

Your Partner for Sealing Technology



Welcome to the World of Trelleborg Sealing Solutions

SEALING TECHNOLOGY

Trelleborg Sealing Solutions offers an outstandingly comprehensive sealing portfolio – a one-stop-shop providing the best in elastomer, silicone, thermoplastic, PTFE and composite technologies; solutions that feature in virtually every application conceivable within the aerospace, industrial and automotive industries.

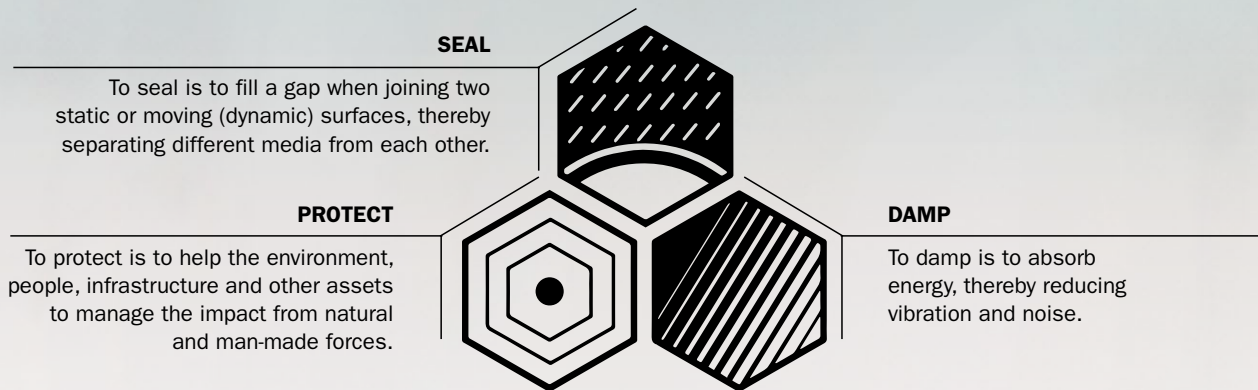
A WORLDWIDE PRESENCE

We are uniquely placed to offer a dedicated design and development service for sealing solutions; globally servicing, supporting and supplying customers through an unrivaled international network.

LONG-TERM COMMITMENT TO CUSTOMER NEEDS

Trelleborg Sealing Solutions is one of the world's foremost exponents of polymer sealing technology. Using our expertise and experience, we facilitate customers in achieving cost-effective, durable solutions that match their specific business requirements.



SEAL, DAMP AND PROTECT**THE TRELLEBORG GROUP****TRELLEBORG INDUSTRIAL SOLUTIONS**

is a leading supplier of polymer-based critical solutions in selected industrial application areas and infrastructure projects.

**TRELLEBORG SEALING SOLUTIONS**

is a leading developer, manufacturer and supplier of precision seals, bearings and custom-molded polymer components. It focuses on meeting the most demanding needs of aerospace, automotive, health-care & medical and general industrial customers with innovative solutions.

**TRELLEBORG WHEEL SYSTEMS**

is a leading global supplier of tires and complete wheels for off-highway vehicles and specialty applications.

**Protecting the Essential**

Protecting the essential via sustainability improvement is vital for Trelleborg's long-term value creation, and spans the entire sustainability area, from environment, health and safety issues to compliance and ethical relationships with employees, customers, suppliers, local communities and society as a whole. Our sustainability focus areas are Operations, Compliance, and Social engagement.



Watch our
sustainability video

www.trelleborg.com/sustainability



Reducing our Carbon Footprint

Trelleborg Group has a target of “50 by 25,” entailing that the Group will reduce its CO₂ emissions by 50 percent relative to sales by 2025 based on 2020 emissions, and a vision of net zero emissions by the end of 2035.



Read our
sustainability report

www.trelleborg.com/sustainability

Our Global Resources

Our global reach and local teams mean Trelleborg Sealing Solutions is able to support you in your timezone and language, wherever you are.

DESIGNED TO BENEFIT OUR CUSTOMERS

The design and setup of our manufacturing network centers on flexibility. Each site specializes in multiple capabilities with versatile floor plans that enable rapid rearrangement. Our agile production areas, combined with the use of custom-built equipment and in-house tooling, results in an efficient and consistent manufacturing process.

