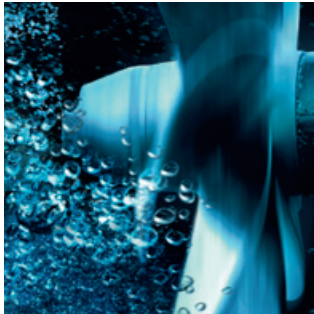


OFTEN INVISIBLE  
ALWAYS ESSENTIAL



A GLOBAL LEADER IN  
SEALING TECHNOLOGY

Freudenberg-NOK  
Sealing Technologies

# GLOBAL EXPERTISE WITH LOCAL REPRESENTATIVES



Freudenberg Sealing Technologies in the Americas is represented by Freudenberg–NOK Sealing Technologies (FNST), a joint venture partnership between Freudenberg & Co. in Germany and NOK Corp. in Japan. The company employs over 5,000 employees who are committed to customer satisfaction.

Established in 1989 to address the sealing needs of customers in the Americas, FNST has grown to become a leading supplier of oil seals, fluid power products, O-rings, special sealing products, gaskets, boots, integrated molded components, and engineered plastics, with approximately 20 locations in the United States, Canada, Mexico, and Brazil.

Today, as part of the FST global network, FNST maintains a leading-edge focus on the core competencies of sealing and elastomeric technologies. The company relentlessly pursues product and process perfection through proprietary lean manufacturing and Six Sigma programs. We are a valued development partner for OEMs, distributors, and system suppliers seeking reduced warranty and total costs and an innovative industry leader. In addition, we invest in our people and our communities through extensive training and community partnership programs.

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## FREUDENBERG

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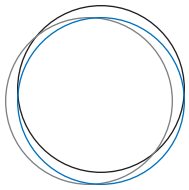
The Freudenberg Group is a Germany-based family company with over 40,000 employees, offering its customers technically unparalleled product solutions and services for over 165 years. It is comprised of 11 business groups, operating independently in diverse industries. The largest business group is Freudenberg Sealing Technologies with more than 17,000 employees, offering sealing solutions to OEMs and distributors spanning 32 market segments in Europe and the Americas.

With its partners NOK Corporation, Japan; Sigma Freudenberg NOK, India; and NOK–Freudenberg Group China, Freudenberg Sealing Technologies is a global organization that provides customers with high quality, custom-engineered products and processes that consistently meet exacting industry standards



# FREUDENBERG-NOK SEALING TECHNOLOGIES

YOUR STRATEGIC PARTNER IN SEAL SUPPLY

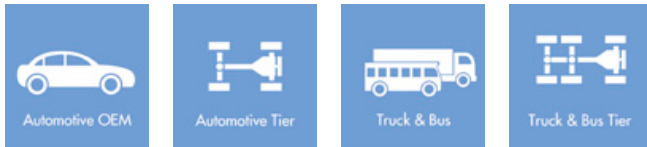


- Broad global expertise with extensive knowledge of local market demands
- Largest standard program, with more than 200,000 different seals
- Continuous innovation activities in all areas, including product design and production processes
- Highest quality standards for both standard and customized products (from raw material to finished product)
- Unique material expertise with more than 1,500 compounds/recipes
- Offering many value-added services, including VA/VE, FEA, and Freudenberg Xpress Custom Seals
- Co-engineering and support for identifying a variety of solutions based on the application needs
- Knowledgeable sales team, highly trained customer service, and engineering expertise



# MARKET EXPERTISE

## AUTOMOTIVE



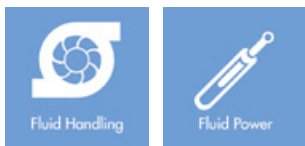
## AUTOMOTIVE AFTERMARKET



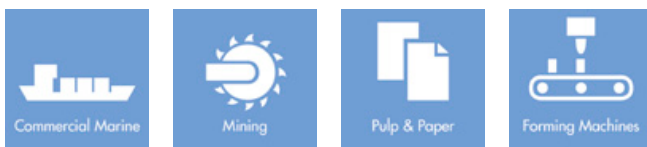
## DISTRIBUTION



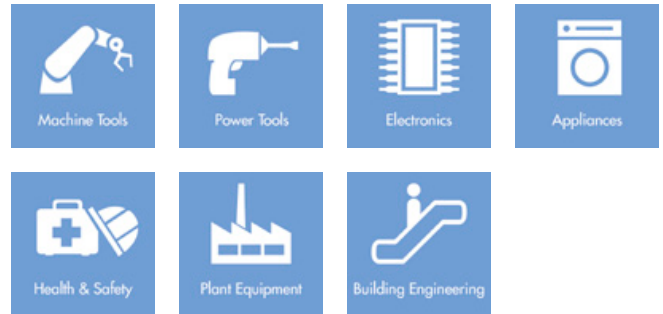
## FLUID TECHNOLOGY



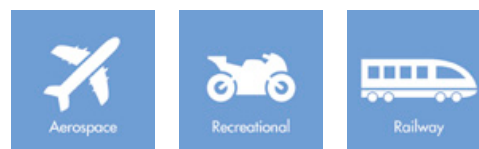
## HEAVY INDUSTRY



## INDUSTRIAL APPLICATIONS



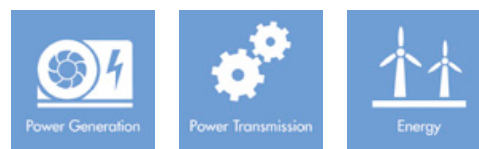
## MOBILITY



## MOBILE MACHINERY



## POWER



## PROCESS INDUSTRY



# PRODUCT PORTFOLIO

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## OIL SEALS

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Bringing you the latest in technology for standard or customized oil seals. With our special materials we can deliver reduced friction, increased temperature resistance, and much more. We offer the world's largest standard line of oil seals, including both inch and metric sizes.



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## FLUID POWER

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High reliability, low friction, and low wear are just some of the features we offer to meet your demands. With robust designs and the highest quality standards, we provide reliable operation and ensure long service life.



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## O-RINGS

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Whether you need specialized seals or off-the-shelf standard seals, we have it. Consider us as your source for specialty polymers, high-temperature performance, and chemical resistance application requirements.



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## BOOTS & MOLDED COMPONENTS

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With the ability to bond rubber to metal, plastic, and composite materials, we are able to tackle your application requirements. A wide variety of materials with diverse manufacturing processes enables us to take the lead on developing these types of products.



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## SPECIAL SEALING

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We do not stop at standard. Try our specialty sealing products: custom shapes, bellows, fuel system parts, diaphragms, and an abundance of other products. Innovation is key when it comes to special sealing and Freudenberg-NOK Sealing Technologies has it.



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## HEAVY-DUTY HYDRAULICS

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We offer an array of products that survive even the most adverse conditions. If your application calls for higher pressures, severe temperatures, chemical resistance, or other extreme conditions, we provide superior durable products.



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## GASKETS

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Edge-bonded, custom elastomeric, and embossed gaskets are just the beginning. We develop unique materials for individual customer requirements and specific applications, in addition to industry standards.



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## ENGINEERED PLASTICS

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Engineered plastic components provide economical and high-performance solutions. We offer a wide variety of designs delivering excellent temperature and pressure resistance, operating in a variety of chemical environments.



**Freudenberg–NOK Sealing Technologies**

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