The Freudenberg Group

Freudenberg in 2023 is an agile and flexible global technology company, with a scientifically based standard of progress.

Together with its partners, customers and research institutions, the eleven Freudenberg Business Groups develop leading-edge technologies, and excellent products and services for more than 40 markets and thousands of applications: seals, batteries, fuel cells, vibration control components, technical textiles, filters, cleaning technologies and products, specialty chemicals and medical products.

Across the globe, the Freudenberg Group's products and services make a valuable contribution to customer success - often invisible but always essential.

Without Freudenberg, indoor air would not be as clean, cars would not drive, suits would not sit properly and wounds would not heal as quickly. Freudenberg’s goal is to offer customers and end-consumers excellent high technology and innovative products, and services in the passenger vehicle and commercial vehicle industries, mechanical and plant engineering, textile and apparel, construction, mining and heavy industry, energy, chemical, and the oil and gas sectors. Customers also include companies in the medical technology, civil aviation and rail vehicle sectors.

Innovation, strong customer focus, close cooperation, as well as diversity and team spirit are the cornerstones of the Group. Commitment to excellence, reliability and proactive, responsible action have been part of the company's core values as practiced for more than 170 years.

Basic values and business interests are no contradiction at Freudenberg, especially when it comes to sustainability. Our commitment to climate protection makes sound business sense and expresses the responsibility that we feel towards others and the environment.
Freudenberg is an enterprise of entrepreneurs. The operations are run by independent companies whose management acts independently. The individual companies are part of Business Groups.

Freudenberg has two parent companies: Freudenberg & Co. Kommanditgesellschaft (Freudenberg & Co. KG), Weinheim, Germany, is the strategic parent company; Freudenberg SE, Weinheim, Germany, is the parent company responsible for managing business operations.

The Freudenberg & Co. KG corporate bodies are the Management Board, the Board of Partners and the General Meeting. The corporate bodies at Freudenberg SE are the Board of Management, the Supervisory Board and the Shareholder’s Meeting. The Management Board of Freudenberg & Co. KG and the Board of Management of Freudenberg SE have the same members, which is also true of the Board of Partners of Freudenberg & Co. KG and the Supervisory Board of Freudenberg SE.

Freudenberg is a family-owned company and currently owned by some 350 heirs to the founding father Carl Johann Freudenberg.
MOBILITY AND TRANSPORT

Whether by road, water, rail or air: Freudenberg technology helps motors and other parts work reliably. We use sealing, vibration control or filtration technology, battery and fuel cell technology, technical textiles, durable bearings, specialty chemicals or surface treatment and galvanization technology to make mobility and transport around the world safer, more efficient and more comfortable.

RELIABLE AND TAILORED FREUDENBERG COMPONENTS HELP ENSURE LONG-TERM PRODUCTIVITY AND QUALITY - WHETHER FOR SEALS, FILTERS, RELEASE AGENTS, SPECIALTY LUBRICANTS OR TECHNICAL TEXTILES.

Our products are found in almost all industries, production processes and systems.

ENERGY AND RESOURCES

Fossil fuel exploration and transport is extremely challenging. The expansion of renewable energy calls for innovative applications. Freudenberg contributes to improved functional reliability, operating lives and the best possible environmental protection throughout the energy industry.

INDUSTRY AND PRODUCTION

The competitiveness of industrial companies depends on the smoothest and most efficient production possible.
IN MANY INDUSTRIES

Our product range includes gas-lubricated mechanical seals in pipelines, complete filtration systems for power plants and seals for electrolyzers.

HEALTHCARE AND FOOD PROCESSING INDUSTRY

Strict hygiene standards must be met for healthcare products and food processing. The high material competency and process reliability make Freudenberg a sought-after partner for customers in the medical technology, pharmaceutical and food processing industries.

Our medical innovations simplify surgical interventions and improve wound treatment. In the food industry, we help process confectionery along with other food types. Efficient drinking water treatment often uses Freudenberg technology.

HOUSEHOLD AND TEXTILES

Even everyday products are based on sophisticated technology. Freudenberg’s innovation strength can be found in microfiber cloths or electric cleaning products. Our functional technical textiles allow for comfortable sofas, well-fitted textiles and mite-free bedding.

They are also used to manufacture shoes and leather goods, or protective clothing. The filter applications also help keep interior air clean.
Freudenberg Sealing Technologies is a longstanding technology expert and global market leader for demanding and novel applications in numerous diverse industries, especially in electro-mobility.

The company’s unique materials and technology expertise make it a proven supplier for demanding products and applications, and a development and service partner to customers in the automotive industries and in general industries.

Corteco is a specialist for the independent automotive spare parts market.
Freudenberg e-Power Systems is a leading global supplier of emission-neutral energy systems for heavy-duty applications. With its expertise in battery and fuel cell technology, the company offers customized and, in particular, combined solutions for sustainable and cost-efficient e-mobility.