- In-house laboratories enable R&D to work concurrently with manufacturing, reducing time to market.
- Flexible floor designs allow rapid scale up to meet changing production requirements.
- Multiple manufacturing sites, specializing in different technologies, are designed to quickly adapt their production capabilities to support our customers' ever-changing needs.
- In-house tool rooms enable our team to develop, inspect, and quickly repair tools to ensure high-quality parts with high yields.
- Automation and quality checks assure quality and consistency in production runs, increase product yield, and reduce total cost of ownership.



Scan the QR code to contact your local Customer Solution Center.

www.trelleborg.com/seals/worldwide



Green Energy

Energy Excellence is a long-term Trelleborg initiative, focusing on reducing energy consumption and its climate impact.

10.3% of energy consumption was renewable in 2020.

ServicePLUS

When you partner with Trelleborg Sealing Solutions through our ServicePLUS program, you can focus on your core business while we focus on ensuring all of your value chain needs are covered. We concentrate on business activities, which typically offer the largest resource saving opportunities.



ServicePLUS

The needs of every customer are different and we recognize that. Our ServicePLUS team work with you to understand different aspects of your business and creates a service package to meet your needs.



ENHANCED SUPPLY CHAIN

Strengthen core business processes

ServicePLUS ensures products are available when and how you need them.



ENGINEERING

Optimize Product & Application Performance

ServicePLUS supports a full range of engineering activities.



MANUFACTURING

Maximize Production Throughput

ServicePLUS streamlines your manufacturing processes.



AFTERMARKET

Boost Customer Care

ServicePLUS for the aftermarket ensures your customers get the support they need.

ADDITIONAL SERVICES

Trelleborg experts collaborate with you to develop game-changing products and materials, providing project management and qualification, testing and engineering services.



PROJECT MANAGEMENT & QUALIFICATION

- Comprehensive project management
- From development to serial production and product introduction



TESTING

- Nine research and development centers globally
- World class material and product testing equipment
- Analytical laboratories



ENGINEERING

- State-of-the-art CAD tools
- Experienced designers
- On-site support at customer facilities
- Dedicated project management
- FEA modeling
- Prototyping
- Custom-made solutions



Visit our website – See the Movie

To learn more about ServicePLUS, our portfolio of services and how we can simplify your business, visit:

www.trelleborg.com/seals/serviceplus

Products, Brands & Materials

Decades of experience designing and manufacturing polymer solutions has led Trelleborg Sealing Solutions to develop, manufacture and supply a range of unique materials and proprietary product designs, many of which have become industry standards. Development is ongoing, ensuring that our solutions meet the changing needs of our customers, as well as the latest industry trends and regulations.

PRODUCTS



Fluid Sealing Systems



Static Seals



Bearings & Bushings



Rotary Seals



Medical Components



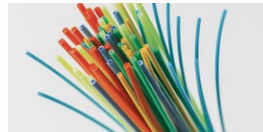
Pneumatic Seals



O-Rings



Assembly Units



Tubing & Hose



Engineered Molded Parts



Brake Shims, Tuned Absorbers, Rubore® Seals



Liquid Silicone Rubber (LSR)



FlatSeal™ Gaskets



Customized Aerospace Sealing



Mechanical Face Seals (Heavy Duty Seals)

WORLD RENOWNED NAMES

We own many of the longest established and leading names within the seal industry. These include:

- American Variseal
- Automated Dynamics
- Busak+Shamban
- Dowty Seals
- Chase Walton
- Forsheda
- GNL
- Impervia
- Nordex
- Orkot
- Palmer Chenard
- Polypac
- SSF
- SF Medical
- Shamban
- Silcofab
- Silcotech
- Sil-Pro
- Skega
- Stefa
- Wills

PROPRIETARY MATERIALS

Ongoing development has yielded some of the most successful sealing and bearing materials available:

- HiMod®
- Isolast®
- Turcite®
- Turel®
- HiPlast®
- Orkot®
- Turcon®
- Zurcon®



Scan the QR-Code or visit our website to find out more about our portfolio of solutions for industry-specific needs and applications.

www.trelleborg.com/seals/products-and-solutions



Energy Excellence Program

Energy Excellence is an ongoing program to identify ways to reduce our manufacturing energy consumption.

We have designated Sustainability Ambassadors throughout the organization.



