



# Welcome to the World of Trelleborg Sealing Solutions



# Connect With Us About Our Solutions

**At Trelleborg Sealing Solutions, we understand that innovation thrives on collaboration. That's why we partner with customers to tackle tomorrow's toughest challenges head-on.**



By combining your expertise with our proven leadership in polymer technology, we create tailored, high-performance solutions that empower your equipment and processes to excel. From cutting-edge seals to advanced polymer components, our commitment is to deliver precision-engineered products designed to meet your unique needs, drive your success and secure your competitive edge. Together, we can shape a more efficient and sustainable future.

#### **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.

#### **A WORLDWIDE PRESENCE**

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

#### **SEALING TECHNOLOGY**

Trelleborg Sealing Solutions offers an outstandingly comprehensive portfolio of polymer components – 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.

## **THE TRELLEBORG GROUP**

### **TRELLEBORG INDUSTRIAL SOLUTIONS**

Trelleborg Industrial Solutions is a leading supplier of polymer-based critical solutions in selected industrial applications and infrastructure projects.

### **TRELLEBORG MEDICAL SOLUTIONS**

Trelleborg Medical Solutions is a leading global supplier of polymer-based integrated solutions for medical and life science.

### **TRELLEBORG SEALING SOLUTIONS**

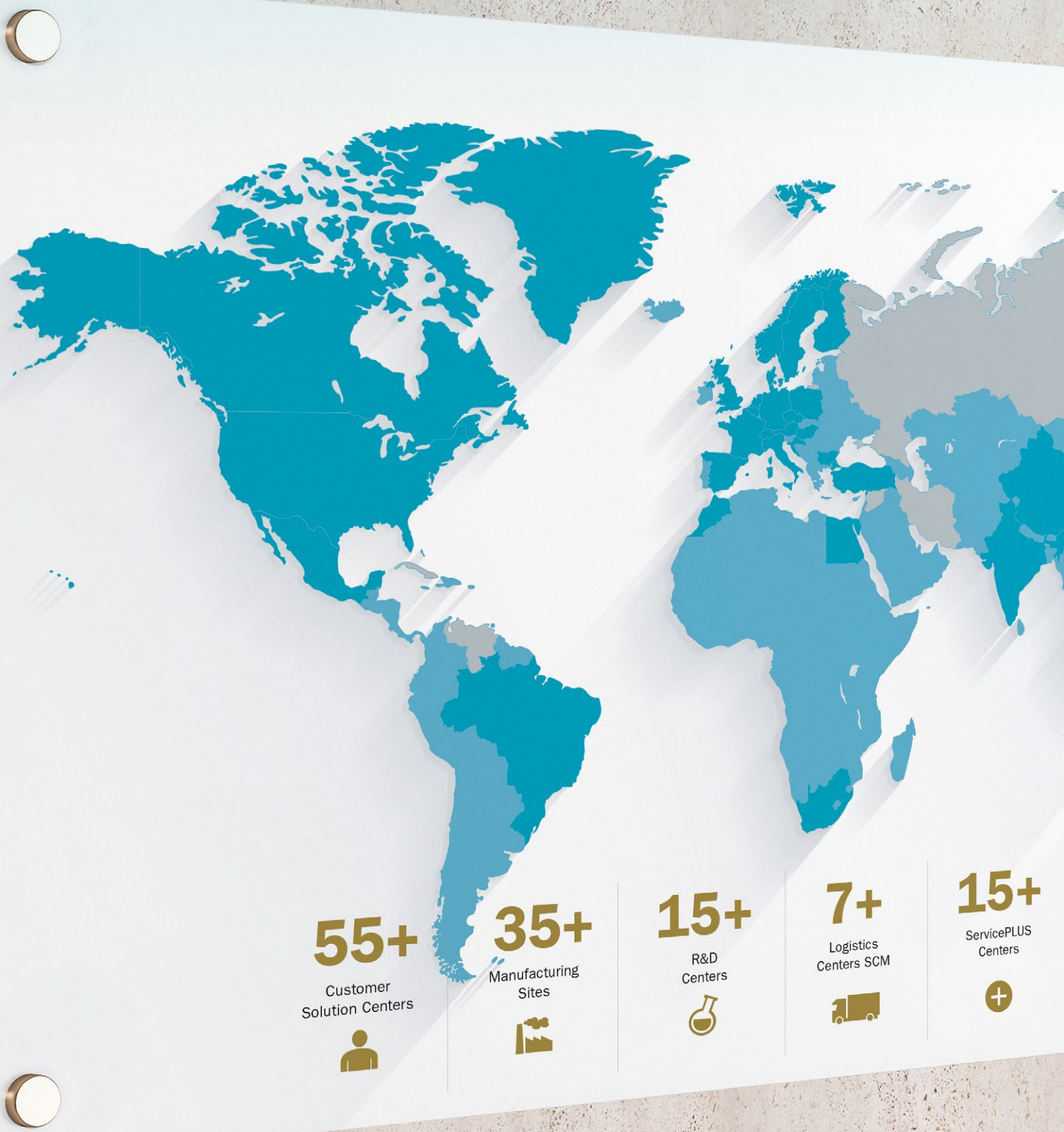
Trelleborg Sealing Solutions is a leading global supplier of polymer-based critical sealing solutions and components deployed in aerospace, automotive and diversified industrials.



