

GROUP PROFILE
FREUDENBERG GROUP

2024

THE FREUDENBERG GROUP

Freudenberg stands for high-quality creative technical solutions.

Together with its partners, customers and research institutions, the ten Freudenberg Business Groups develop leading-edge technologies and sophisticated services for some 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.

Life is full of Freudenberg. The Group's products are 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 offers customers in the passenger vehicle and commercial vehicle industries, mechanical and plant engineering, textile and apparel, construction, mining and heavy industry, energy, chemical, the oil

and gas sector, medical technology, civil aviation and rail vehicle sectors, as well as end consumers, excellent high-technology and innovative products and services.

Innovation strength, a strong customer focus, close cooperation, as well as diversity and team spirit are the cornerstones of the Group. The commitment to excellence, reliability and proactive, responsible action have been part of the company's core values as practiced for 175 years.

Social 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.

ORGANIZATION

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.

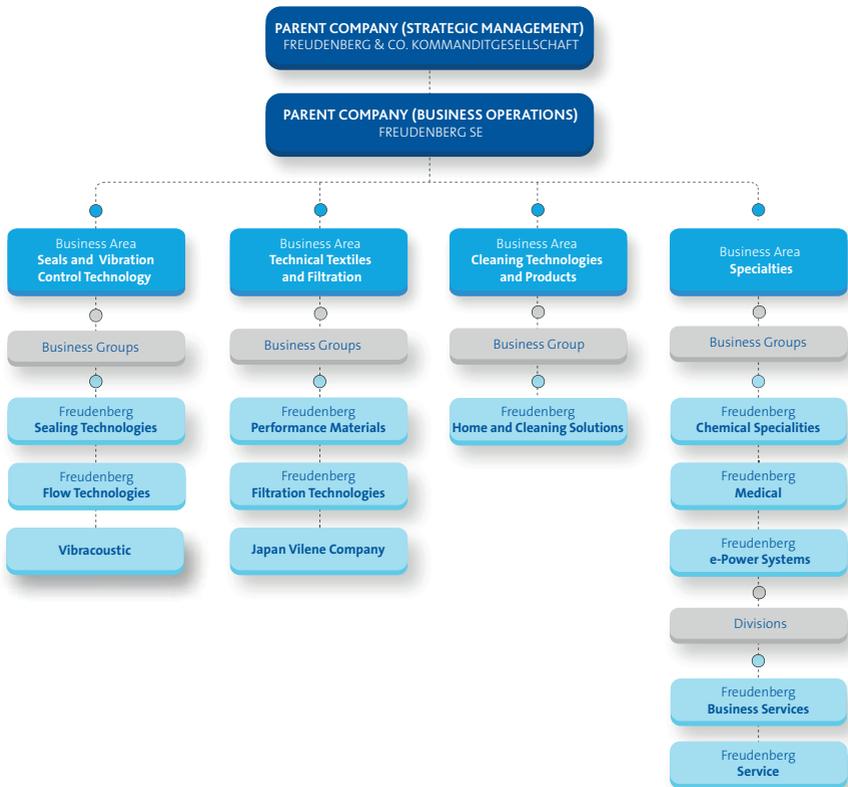
The corporate bodies of Freudenberg & Co. KG are the Management Board, the Board of Partners and the General Meeting.

The corporate bodies of 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.

The Business Groups are responsible for operational business.

Freudenberg is a family-owned company and currently owned by some 370 heirs to the founding father Carl Johann Freudenberg.



TECHNOLOGY AND DEVELOPMENT PARTNER

MOBILITY AND TRANSPORT

Whether by road, water, rail or air: Freudenberg helps motors and other systems 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, more sustainable and more comfortable.

INDUSTRY AND PRODUCTION

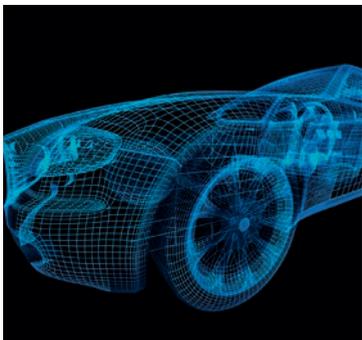
The competitiveness of industrial companies depends on the smoothest and most efficient production possible.

Reliable and customized components from Freudenberg help ensure high productivity and quality for the long term – whether through 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 extraction and transport is extremely challenging. The expansion of renewable energy calls for innovative applications. Freudenberg contributes to high functional reliability, long operating life and the best possible environmental protection throughout the energy industry.