Freudenberg e-Power Systems supports its customers from application development to production, commissioning and service with more than 700 employees.
Freudenberg Oil & Gas Technologies designs and supplies products, technologies, and services to a wide range of customers - including oil and gas producers, original equipment manufacturers as well as engineering and service companies that in turn provide technology, equipment and services for onshore and offshore oil and gas production and energy generation facilities. The Business Group has a material and product testing facility in Houston, Texas, USA and has manufacturing and service centers in Canada, Malaysia, Norway, Singapore, the United Kingdom, the United Arab Emirates and in the United States of America.
EagleBurgmann is a leading international manufacturer of industrial sealing technology. The Business Group develops, manufactures and markets a broad range of high-quality products for pumps, compressors, agitators and special machines. The sealing systems are common when safety and reliability are most important, including in refineries and the (petro-) chemical industry, pharmaceuticals, food processing, energy or water treatment applications.

EagleBurgmann offers its customers worldwide sealing solutions that enable entire industries to operate more sustainably and become “greener.”

A dense sales and service network ensures excellent customer focus which is optimally enhanced by digital services.

**PRODUCTS / SERVICES**

- Liquid and gas-lubricated mechanical seals and seal supply systems
- Magnetic couplings
- Carbon floating ring seals
- Flat gaskets and stuffing box packings
- TotalSealCare services
- Academy

**SALES [in million euros]** | **EMPLOYEES**
---|---
917.7 | 5,883

EagleBurgmann Germany GmbH & Co. KG
Äußere Sauerlacher Str. 6 – 10
82515 Wolfratshausen
Germany
Phone: +49 8171 23-0
Email: info@eagleburgmann.com
www.eagleburgmann.com
Vibracoustic is a global leading NVH (noise, vibration, harshness) expert for the automotive industry and provides tailored solutions that offer more comfort, while contributing to efficiency, safety and the operating life of vehicles. Thanks to its knowhow along the entire product life cycle and in all vehicle systems, Vibracoustic’s broad product portfolio provides solutions to current and future NVH challenges in all vehicle segments.

With a global network of production and engineering sites, the Business Group supplies almost all light and commercial vehicle manufacturers as well as their direct suppliers and can significantly improve driving comfort.

### PRODUCTS / SERVICES

- Engine, gearbox and chassis mounts, air springs, torsional vibration dampers, isolators and dampers, components made from MCU (Micro-Cellular Urethane)

### Sales and Employees

<table>
<thead>
<tr>
<th>Sales [in million euros]</th>
<th>Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,509.0</td>
<td>10,033</td>
</tr>
</tbody>
</table>

Vibracoustic SE  
Höchnerweg 2-4  
69469 Weinheim  
Germany  
Phone: +49 6201 2757 0  
www.vibracoustic.com
Freudenberg Performance Materials is a leading global supplier of innovative technical textiles for a broad range of markets and applications such as apparel, automotive, building materials, energy, filter media, healthcare, building interiors, footwear and leather goods as well as specialties.

In 2022, the company generated sales of more than €1.5 billion. The company has 33 manufacturing sites in 14 countries and more than 5,000 employees.

**PRODUCTS / SERVICES**

- Interlinings and thermal insulation for clothing, functional textiles and hobby tailoring;
- Substrates for automotive carpets, headliners, sound-absorbing materials, components for batteries and fuel cells;
- Substrates for bitumen membranes, geo-textiles and tufted carpet tiles;
- Functional components for wound, stoma and transdermal applications;
- Components for footwear and leather goods;
- Nonwovens for electrical applications, allergenic bedding, packaging, anti-condensation nonwovens for metal roofs;
- Hard particle coated nonwovens to raise the coefficient of friction, coated technical textiles for various applications

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**SALES [in million euros]**

<table>
<thead>
<tr>
<th>SALES [in million euros]</th>
<th>EMPLOYEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,571.5</td>
<td>5,058</td>
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</table>

Freudenberg Performance Materials Holding SE & Co. KG
Höhnerweg 2–4 69469
Weinheim
Germany
Phone: +49 6201 7107 007
Email: info@freudenberg-pm.com
www.freudenberg-pm.com
Freudenberg Filtration Technologies is a development, production and application specialist for air and liquid filtration. The Business Group’s solutions help make its customers’ industrial processes more efficient, conserve resources, protect people and the environment, and so help to improve the quality of life.

As a globally renowned partner for reliable, energy efficient filtration designs, Freudenberg Filtration Technologies is active in the automotive and transport, energy and resources, hygiene, comfort and health, production and building technology industries and in the field of technologically sophisticated special applications.

System solutions such as the development, installation and the operation of complete filtration solutions as well as wide-ranging services for air and water quality management complement the market-oriented, innovative product portfolio.

