

Premium technologie meets premium service

FORGING STRONG PARTNERSHIPS

FROM OEM COLLABORATION TO AFTERMARKET EXCELLENCE

Otto Olsen is as a trusted local partner and supplier to numerous OEM enterprises within Norway's maritime sector and General Industry. Providing spare parts for servicing and aftermarket needs in close co-operation with product development. By merging Otto Olsen's extensive technical know-how with premium FST sealing products, end customers can rest assured that critical applications meet the highest standards for quality and performance.



SERVICE PORTAL

THE RIGHT SERVICE FOR EVERY CHALLENGE

Expertise in all process areas, from research and development, materials, and manufacturing to customer-oriented sales: this is our guarantee for the unique know-how of Freudenberg Sealing Technologies and its product range of the highest quality. Conveying this knowledge directly and transparently to customers is the goal of the services provided – both offline and online. Check out the wide range of available services on our website which is continuously expanding.



fst.com/services

CIRCUMFERENTIAL SEAL RADIAMATIC

TO US, LEAKAGE IS A FOREIGN WORD

Freedom from leakage is not only a „must“ for drive shafts in Shipping or Heavy Industries. There are other key factors in addition to the required high functionality: cleanliness, robustness, ease of installation and above all the quick availability of shaft seal rings, for example, in the steel industry. Freudenberg Sealing Technologies has risen to these challenges and provides made-to-order shaft seal rings with the maximum leak tightness and reliability for a wide range of applications.



fst.com/products/dynamic-seals/radiamatic-shaft-seals/

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ENSURING TRACEABILITY – AND QUALITY ASSURANCE

Otto Olsen has invested heavily in modern warehouse systems and facilities to offer full traceability of all sealing and elastomer products supplied to customers. A significant part of the customer base is reliant on certifications and additional documents to accompany their orders.

Equipped with cutting-edge capabilities, Otto Olsen conducts optical geometric scanning, 3D scanning, and PMI testing in-house, leveraging fully certified equipment. Within the production unit, they fashion prototypes for rigorous testing of sealing profiles and materials, a vital step preceding serial production. Collaborating with FST, comprehensive testing services are offered, an alliance aimed at securing optimal and reliable solutions.

EXPERTISE THROUGH KNOWLEDGE SHARING

In pursuit of knowledge sharing and staying attuned to customer needs, Otto Olsen hosts training courses both locally and at customer sites, together with FST. These sessions aim to share the latest technology insights and best practices for seal installation and maintenance.

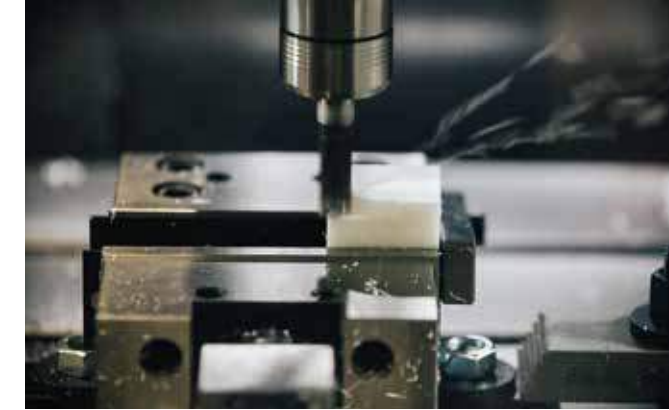
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FREUDENBERG
PREFERRED PARTNER

FREUDENBERG
SEALING TECHNOLOGIES

 **FREUDENBERG**
INNOVATING TOGETHER



OTTO●●OLSEN



PREMIUM TECHNOLOGY MEETS
PREMIUM SERVICE

OTTO●●OLSEN

 **FREUDENBERG**
INNOVATING TOGETHER



AN UNPARALLELED LEADER IN SEALING SOLUTIONS

COMBINATION OF LONGSTANDING ENGINEERING AND MARKET KNOW-HOW WITH UNIQUE MATERIAL EXPERTISE

Freudenberg Sealing Technologies (FST) is the largest business group in the Freudenberg Group with some 13.500 employees and is part of the Seals and Vibration Control Technology business area. As a technology expert and global market leader for sealing technology, Freudenberg Sealing Technologies is a reliable supplier and professional development and service partner to industry. The company acts as a trusted partner to its customers, for example in the automotive industry, civil aviation, mechanical engineering and shipbuilding, the food and pharmaceutical industries, and the agricultural and construction machinery industries.