Aerospace



Agriculture



Automotive



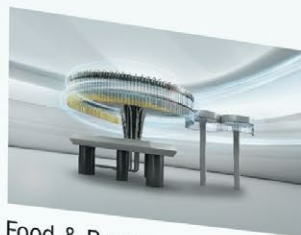
Construction & Mining Equipment



Fluid Power - Hydraulics



Fluid Power - Pneumatics



Food & Beverage



Healthcare & Medical



Manufacturing & Machine Tools



Marine Equipment & Construction



Oil & Gas



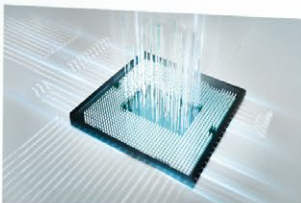
Processing Equipment



Renewable Energy & Power Generation



Robotics



Semiconductor



Water & Sanitary



Solar Power

By installing solar panel arrays on some of our facilities, we have reduced our reliance on external electricity sources and reduced our carbon footprint.

671 MWh of solar generated electricity produced



Accelerating Performance in your Industry

Our vast experience in projects and solutions that range from space to seabed, combined with a focus on global trends, means we understand your business and the industry-specific challenges you face.

Based on our expertise and long-standing involvement in sealing applications, we provide custom-made sealing and bearing solutions, developed to meet the specific requirements of your industry.

Trelleborg's high-performance sealing solutions ensure extended equipment life, reduced downtime and lowered overall cost of ownership. Our experts work collaboratively to design and develop the optimum sealing solution to meet customers' application needs, from concept to serial production and beyond.



Accelerating performance in your industry

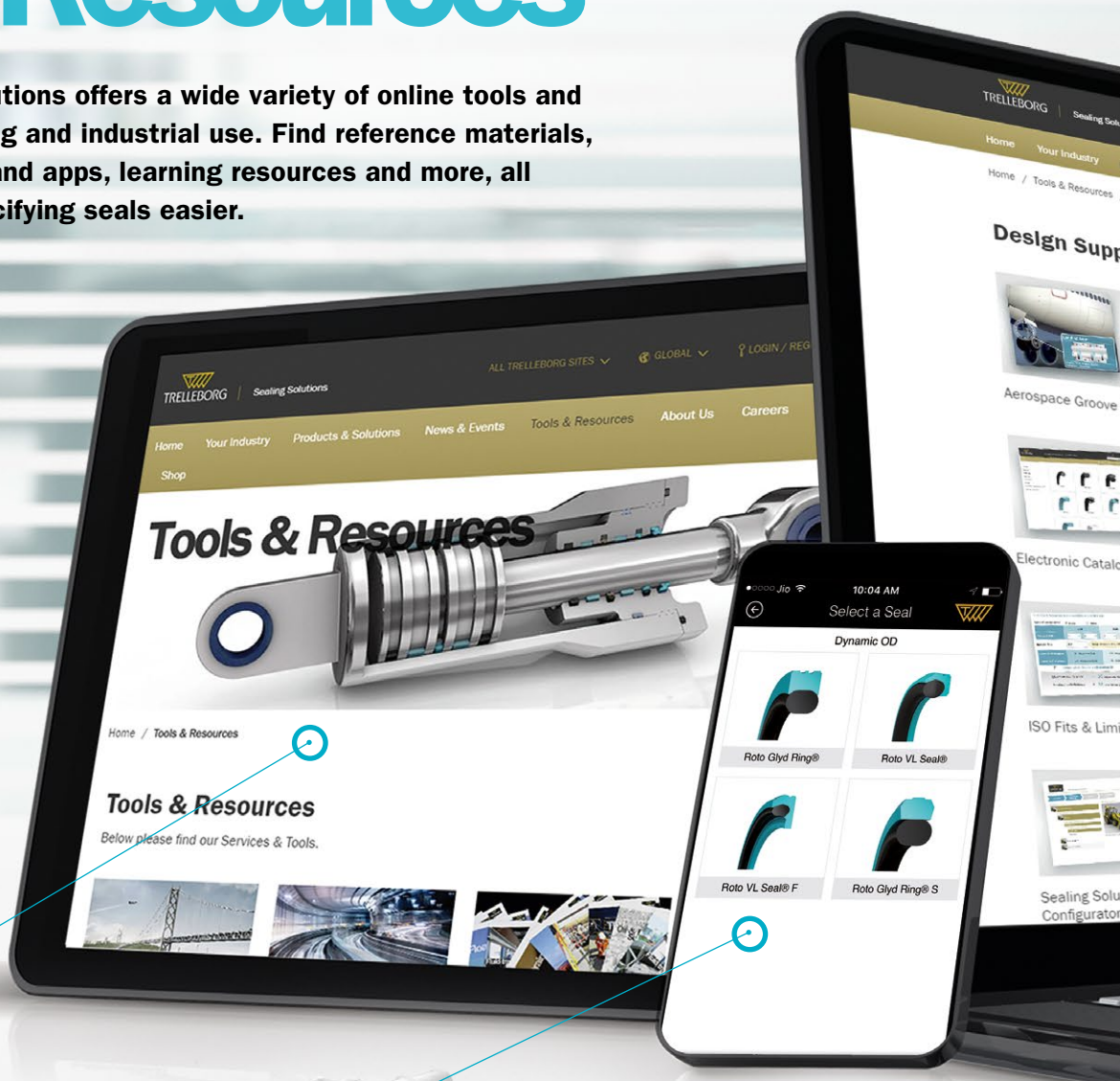
Scan the QR-Code or visit our website to find out more about our custom-made solutions for your industry.