Freudenberg Filtration Technologies SE & Co. KG
Höhnerweg 2–4
69469 Weinheim
Germany
Phone: +49 (0)6201 7107 264
Email: info@freudenberg-filter.com
www.freudenberg-filter.com

<table>
<thead>
<tr>
<th>SALES [in million euros]</th>
<th>EMPLOYEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>677.0</td>
<td>3,552</td>
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</tbody>
</table>
Since its founding in 1960, the Japan Vilene Company has been the leading nonwoven manufacturer on the Japanese market. The company’s motto, “Engineering Fabric Innovation” stands for longstanding material competency and extensive knowhow in production processes and technologies as well as in nonwoven processing. The Japan Vilene Company provides a broad product portfolio for various applications in the automotive, medical, electrical and industrial segments. The company has also expanded its business to include automotive floor mats around the world. Japan Vilene Company operates 15 global production sites, including two main sites in Japan.

Working in close cooperation with Freudenberg Performance Materials and Freudenberg Filtration Technologies, Japan Vilene Company operates a network of production and sales joint ventures throughout Asia.

**PRODUCTS / SERVICES**

Vehicle headliners, floor mats and interior filters for the automotive industry; filter media and units; battery separators for hybrid vehicles and the end consumer market, as well as other industrial nonwovens; elastic base materials for transdermal products and particulate respirators, angiography sets and other medical products; interlinings and facial masks; fibers made from recycled plastic bottles

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**SALES [in million euros] | EMPLOYEES**

| 511.7 | 2,333 |

Japan Vilene Company Ltd.
Hama-rikyu Mitsui Bldg. 6 – 4
Tsukiji 5-chome, Chuo-ku
Tokyo 104-8423
Japan
Telefon: +81 3 4546 1111
E-Mail: p-relations@vilene.co.jp
www.vilene.co.jp
Freudenberg Home and Cleaning Solutions is a leading international company for branded cleaning products and systems as well as laundry care products. The products are sold under the brand names Vileda, Vileda Professional, O-Cedar, Gimi, Oates, Gala, Wet-tex, and Marigold.

Detailed market expertise, innovation, effective new products and a strong customer focus all help the company succeed. International market and customer research, innovation centers and production facilities in all regions of the world, as well as a dedicated sales network in more than 35 countries also help the company thrive.

Freudenberg Home and Cleaning Solutions GmbH
Im Technologiepark 19
69469 Weinheim
Germany
Phone: +49 6201 80-871000
Email: info@fhp-ww.com
www.vileda.de

<table>
<thead>
<tr>
<th>SALES [in million euros]</th>
<th>EMPLOYEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,285.4</td>
<td>3,300</td>
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</table>
FREUDENBERG CHEMICAL SPECIALITIES

The Freudenberg Chemical Specialities Business Group includes the independently operating companies of Klüber Lubrication, Chem-Trend, SurTec, OKS and Capol.

Klüber Lubrication is a leading manufacturer of specialty lubricants. Chem-Trend is a market leader for release agents used in the production of molded parts from composite materials, rubber, plastics, metal and polyurethane. SurTec is a leading global supplier of chemical specialties for surface treatment and electroplating. OKS specializes in high performance lubricants and products for maintenance and repair. CAPOL is a specialist provider of products for confectionery coatings, pigments and natural aromas for the food industry.

SALES [in million euros] | EMPLOYEES
---|---
1,457.2 | 3,991

Freudenberg Chemical Specialities SE & Co. KG
Geisenhausenerstraße 7
81379 Munich
Germany
Phone: +49 89 7876-0
Email: info@fcs-munich.com
www.fcs-munich.com
Freudenberg Medical is the global partner for the design, development and production of innovative medical products that make a vital contribution in a wide range of medical and pharmaceutical applications. All of the products help to save lives and improve people’s health - every day, throughout the world.

The company’s product range includes complex catheter solutions, hypotubes, special needles, medical balloons and coatings for minimally invasive procedures, as well as precision molded parts and medical tubing made of silicone and synthetic material.

Freudenberg Medical, LLC  
40 Sam Fonzo Drive  
Beverly  
Massachusetts 01915  
USA  
Phone: +1 805 684 3304  
Email: info@freudenbergmedical.com  
www.freudenbergmedical.com

<table>
<thead>
<tr>
<th>SALES [in million euros]</th>
<th>EMPLOYEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>327.2</td>
<td>2,404</td>
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</table>
FREUDENBERG BUSINESS SERVICES

As an internal service provider, Freudenberg Business Services combines administrative activities across Business Groups and regions. Freudenberg can thus generate economies of scale and make standard processes carried out regularly and on a large scale more efficient.

Doing so, relieves pressure on the Business Groups, allowing them to concentrate on their core business, their customers and markets.

