Why choose Bekaert?

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 continually evaluated and measured to ensure our quality. These efforts resulted in ISO9001 and ISO14001 certification for all our Bekipor® plants.

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.

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 continually evaluated and measured to ensure our quality. These efforts resulted in ISO9001 and ISO14001 certification for all our Bekipor® plants.

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.

Our service has no borders

If you would like to find out how Bekipor® filter media can do for you, please contact one of our experts in your area.

bekipor@bekaert.com
http://bekipor.bekaert.com

Our service has no borders

If you would like to find out how Bekipor® filter media can do for you, please contact one of our experts in your area.

bekipor@bekaert.com
http://bekipor.bekaert.com
Why choose Bekaert?

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 to ensure our quality. These efforts resulted in ISO 9001 and ISO 14001 certification for all our Bekipor® plants.

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 innovations.

Because of our capabilities and experience, we are the largest provider of standard and custom-made metal fiber media on the market today.

Our service has no borders

If you would like to find out what Bekipor® filter media can do for you, please contact one of our experts in your area.

bekipor@bekaert.com
http://bekipor.bekaert.com

Bekaert (www.bekaert.com) is a world market and technology leader in steel wire transformation and coatings.

Bekaert (Euronext Brussels: BEKB) was established in 1880 and is a global company headquartered in Belgium, employing more than 25,000 people worldwide. Serving customers in 120 countries, Bekaert pursues sustainable profitable growth in all its activities.

Bekipor® metal fiber media

Highly efficient high porous media shaped to fit your application.
The efficient, cost-effective and environmentally friendly media solution

Bekipor® is a family of metal fiber, nonwoven media which is produced to match your quality, productivity, handling and maintenance requirements. Consisting of very fine metal fibers or a consistent diameter Bekipor® excels in strength while maintaining a very thin cross section.

Due to its unique structure, Bekipor® features a high porosity that is ideal for filtration applications and contributes to a more efficient use of energy, allowing you to save on operating costs and reducing the impact on the environment.

Bekipor® is highly adaptable to any application or requirement. To meet your needs, we can combine any number of the media's properties including: classic and special alloys, fiber diameters, web structures, unit weights, layer configurations, filtering degrees, sheet sizes and rolls, and more. For you, we can create infinite possibilities.

Discover the unique benefits of Bekipor®

Thanks to its superior properties, Bekipor® media can enhance your process and product quality in more than one way.

High flow rates
The tight layer structure of Bekipor® media increases its dirt holding capacity while its uniform web structure and uniform flow path result in superior porosity. This allows the media to filter at least twice higher than other media types, very fine pore details create high filtration efficiencies and allow efficient use of energy.

Long-on-stream life
Bekipor® media is available in a wide range of alloys including stainless steel, nickel, Hastalloy, Inconel, Fecralloy, polyethylene (PE), polypropylene (PP), polyethylene (PE), polypropylene (PP), polyethylene (PE), polypropylene (PP), nylon, polyacrylonitrile (PAN) and other polymers.

Easy to clean
The open structure of porous metal fiber media allows you to clean it Lydia backpulsing or backwashing. The high-quality alloys can tolerate several cleaning cycles as well as chemical or thermal cleaning.

Easy to shape
Thanks to its open structure and low thermal inertia, Bekipor® burner media enhances flame stabilization in gas pre-mix combustion applications. Thanks to its non-flammable and corrosion resistant nature, Bekipor® can be used to reduce noise in applications used in extreme conditions (e.g. in aviation, aerospace, engines, …). Moreover, it can be shaped and molded in any size to fit the work environment.

Proven strengths in a wide range of applications and environments
Here are some possible applications that could benefit from Bekipor® fiber media. This list is merely an indication of its limitless uses.

1. In polymer filtration
In polymer filtration, Bekipor® offers a high porosity, high strength medium with an increased dirt holding and gel elimination capacity. Not only will it help you increase the reliability of your application and reduce your energy costs, it is also water to clean.

Main application areas: polymers (PE), polystyrene (PS), polypropylene (PP), polyethylene (PE), polypropylene (PP), polyethylene (PE), polypropylene (PP), nylon, polyacrylonitrile (PAN) and other polymers.

2. In liquid/solid filtration
Bekipor® metal media has superior corrosion resistance combined with a very low pressure drop, a high dirt holding capacity and can be cleaned online which is ideal for liquid filtration.

Main application areas: chemicals, hydraulics, lake and fuel filters, inlet filters, pharmaceutics, food and beverages, petrochemical process and more.