IN MANY INDUSTRIES

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

Freudenberg technology is often used in efficient drinking water treatment.

HEALTHCARE AND FOOD PROCESSING INDUSTRY

The strictest hygiene standards must be met for healthcare products and food processing. High material competence and process reliability make Freudenberg a sought-after partner for customers in the medical technology, pharmaceutical and food industries. Our medical innovations simplify surgical procedures and improve wound treatment. In the food industry, we help process confectionery along with other food types.

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 are to be found in 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 indoor air clean.





Seals for e-mobility

FREUDENBERG SEALING TECHNOLOGIES

PRODUCTS/SERVICES

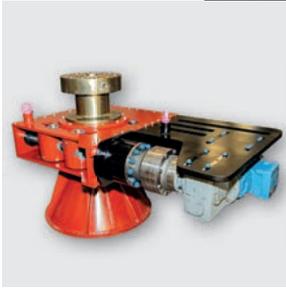
Static and dynamic seals (Simmerrings, O rings, and many more) for motors, transmissions, brakes, batteries, axles, steering and chassis suspension; for hydraulic and pneumatic systems, gas diffusion layers, electrolyzers, fuel cells, wind turbines; Plug&Seal, membranes, accumulators; products and materials for heat protection optimization in electric vehicles, e.g. thermal barriers, DIAvent and busbars; Freudenberg Xpress (Rapid Prototyping, spare parts, small series)

Freudenberg Sealing Technologies is a longstanding technology expert and global market leader for sophisticated and novel sealing technology applications in numerous diverse industries, especially in e-mobility and renewable energies.

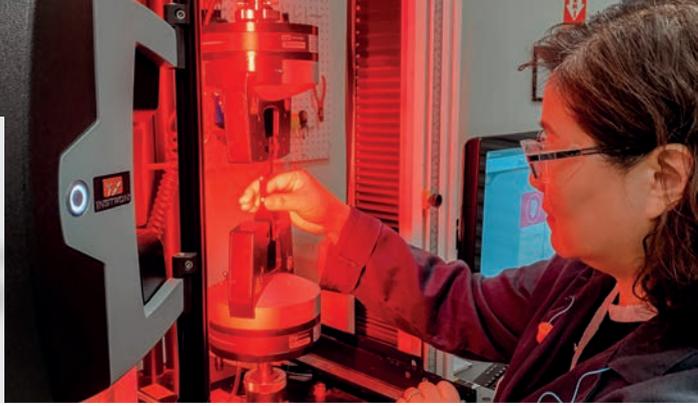
With its unique materials and technology expertise, the company is a proven supplier for demanding and complex products as well as a development and service partner to customers in the automotive industry and in general industries. Corteco is a specialist for the independent automotive spare parts market.

Freudenberg Sealing Technologies
 Höhnerweg 2–4
 69469 Weinheim
 Germany
 Phone: +49 6201 960 66 66
 Email: info@fst.com
 www.fst.com

SALES [€ million]	EMPLOYEEES
2,554.2	13,163



E-Connector



FREUDENBERG FLOW TECHNOLOGIES

Freudenberg Flow Technologies is a leading international manufacturer of industrial sealing technology. The Business Group with the strong EagleBurgmann brand develops, manufactures and markets a broad range of high-quality products for pumps, compressors, agitators and special machines. The sealing systems are used where safety and reliability are important, for example in renewable and alternative energies, in the (petro-)chemical industry and in refineries, in pharmaceuticals and food production, in power plants or water applications.

Freudenberg Flow Technologies offers its customers worldwide sealing solutions that enable entire branches of industry to operate more sustainably and become greener. A dense sales and service network ensures excellent customer proximity all over the world and is optimally complemented by digital offerings.

PRODUCTS/SERVICES

Liquid and gas-lubricated mechanical seals, seal supply systems, magnetic couplings, carbon floating ring seals, flat gaskets and stuffing box packings, compensators, component elastomer specialty seals, seals and sealing kits for RAM/annular blowout preventers, thermoplastic seals, seal stacks/components, metal-on-metal sealing solutions for offshore/underwater applications, TotalSealCare services

SALES [€ million]

1,068.7

EMPLOYEES

6,301

Freudenberg Flow
Technologies
Äußere Sauerlacher Str. 6–10
82515 Wolfratshausen
Germany



Synthetic support bearings

VIBRACOUSTIC

PRODUCTS/SERVICES

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

Vibracoustic is a global leading NVH (noise, vibration, harshness) expert for the automotive industry and provides customized solutions that offer more comfort, while contributing to efficiency, safety and the operating life of vehicles. Thanks to its know-how throughout 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.

