wire transformation and coating technologies. To be the preferred supplier of steel wire products and solutions, we consistently deliver superior value to our customers worldwide. Bekaert (Euronext Brussels: BEKB) was established in 1880 and is a global company with approximately 30 000 employees worldwide.

Would you like to know more about Bekaert?

Feel free to contact us.

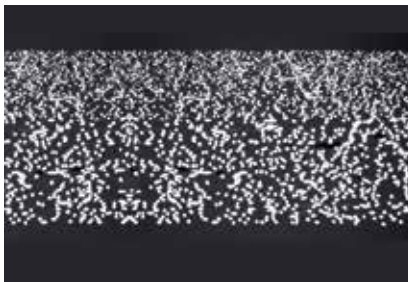
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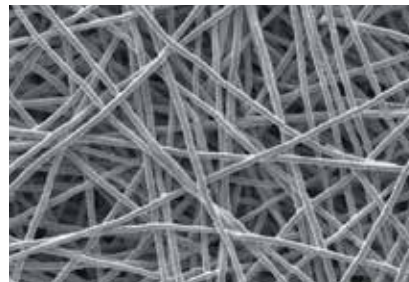
<http://bekipor.bekaert.com>

Product range

- filter ratings from 2 µm to 100 µm
- porosities from 50% to 87%
- alloy: 316L
- panels in standard dimensions of 1500 mm x 1180 mm, other dimensions are available on request



Cross-section of Bekipor® ST



SEM image of Bekipor® ST

Adaptable for a perfect performance

To meet any shape or process performance, Bekipor® is available in a wide variety of different compositions. Fiber diameter, density and porosities can be adapted to meet your exact requirements.

Customer-driven innovation

If there's a way for us to bring you to the next level, we'll find it. Because your designs and needs fuel our drive for innovation. We pursue a close cooperation to develop media solutions that benefit you and your end-customers. We also maintain productive partnerships with key industry players and invest heavily in innovation. Because of our capabilities and experience, we are the largest provider of standard and custom-made metal fiber media on the market today.

Local service supported by global presence

Benefit from our commitment to local service by relying on our worldwide network of sales offices, research centers and plants to meet your needs quickly and effectively.

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