3. In gas/solid filtration
Bekipor® media offers high temperature resistance, excellent corrosion and fine surface filtration abilities in self-cleaning solvents. These features make it especially well-suited for processes such as product recovery, catalysis, energy recovery or environmental protection.

Main application areas: oil refinery, chemical processing (olefins gases, ammonium gases, EDC, polyacrylonitrile, …), automotive (Al, Pt, Cu, Ni, …), cement and steel manufacturing, cost gasification, nuclear filtration and many more.

4. In coalescing and in demisting
Bekipor® high performance media that enables a good droplet growth and drainage. It creates low pressure drops and has a long life span even under constant exposure to corrosion, chemicals and high temperatures. These features make Bekipor® an excellent choice for coalescing and demisting filters.

Main application areas: separation of oil from water, emission of chemicals, crankcase ventilation, just to name a few.

5. As burner medium
Thanks to its open structure and low thermal inertia, Bekipor® burner media enhances flame stabilization in gas pre-mix combustion applications.

Main application areas: household and industrial gas burners, vehicle interior heaters and other thermal applications.

6. In acoustics
Thanks to its non-flammable and corrosion resistant nature, Bekipor® can be used to reduce noise in applications used in extreme conditions (e.g. in aviation, aerospace, engines, …). Moreover, it can be shaped and molded in any size to fit the work environment.

Main application areas: airplane APU, airplane airconditioning systems, engines close to the fuselage of the aircraft, or wherever soundproofing is required.

7. In DPF/GPF
The highly porous structure of fine metal filters in Bekipor® media creates unlimited filter tunability efficiency. ADF for diesel and gasoline particulate filters. Bekipor®’s natural sound attenuation makes it possible to combine DPF/GPF with silencer characteristics.

Main application areas: heavy duty, passenger car, NRMM (Non Road Mobile Machinery), marine and more.

Main application areas:

1. In polymer filtration
2. In liquid/solid filtration
3. In gas/solid filtration
4. In coalescing and in demisting
5. As burner medium
6. In acoustics
7. In DPF/GPF
Discover the unique benefits of Bekipor®

Thanks to its superior properties, Bekipor® media can enhance your process and product quality in more than one way.

**High flow rates**
- The multi-layer structure of Bekipor® media increases its dirt holding capacity while its uniform web structure and tortuous flow path result in superior porosity. This allows the media to retain twice as much dirt as other media types, while maintaining a very thin web structure.

**Long on-stream life**
- Bekipor® media is available in a wide range of alloys including stainless steel, nickel, Hastalloy, Inconel, Fecralloy, ... Bekipor® has a long life span even under constant exposure to corrosion, chemicals and high temperatures. These features make Bekipor® an excellent choice for continuous operation.

**Easy to clean**
- The open structure of porous metal fiber media allows you to clean it in situ by back-pulsing or backwashing.

**Easy to shape**
- Thanks to its unique compatibility and good pliability of the fiber media, Bekipor® is easy to shape and process to meet your specific needs.

**Easy to maintain**
- Designed to be self-cleaning, Bekipor® media reduces the need for maintenance and cleaning, improving efficiency and reducing costs.

**Cost effective**
- Bekipor® media is a cost-effective solution that offers a high performance to cost ratio.

**Environmentally friendly**
- Bekipor® media is designed to be environmentally friendly, reducing energy consumption and emissions.

**Proven strengths in a wide range of applications and environments**

Here are some possible applications that could benefit from Bekipor® fiber media.

1. **In polymer filtration**
   - Bekipor® offers a high-porosity, high-strength medium with an increased dirt holding capacity. Not only will it help you increase the on-stream lifetime of your application and reduce your energy costs, it is also easier to clean.
   - Main application areas: olefins gases, ammonia gases, EDC, polysilicon, ...

2. **In liquid/solid filtration**
   - Bekipor® media offers superior corrosion resistance, high mechanical strength and a very low pressure drop. It is ideal for liquid filtration and can be cleaned online which is ideal for filtration equipment.
   - Main application areas: chemicals, hydraulic, lube and fuel filters, inkjet printers, pharmaceutics, food and beverages, petrochemical process and more.

3. **In gas/solid filtration**
   - Bekipor® media offers high-temperature resistance, excellent corrosion and fine surface filtration abilities in self-cleaning solutions. These features make it ideal for process equipment such as product recovery, catalytic recovery or environment protection.
   - Main application areas: oil refining, chemical processing, steel gases, ammonia gases, EDC, polyisobutene, ...