Vibracoustic SE
 Höhnerweg 2-4
 69469 Weinheim
 Germany
 Phone: +49 6201 2757 0
 www.vibracoustic.com

SALES [€ million]	EMPLOYEES
2,678.6	10,284



Dripstop

FREUDENBERG PERFORMANCE MATERIALS

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 2023, the company generated sales of more than €1.4 billion. The company has 33 manufacturing sites in 14 countries and some 5,100 employees.

PRODUCTS/SERVICES

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

Freudenberg Performance
Materials Holding GmbH
Höhnerweg 2-4
69469 Weinheim
Germany
Phone: +49 6201 7107 007
Email:
info@freudenberg-pm.com
www.freudenberg-pm.com

SALES [€ million]	EMPLOYEES
1,427.7	5,071



spiderMaxx cassette filter

FREUDENBERG FILTRATION TECHNOLOGIES

PRODUCTS/SERVICES

Filter elements, system solutions and services for the filtration of intake and exhaust air in industrial processes and end-user applications; water and membrane filtration systems; cabin air filters for cars, buses and agricultural vehicles; engine intake air filters, filters for air purifiers as well as household and office devices; digital solutions; filter measurement technology; training and consulting

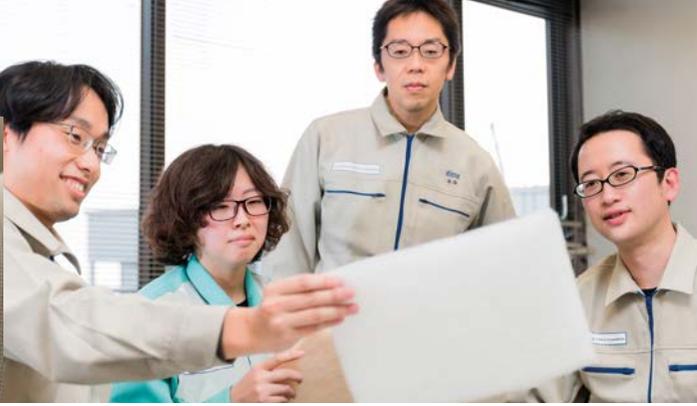
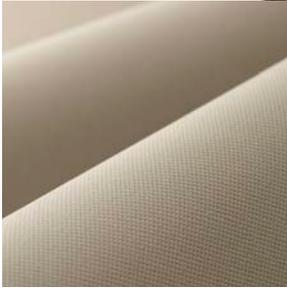
Freudenberg Filtration Technologies is a development, production and application specialist for air and liquid filtration. The Business Group's solutions help make its customers' industrial processes more efficient, conserve resources, protect people and the environment, and so help to improve the quality 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 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

SALES [€ million]	EMPLOYEEES
638.2	3,621



Headliner facings for the automotive industry

JAPAN VILENE COMPANY

Since its founding in 1960, Japan Vilene Company has been the leading nonwoven manufacturer on the Japanese market. The company’s motto, “Engineering Fabric Innovation” stands for longstanding material competence competence and extensive know-how in production processes and technologies as well as in nonwoven processing. Japan Vilene Company offers a broad product portfolio for various applications in the automotive, medical, electrical and industrial segments. The company’s business in automotive floor mats has also undergone global expansion.

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

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

SALES [€ million]	EMPLOYEES
521.8	2,334



Vileda Turbo

FREUDENBERG HOME AND CLEANING SOLUTIONS

PRODUCTS/SERVICES

Floor cleaning systems, household cloths, cleaning articles, household gloves, laundry care products such as ironing boards and clothes dryers, cleaning systems for professional applications, facemasks, trolleys

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 inter alia under the brand names Vileda, Vileda Professional, O-Cedar, Gimi, Oates, Gala, Wettex, Marigold and Vermop.

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

SALES [€ million]	EMPLOYEES
1,240.7	3,682



Coated brake caliper



FREUDENBERG CHEMICAL SPECIALITIES

Freudenberg Chemical Specialities is made up of the independently operating companies of Klüber Lubrication, Chem-Trend, SurTec, OKS and CAPOL.