Based on their knowledge of engineering and the market acquired over many years, the sealing experts find the right solution for all sealing requirements. Worldwide production and warehouse locations as well as a network of strong Distribution partners enable outstanding product availability. In addition, customers benefit from an extensive portfolio of product-related, logistics and online services.

The Freudenberg brand stands for more than 170 years of experience in engineering and materials, which along with top-quality and innovative sealing solutions, is the basis for Freudenberg Sealing Technologies being at the forefront of technology and innovation leadership. To complete its range the Dichtomatik brand offers sealing products that reliably meet common industry standards and that are manufactured by certified external suppliers.

OUR STRENGTHS AT A GLANCE

- **Broad global competencies with an extensive knowledge of local market demands**
- **One of the world's largest standard programs with more than 200.000 different seals**
- **Unique material expertise with more than 1.800 recipes and 1.000 raw materials**
- **Highest quality standards for production and customized products (from raw material to finished product)**
- **Commitment to continuous innovation as a foundation for the future success of our customers**
- **Value adding services such as Freudenberg Xpress®**
- **Co-engineering and ongoing support for identifying various technical solutions**
- **Local expertise and technical support**
- **Globally certified materials for the food, beverage and pharmaceutical industries**

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FIRST CLASS IN SEALING QUALITY AND SELECTION OF PARTNERS

HIGHLY QUALIFIED DISTRIBUTORS WHO GIVE CONFIDENCE

With an exclusive partnership based on consistency, technological know-how, and sound market experience, Freudenberg Sealing Technologies created a sustainable and long-term partnership with select distributors. Our partners have the same quality standards, are competent specialists, and share the values of Freudenberg Sealing Technologies. Four fundamental pillars underpin this concept and offer unique benefits for customers and distributors.

EXCLUSIVITY IN PARTNERSHIP

Quality before quantity. Freudenberg Sealing Technologies works worldwide with selected sales partners who live and share the same values.

SUCCESS THROUGH CONSISTENCY

Due to the development of equal partnerships, a unique range of value-added services for our customers could be created. Shared experience and competencies perfect the cooperation between Freudenberg Sealing Technologies and its partners. This consistency pays off. Many partners from the very beginning are still part of the global distributor network today.

SHARED KNOW-HOW

As the world market leader, Freudenberg Sealing Technologies has been setting standards in sealing technology and consulting for decades. With the logistical know-how of our partners and their market expertise in sales, we can offer a high-performance product and service program that represents a unique selling point in the market.

RELIABLE QUALITY

Our sales partners and customers can rely on the Freudenberg premium quality – at all times and in every respect. Reliability and durability of sealing technology guarantee high customer satisfaction.

FREUDENBERG PREFERRED PARTNER

FREUDENBERG SEALING TECHNOLOGIES



YOUR BENEFITS

- **A strong brand**
World-Leading: premium market leader Freudenberg products and Dichtomatik seals fulfilling common industrial standards for your complete sealing needs 
- **Reliable logistics**
Dependable: reliable, fast delivery performance thanks to modern logistics and local warehouses 
- **Customer-oriented organization**
Partnership-based: active support in consulting and analysis of sealing applications – even on-site 
- **First-class quality**
Unbeatable: lasting and durable “Freudenberg” product quality for total customer satisfaction 
- **Technical competence**
Unrivaled: with our innovative and market-leading seal technology we are always one step ahead 
- **Rapid Prototyping**
Flexible: Freudenberg Xpress® service offers fast and economic prototyping without the time or cost-intensive tooling production 

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SUPPORTIVE: MULTIPLE SERVICES PROVIDE ADDITIONAL ASSISTANCE IN THE DAILY HANDLING OF OUR SEALS

OTTO OLSEN – 150 YEARS OF TECHNICAL EXPERTISE

Otto Olsen boasts an extensive track record of technical excellence dating back to 1866. They offer a diverse range of products to various industries in Norway. The solutions, sourced from leading suppliers and developed through in-house production, offer great flexibility, exceptional service, and short leadtimes. The essence of Otto Olsen's ethos lies in the combination of availability and product development.

- Sealing technology
- Technical plastics and composites
- Gaskets and moulded elastomer products
- Hydraulic hoses and prefabricated piping
- EMI and Thermal elastomer products
- Drive technology and bearings



With over 60.000 unique items in stock, Otto Olsen offers a wide range of industrial products that are essential for the general industry in Norway. Besides their Head Quarter, which is located near Oslo, they maintain a dedicated service and sales division in southern Norway, catering to local maritime and offshore clientele. Their B2B webshop gives their customers the opportunity to shop at any time the extensive range of FST products, 24/7.