4. **In coalescing and in demisting**
   - Bekipor® is high performing media that enables a good droplet growth and drainage. It creates low pressure drops and has a long life span even under constant exposure to corrosion, chemicals and high temperatures. These features make Bekipor® an excellent choice for continuous demisting applications.
   - Main application areas: desalination, demineralization, fuel processing, just to name a few.

5. **As burner medium**
   - Thanks to its open structure and low thermal inertia, Bekipor® burner media enhances flame stabilization in gas pre-mix combustion applications.
   - Main application areas: household and industrial gas burners, vehicle interior heaters and other thermal applications.

6. **In acoustics**
   - Thanks to its non-flammable and corrosion resistant nature, Bekipor® can be used in extreme environments. Although it can be shaped and molded in any size to fit the work environment.
   - Main application areas: aerospace, aircraft, vehicles, as well as any other application requiring noise reduction.

7. **In DPF/GPF**
   - The highly porous structure of fine metal fibers in Bekipor® media creates unlimited filter tunability efficiency. It is designed to meet the needs of diesel and gasoline particulate filters. Bekipor®'s natural sound attenuation makes it possible to combine DPF/GPF with catalytic characteristics.
   - Main application areas: heavy duty, passenger car, NRMM (Non Road Mobile Machinery), marine and more.
Why choose Bekaert?
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.

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.

Our service has no borders
If you would like to find out what Bekipor® filter media can do for you, please contact one of our experts in your area.

bekipor@bekaert.com
http://bekipor.bekaert.com

Bekaert (www.bekaert.com) is a world market and technology leader in steel wire transformation and coatings.

Bekaert (Euronext Brussels: BEKB) was established in 1880 and is a global company headquartered in Belgium, employing more than 25,000 people worldwide. Serving customers in 120 countries, Bekaert pursues sustainable profitable growth in all its activities.

Bekaert do Brasil
Av. Marechal Rondon, 1215
Prédio ADM 2° Andar
BR-06093-900 Osasco/São Paulo
T +55 11 2147 8535
F +55 11 2147 8758

Bekaert NAFTA
1395 South Marietta Parkway
Building 700, Suite 708
US-Marietta, Georgia 30067-4440
T +1 770 421 8520
F +1 770 421 8521

Bekaert Japan
4F , 1-2-5, Kyobashi, Chuo-ku
JP-Tokyo 104-0031
T +81 3 3243 2540
F +81 3 3243 2521

Bekaert China
17F , Block E, Waterfront Place
No. 31, Lane 168, Daduhe Road
CN-200062 Shanghai
T +86 21 2219 7000
F +86 21 2219 7399

Bekaert South Korea
3F Changwoo Bldg.,
#553 Dogok-Dong, Gangnam-gu
KR-Seoul 135-270
T +82 2 539 8760
F +82 2 539 8780

Bekaert India
Amar paragigam, Sr. No. 110/11/3,
Baner Road, Baner,
IN-Maharashtra, Pune 411 045
T +91-20-66276600
F +91-20-66276601

2014. Responsible editor: Seppe Geerinck
The efficient, cost-effective and environmentally friendly media solution

Bekipor® is a family of metal fiber, nonwoven media which is produced to match your quality, productivity, handling and maintenance requirements. Consisting of very thin metal fibers of a consistent diameter, Bekipor® excels in strength while maintaining a very thin cross section.

Due to its unique structure, Bekipor® features a high porosity that is ideal for filtration applications and contributes to a more efficient use of energy, allowing you to save on operating costs and reducing the impact on the environment.

Bekipor® is highly adaptable to any application or requirement. To meet your needs, we are able to combine any number of the media’s properties including: classic and special alloys, fiber diameters, web structures, unit weights, layer configurations, striking degrees, sheet sizes and rolls, and more. For you, we can create infinite possibilities.

Discover the unique benefits of Bekipor®

Thanks to its superior properties, Bekipor® media can enhance your process and product quality in more than one way.

1. In polymer filtration

Bekipor® media has superior corrosion resistance combined with a very low pressure drop, a high dirt holding capacity and can be cleaned online which is ideal for liquid filtration.

Main application areas: chemicals, hydraulics, fuel and fuel filters, inlet printers, pharmaaceutics, food and beverages, petro-chemical process and more.

2. In liquid/solid filtration

Bekipor® media has superior corrosion resistance combined with a very low pressure drop, a high dirt holding capacity and can be cleaned online which is ideal for liquid filtration.

Main application areas: chemicals, hydraulics, fuel and fuel filters, inlet printers, pharmaceutics, food and beverages, petro-chemical process and more.