PRODUCTS / SERVICES

Purchase of indirect materials and services; accounting; controlling; HR management; payroll; occupational retirement provision; Center of Excellence for process management, lean and automation

LOCATIONS

<table>
<thead>
<tr>
<th>LOCATIONS</th>
<th>EMPLOYEES</th>
</tr>
</thead>
<tbody>
<tr>
<td>China, Germany, USA</td>
<td>112</td>
</tr>
</tbody>
</table>

Freudenberg Business Services KG
Höchnerweg 2–4
69469 Weinheim
Germany
Phone: +49 6201 80-5630
www.freudenberg.com
Freudenberg Service operates the industrial parks in Weinheim und Neuenburg. The business includes the Freudenberg Service KG and Freudenberg Verpflegungsdiensste KG companies, both located in Weinheim. Freudenberg Service offers customers a comprehensive range of services – occupational health and preventive health care, energy supply, information and communication technology, catering and hazard prevention such as plant security and fire services.

Our own modern cogeneration plant (CCHP) at the Weinheim site provides environmentally friendly and efficient energy generation and supply. The training center run by Freudenberg Service is one of the leading institutions of its kind in the Rhine-Neckar region.
Freudenberg & Co. Kommanditgesellschaft is the strategic management company for the Freudenberg Group. It covers the Management Board, the Board of Partners, the General Meeting and the Corporate Functions.

The Management Board takes decisions on fundamental strategic issues facing the Group. The Corporate Functions guide, coordinate and monitor Group activities. They define Group-wide guidelines and support the Business Groups as consultants and service providers.

*The Corporate Functions of Freudenberg Technology Innovation, Corporate Insurance and Freudenberg Real Estate are independent companies external to the Freudenberg & Co. Kommanditgesellschaft.

**SITE GERMANY**

<table>
<thead>
<tr>
<th>FREUDENBERG &amp; CO. KOMMANDITGESELLSCHAFT</th>
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</thead>
<tbody>
<tr>
<td>Freudenberg &amp; Co. Kommanditgesellschaft</td>
</tr>
<tr>
<td>* Corporate functions in independent companies</td>
</tr>
</tbody>
</table>

Freudenberg & Co. Kommanditgesellschaft
Höhnerweg 2–4
69469 Weinheim
Germany
Phone: +49 6201 80-0
www.freudenberg.com
Freudenberg SE is the operational management company for the Freudenberg Group. It carries out the company’s strategic decisions.

The corporate bodies at Freudenberg SE are the Board of Management, the Supervisory Board and the Shareholder’s Meeting.

The Management Board of Freudenberg & Co. Kommanditgesellschaft and the Board of Management of Freudenberg SE have the same members, which is also true of the Board of Partners of Freudenberg & Co. KG and the Supervisory Board of Freudenberg SE.

The Board of Management shares joint responsibility for the Group.
## KEY FIGURES
### FREUDENBERG GROUP

<table>
<thead>
<tr>
<th>[in million euros]</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales</td>
<td>10,038.7</td>
<td>11,753.1</td>
</tr>
<tr>
<td>Profit or loss before income tax</td>
<td>778.2</td>
<td>857.0</td>
</tr>
<tr>
<td>Consolidated profit or loss</td>
<td>587.1</td>
<td>639.6</td>
</tr>
<tr>
<td>Employees (12/31)</td>
<td>49,836</td>
<td>51,462</td>
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</tbody>
</table>

### Business Areas (Sales)

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seals and Vibration Control Technology*</td>
<td>5,135.4</td>
<td>6,067.1</td>
</tr>
<tr>
<td>Technical Textiles and Filtration*</td>
<td>2,413.4</td>
<td>2,760.2</td>
</tr>
<tr>
<td>Cleaning Technologies and Products*</td>
<td>1,140.2</td>
<td>1,285.4</td>
</tr>
<tr>
<td>Specialities*</td>
<td>1,593.1</td>
<td>1,902.2</td>
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### Employees (12/31)

<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seals and Vibration Control Technology</td>
<td>29,111</td>
<td>30,449</td>
</tr>
<tr>
<td>Technical Textiles and Filtration</td>
<td>11,227</td>
<td>10,943</td>
</tr>
<tr>
<td>Cleaning Technologies and Products</td>
<td>3,279</td>
<td>3,300</td>
</tr>
<tr>
<td>Specialties</td>
<td>6,219</td>
<td>6,770</td>
</tr>
</tbody>
</table>

* Including intra-company sales
Employee figures stated are as at the reporting date of December 31, 2022.

To improve legibility we have omitted the presentation of registered trademarks in this overview of the company.

Should we refrain from using different forms of language at the same time in this document, it is solely for the sake of legibility. In all cases, however, all genders - male, female and diverse (m/f/d) are included.