www.trelleborg.com/seals/your-industry



Online Tools & Resources

Trelleborg Sealing Solutions offers a wide variety of online tools and services for engineering and industrial use. Find reference materials, interactive web tools and apps, learning resources and more, all designed to make specifying seals easier.



Technical Library

Our Technical Library offers you a collection of webinars, whitepapers and articles covering various topics in the world of seals and sealing technology.

Mobile Tools & Apps

Our range of innovative engineering apps include an Area and Volume Calculator; Unit and Hardness Converter; Mechanical Engineering Calculator; as well as specialist application selectors.



Accelerating Social Engagement

Trelleborg engages with the community wherever the Group operates. Some of our most visible programs are in countries where the initiatives make the greatest difference, including Sri Lanka and China, where youth development is supported through school projects.

More than 240 initiatives launched globally

Discover the Electronic Catalog online as an app or on our website



Electronic Catalog

The electronic catalog is a user-friendly service that connects you to the broad range of products Trelleborg Sealing Solutions offers. The products are arranged based on product type and product group, making it easy to find the one you need. Many functions are also included within the electronic catalog that allow you to understand product capabilities, compare similar seals, request a quote and much more.

Seals-Shop.com

Trelleborg's Seals-Shop is the online solution for fast and easy procurement of a wide range of high-performance seals, including Rod and Piston Seals, Scrapers, Radial Oil Seals and simple O-Rings.

CAD Service

Our CAD Service offers easy access to technical drawing downloads. Create 2D and 3D drawings quickly and easily, then choose how to receive the CAD files.

O-Ring Calculator

The online O-Ring Calculator provides a quick and easy way to calculate O-Ring dimensions and the appropriate housing layout in accordance with the international O-Ring standard ISO 3601.

Sealing Solutions Configurator

The configurator provides you with the most suitable solutions for your application. Just select the industry and application, enter the operating parameters and we will provide you with our recommended sealing solutions.



Discover our wide range of tools and apps at
www.trelleborg.com/seals/resources



Protecting the Essential

Protecting the essential via sustainability improvement is vital for Trelleborg's long-term value creation, and spans the entire sustainability area, from environment, health and safety issues to compliance and ethical relationships with employees, customers, suppliers, local communities and society as a whole. Our sustainability focus areas are Operations, Compliance, and Social engagement.

10.3% of energy consumption was renewable in 2020

Trelleborg's vision is to become carbon neutral by the end of 2035

Transition to renewable energy sources

Proud to be part of the UN Global Compact Program since 2007



Scan the QR-Code or visit our website to find out more about protecting the essential.

www.trelleborg.com/sustainability



Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way.

Trelleborg Sealing Solutions is a leading developer, manufacturer and supplier of precision seals, bearings and custom-molded polymer components. It focuses on meeting the most demanding needs of aerospace, automotive and general industrial customers with innovative solutions.

WWW.TRELLEBORG.COM/SEALS



facebook.com/TrelleborgSealingSolutions
twitter.com/TrelleborgSeals
youtube.com/TrelleborgSeals
linkedin.com/company/trelleborg-sealing-solutions
instagram.com/trelleborgsealingsolutions

If you'd like to talk to Trelleborg Sealing Solutions, find your local contact at: www.trelleborg.com/seals/worldwide