Klüber Lubrication is a globally active manufacturer of specialty lubricants.

Chem-Trend is a supplier of release agents used in the production of molded parts from composite materials, rubber, plastic, 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.

PRODUCTS/SERVICES

Oils, greases, waxes, pastes, bonded coatings, dry and solid lubricants, anti-corrosion products, microencapsulation, chemo-technical maintenance products, hydraulic oils, cleaning agents, release agents for die casting; composites, rubber and polymer processing; products for surface pretreatment, industrial parts cleaning and electroplating; glazes, release and sealing agents for the confectionery industry, color pigments and natural aromas for confectionery processing

SALES [€ million]	EMPLOYEES
1,423.6	3,981

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



Multi-lumen extrusion

FREUDENBERG MEDICAL

PRODUCTS/SERVICES

Thermoplastic injection molding, silicone injection molding; silicone and thermoplastic extrusion, complex catheters for diagnosis and therapy; design, development, manufacturing, packaging, sterilization and technical services; coatings and surface treatments for medical devices including drug coatings for combination products

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

SALES [€ million]	EMPLOYEES
363.3	2,594



Battery pack



FREUDENBERG E-POWER SYSTEMS

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 some 830 employees.

PRODUCTS/SERVICES

*Fuel cells:
Hydrogen systems, LNG
systems, methanol systems*

*Batteries:
Battery packs, battery cells*

SALES [€ million]	EMPLOYEES
107.4	827

Freudenberg e-Power
Systems
Bayerwaldstrasse 3
81737 Munich
Germany
Email:
info@freudenberg-eps.com
www.freudenberg-eps.com



Standardized services

FREUDENBERG BUSINESS SERVICES

PRODUCTS/SERVICES

Purchasing of indirect materials and services; accounting; controlling; HR management, payroll; Freudenberg pension scheme; Center of Excellence for process management, lean and automation

As an internal service provider, Freudenberg Business Services bundles administrative activities across various units and regions. Freudenberg can thus leverage potential and generate efficiency benefits for large-scale, repetitive standard processes.

At the same time, this lightens the load on the Business Groups, allowing them to concentrate on their core business, their customers and markets.

Freudenberg Business Services KG
 Höhnnerweg 2–4
 69469 Weinheim
 Germany
 Phone: +49 6201 80-5630
 www.freudenberg.com

LOCATIONS	EMPLOYEES
China, Germany, USA	115



Weinheim works canteen



FREUDENBERG SERVICE

Freudenberg Service operates the industrial parks in Weinheim und Neuenburg. The division includes Freudenberg Service KG and Freudenberg Verpflegungsdienste KG, both companies located in Weinheim. Freudenberg Service offers customers a comprehensive range of services – occupational health and preventive healthcare, energy supply, information and communication technology, catering as well as emergency response services such as plant security and fire services.

With its own modern cogeneration plant (CCHP), 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.

PRODUCTS/SERVICES

Energy management; energy services; site security and fire services; occupational health and safety; occupational health management; information and communication technology; communication center; conferencing service; vocational training and professional development; catering; Carl Freudenberg winery; postal services; in-house printing

Freudenberg Service KG
 Höhnerweg 2–4
 69469 Weinheim
 Germany
 Phone: +49 6201 80-0
 Email:
info@freudenberg-service.de
www.industriepark-weinheim.de

LOCATIONS	EMPLOYEES
Germany	239

FREUDENBERG & CO. KOMMANDITGESELLSCHAFT

SERVICES

*Corporate functions:
Corporate Legal; Corporate
Tax and Customs;
Corporate Information
Technology; Corporate
Treasury and Finance;
Corporate Partners'
Relations; Freudenberg
Technology Innovation*;
Corporate Controlling and
Accounting; Corporate
Human Resources;
Corporate Strategic
Planning and Business
Development; Corporate
Health, Safety, Security,
Environment; Corporate
Communications;
Corporate Insurance*;
Corporate Audit;
Freudenberg Real Estate**

Freudenberg & Co. Kommanditgesellschaft is the strategic management company of the Freudenberg Group. It comprises the Management Board, the Board of Partners, the General Meeting and the Corporate Functions.