3. In gas/solid filtration

Bekipor® media offers high temperature resistance, excellent corrosion and fine surface filtration abilities in self-cleansable solution. These features make it ideal for many processes especially as product recovery, catalyser, energy recovery or environment protection.

Main application areas: oil refinery, chemical processing (ethylene gases, ammonia gases, EDC, polyisobutlen, ...), low-emitting (PA, PA, Ni, ...), cement and steel manufacturing, cost gasification, nuclear filtration and many more.

4. In coalescing and in demisting

Bekipor® is a high performace media that enables a good droplet growth and drainage. It creates low pressure drops and has a long life span even under constant exposure to corrosion, chemicals and high temperatures. These features make Bekipor® an excellent choice for coalescing and demisting filters.

Main application areas: separation of oil/water, elimination of chemicals, crankcase ventilation, just to name a few.

5. As burner medium

Thanks to its open structure and low thermal inertia, Bekipor® burner media enhances flame stabilization in gas-pre-mix combustion applications.

Main application areas: household and industrial gas burners, vehicle interior heaters and other thermal applications.

6. In acoustics

Thanks to its non-flammable and corrosion resistant nature, Bekipor® can be used to reduce noise in applications used in extreme conditions (e.g. in aviation, aerospace, engines, ...). Moreover it can be shaped and molded in any size to fit the work environment.

Main application areas: airplane APU, airplane airconditioning systems, engines close to the fuselage of the aircraft, or wherever soundproofing is required.

7. In DPF/GPF

The highly porous structure of fine metal fibers in Bekipor® media creates unlimited filter tunability efficiency. AFI for diesel and gasoline particulate filters. Bekipor®’s natural sound attenuation makes it possible to combine DPF/GPF with silencer characteristics.

Main application areas: heavy duty, passenger car, NRMM (Non Road Mobile Machinery), marine and more.
Why choose Bekaert?

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 solutions that perfectly match 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 to ensure our quality. These efforts resulted in ISO9001 and ISO14001 certification for all our Bekipor® plants.

Customer-driven innovation

If it’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.

Our service has no borders

If you would like to find out what Bekipor® filter media can do for you, please contact one of our experts in your area.

bekipor@bekaert.com
http://bekipor.bekaert.com

Bekaert is a world market and technology leader in steel wire transformation and coating technologies. To be the preferred supplier of wire rope 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.

Modifications reserved

All details describe our products in general form only. For ordering and design only use official specifications and documents. Unless otherwise indicated, all trademarks mentioned in this brochure are registered trademarks of NV Bekaert SA or its subsidiaries. © 2015 Bekaert

Bekaert Belgium
Bekaertsteel
T +32 56 74 66 32
F +32 56 74 79 45

Bekaert do Brasil
Av. Manoel Rebêlo, 1215
Balneário F. Ambrosio
06695-900 Osasco/São Paulo
T +55 11 2477 3306
F +55 11 2147 8758

Bekaert NAFTA
1160 South Market Bldg., Building 700, Suite 710
Arlington, Georgia 30017-4448
T +1 770 491 8233
F +1 770 491 8220

Bekaert Japan
4F T-S, Takashimaya, Chuo-ku,
2-8-1 Tokyo 104-0051
T +81 3 3343 5550
F +81 3 3343 5551

Bekaert China
17F, Block E, Waterfront Place
No. 31, Lane 189, Daxue Road,
Chaozhou Shangshi
T +86 21 2219 7000
F +86 21 2299 7009

Bekaert South Korea
3F Changwon Bldg.,
4522 Dong-Dong, Sangam-gu,
Changwon 643-828
T +82 55 238 7290
F +82 55 238 7291

Bekaert India
Survey No. 232/1+2, Plot No. 127,
Survey No. 232/1+2, Plot No. 127,
Sakore Nagar, Lane No. 1, Vimannagar,
IN-Maharashtra, Pune 411014
T +91 20 6627 6600
F +91 20 6627 6601

Our service has no borders

If you would like to find out what Bekipor® filter media can be for you, please contact one of our experts in your area.

bekipor@bekaert.com
http://bekipor.bekaert.com

Bekaert is a world market and technology leader in steel wire transformation and coating technologies. To be the preferred supplier of wire rope 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.

Modifications reserved

All details describe our products in general form only. For ordering and design only use official specifications and documents. Unless otherwise indicated, all trademarks mentioned in this brochure are registered trademarks of NV Bekaert SA or its subsidiaries. © 2015 Bekaert