**Strong Seals for Tough Applications**

**Corteco, the aftermarket unit of Freudenberg Sealing Technologies, broadens its portfolio in the heavy-duty segment**

**Weinheim, June 13, 2024. Corteco focuses on seals in more detail than most other aftermarket companies. As part of the technology and sealing expert Freudenberg Sealing Technologies, Corteco is diversified and well positioned for the demanding independent aftermarket within the heavy-duty sector. A market in which Corteco is progressively increasing its presence. The product range will see further expansion with additional product groups in 2024.**

Corteco’s products for the heavy-duty aftermarket currently focus on radial shaft seals that have been specially engineered for the rigorous demands of construction and agricultural machinery and other heavy-duty applications. Through this focused approach, Corteco, as Freudenberg Sealing Technologies’ aftermarket unit, has consistently grown its footprint in the heavy-duty market in recent years. The future also looks promising with the addition of new product families, such as accumulators, to the aftermarket delivery program for the heavy-duty sector in 2024. “Applying the quality of series production directly to the independent aftermarket is not an additional expenditure for us, it’s a logical consequence. We benefit from our wide-ranging experience and the very strict requirements of series development, especially in the automotive sector. These can also be applied perfectly to the heavy-duty market. That is why we will continue to expand our range in this area,” says Dr. Christian Dickopf, Senior Vice President at Freudenberg Sealing Technologies, who is responsible for Corteco.

**Heavy-duty applications with special requirements**

There are no all-encompassing solutions for the diverse needs in the heavy-duty segment: Each application must be considered on its own. That is why the company’s extensive experience in the automotive and truck industries comes in handy.

This philosophy is reflected in the product quality, which is tested under extreme conditions. Freudenberg Sealing Technologies goes above and beyond the requirements of the individual OEMs. The test field in Weinheim is also unique in the industry. With over 300 test rigs, it is the largest of its kind in the world. Here, seals and other products endure simulated conditions to ensure their performance beyond a 300,000-kilometer lifespan.

“The individual OEMs have different requirements – all of them are high” says Robert Leins, Head of the test field at Freudenberg Sealing Technologies. “For us, it’s always a matter of transferring the reality into our laboratory and reproducing it in fast motion. An average test cycle is completed here in 240 hours.”

Heavy-duty seals must resist not only mechanical stress but also extreme temperature variations, chemical exposures, and UV radiation. These exhaustive tests ensure the products’ readiness for all real-life applications.

**Customers reward commitment**

The company is also active in research: Freudenberg Sealing Technologies regularly fields inquiries from new segments such as e-mobility and shipbuilding. The test rigs can even replicate conditions such as speeds up to 36,000 rpm or shaft diameters reaching one meter. It is always particularly important to consider the entire tribological system, according to Robert Leins. A robust and long-lasting sealing solution emerges only when all components synergize.

The customers of both Freudenberg Sealing Technologies and Corteco value this commitment: The demand for premium products in the heavy-duty and aftermarket segments is steadily climbing. Product reliability remains a key priority.

“A seal that costs just a few euros will protect an investment worth several hundred thousand. So why compromise when you can rely on proven series technology?” Dickopf concludes.

With a strong commitment to quality and innovation, Freudenberg Sealing Technologies, through Corteco, asserts its position as one of the leading suppliers of sealing solutions in the heavy-duty aftermarket segment.

*Photo**:* *Freudenberg Testfield.jpg / © Freudenberg Sealing Technologies*

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**About Freudenberg Sealing Technologies**

Freudenberg Sealing Technologies is a longstanding technology expert and market leader for sophisticated and novel applications in sealing technology and electric mobility solutions worldwide. With its unique materials and technology expertise, the company is a proven supplier for demanding products and applications, as well as a development and service partner to customers in the automotive industries and in general industries. In 2023, Freudenberg Sealing Technologies generated sales of about 2.55 billion euros and employed more than 13,000 people. More information at [www.fst.com](http://www.fst.com).

The company is part of the global Freudenberg Group which has four business areas: Seals and Vibration Control Technology, Nonwovens and Filtration, Household Products as well as Specialties and Others. In 2023 the Group generated sales of more than 11.9 billion euros and employed more than 52,000 associates in around 60 countries. More information is available at [www.freudenberg.com](http://www.freudenberg.com).

**About Corteco**

Corteco is one of the leading suppliers of components for the Independent Automotive Aftermarket. As a member of the global Freudenberg Group, we supply over 26,000 products in OEM quality. Independent garages trust in Corteco spare parts and therefore benefit from the original quality made by Freudenberg. Corteco has manufacturing plants/ distribution centres in over 15 different countries, but through the Freudenberg Group, we reach customers in 60 countries around the world.

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