The Management Board takes decisions on fundamental strategic issues in 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 that do not form part of Freudenberg & Co. Kommanditgesellschaft.*

Freudenberg & Co.
Kommanditgesellschaft
Höhnerweg 2–4
69469 Weinheim
Germany
Phone: +49 6201 80-0
www.freudenberg.com

SITE GERMANY	EMPLOYEES
<i>Freudenberg & Co. Kommanditgesellschaft</i>	235
<i>* Corporate functions in independent companies</i>	294

FREUDENBERG SE

Freudenberg SE is the Freudenberg Group company responsible for managing business operations. It executes management's strategic decisions.

The corporate bodies of Freudenberg SE are the Board of Management, the Supervisory Board and the Shareholders' Meeting.

The Management Board of Freudenberg & Co. Komanditgesellschaft 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.



Freudenberg SE
Höhnerweg 2-4
69469 Weinheim
Germany
Phone: +49 6201 80-0
www.freudenberg.com

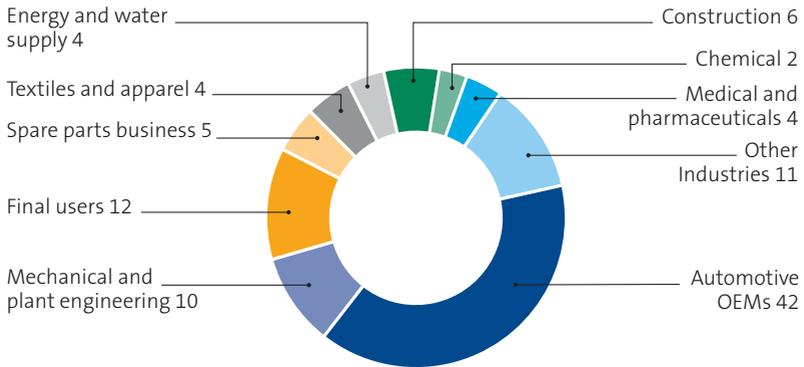
KEY FIGURES

FREUDENBERG GROUP

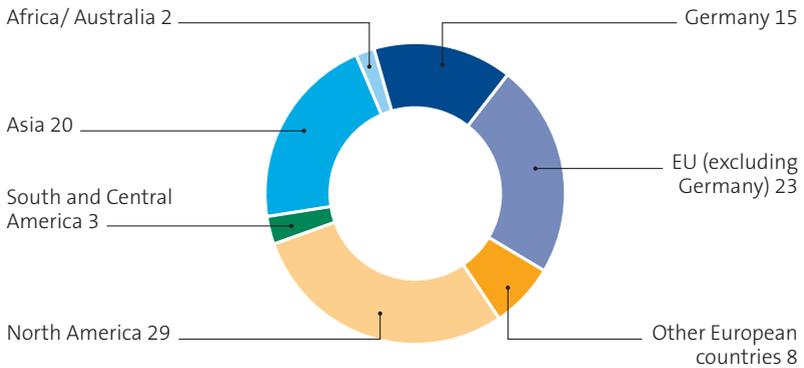
[€ million]	2022	2023
Sales	11,753.1	11,902.8
Profit before income tax	857.0	1,023.6
Consolidated profit	639.6	830.8
Employees (12/31)	51,462	52,241
Business Areas (Sales)		
Seals and Vibration Control Technology*	5,979.7	6,301.5
Technical Textiles and Filtration*	2,760.2	2,587.7
Cleaning Technologies and Products*	1,285.4	1,240.7
Specialties*	1,989.6	2,022.2
Employees (12/31)		
Seals and Vibration Control Technology	29,698	29,748
Technical Textiles and Filtration	10,943	11,026
Cleaning Technologies and Products	3,300	3,682
Specialties	7,521	7,785

* Including intra-company sales

SALES BY SECTOR [in %]



SALES BY REGION [in %]



Editorial information

Freudenberg Group
Höhnerweg 2–4
69469 Weinheim, Germany

Published by
Freudenberg & Co. Kommanditgesellschaft
Corporate Communications
Phone: +49 6201 80-0
CorporateCommunications@freudenberg.com
www.freudenberg.com

March 2024
Article No. FRE1065EN

Employee figures are stated as at the reporting date
of December 31, 2023.

To improve the readability of this Group Profile,
registered trademarks are omitted.

To improve the readability of this document, the language
forms male, female, diverse (m/f/d) are not used simultaneously.
All references to persons apply equally to all genders.