#### **Connect with us**

Reach out today to start building the solutions of tomorrow.

[www.trelleborg.com/seals/contact-form](http://www.trelleborg.com/seals/contact-form)



# We Are Where You Are

**At Trelleborg Sealing Solutions global reach and local teams mean we are 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, result 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](http://www.trelleborg.com/seals/worldwide)



# ServicePLUS

The PLUS for your business

**You can focus on your core business while we focus on ensuring all of your value chain needs are covered through our ServicePLUS program. 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 works with you to understand different aspects of your business model and then creates a service package to meet your unique needs. Our goal is to simplify your business and generate savings for you, our valued customer.



## ENGINEERING

**We want to help you maintain your competitive advantage.**

Trelleborg engineers and application experts collaborate with you to improve the overall performance and longevity of your products.



## ENHANCED SUPPLY CHAIN

**Let us help you manage your inventory while improving your total cost of ownership.**

Trelleborg ServicePLUS delivery services are uniquely designed to streamline our customers' procurement, inventory and replenishment processes.



## MANUFACTURING

**Our experts can help you increase your production throughput without increasing manufacturing costs.**

Trelleborg ServicePLUS assembly services simplify our customers' production processes by providing customized solutions for a range of manufacturing needs.



## AFTERMARKET

**We can manage the sealing portion of your aftermarket activities so you have more time to invest in your core business.**

When we supply a sealing solution, we think beyond the product to the end of the supply chain.



### Visit our website – Watch the Movie

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

[www.trelleborg.com/seals/serviceplus](http://www.trelleborg.com/seals/serviceplus)

# Solutions & Capabilities to Meet Your Needs

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.

## STANDARD PRODUCTS



Linear Seals



Bearings & Bushings



O-Rings & Static Seals



Rotary Seals

## CUSTOMIZED SOLUTIONS (MAKE-TO-PRINT, MAKE-TO-DESIGN)



Engineered Molded Parts



Liquid Silicone Rubber (LSR) Components



Aerospace Solutions



Assembly Units



Brake Shims, Tuned Absorbers, Rubore® Seals

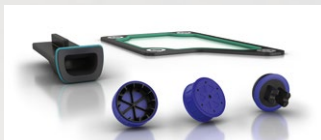


Custom HMF FlatSeal™ Gaskets



Micro Parts

## ADVANCED CAPABILITIES



Multicomponent Technology



Cleanroom Production, Packaging, Assemblies



High Performance Polymers



Advanced Composites

## WORLD RENOWNED NAMES UNITED

We own many of the longest established and leading names.

These include:

- American Variseal
- Automated Dynamics
- Busak+Shamban
- Dowty Seals
- Chase Walton
- Forsheda
- GNL
- Impervia
- Minnesota Rubber & Plastics
- Nordex
- Orkot
- Palmer
- Chenard
- Pawling
- Primasil
- Polypac
- Shamban
- Silcofab
- Silcotech
- Sil-Pro
- Skega
- Stefa
- Wills

## MATERIAL FAMILIES

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

- HiMod®
- HiPlast®
- Isolast®
- Orkot®
- Turcite®
- Turcon®
- Turel®
- Zurcon®
- FoodPro®
- H<sub>2</sub>Pro™
- PureFab™
- Rubore®
- XploR™





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](http://www.trelleborg.com/seals/products-and-solutions)

Aerospace

Automotive

Chemical Processing

Construction, Mining & Agricultural Equipment

Drinking Water & Heating

eMobility

Energy & Renewables

Fluid Power

Food & Beverage

Hydrogen

Manufacturing & Automation

Ports & Marine

Oil & Gas

Semiconductor Manufacturing



# Accelerating Performance in Your Industry

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

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.

Our experts work collaboratively to design and develop the optimum sealing solution to meet customers' application needs, from concept to serial production and beyond.



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**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.

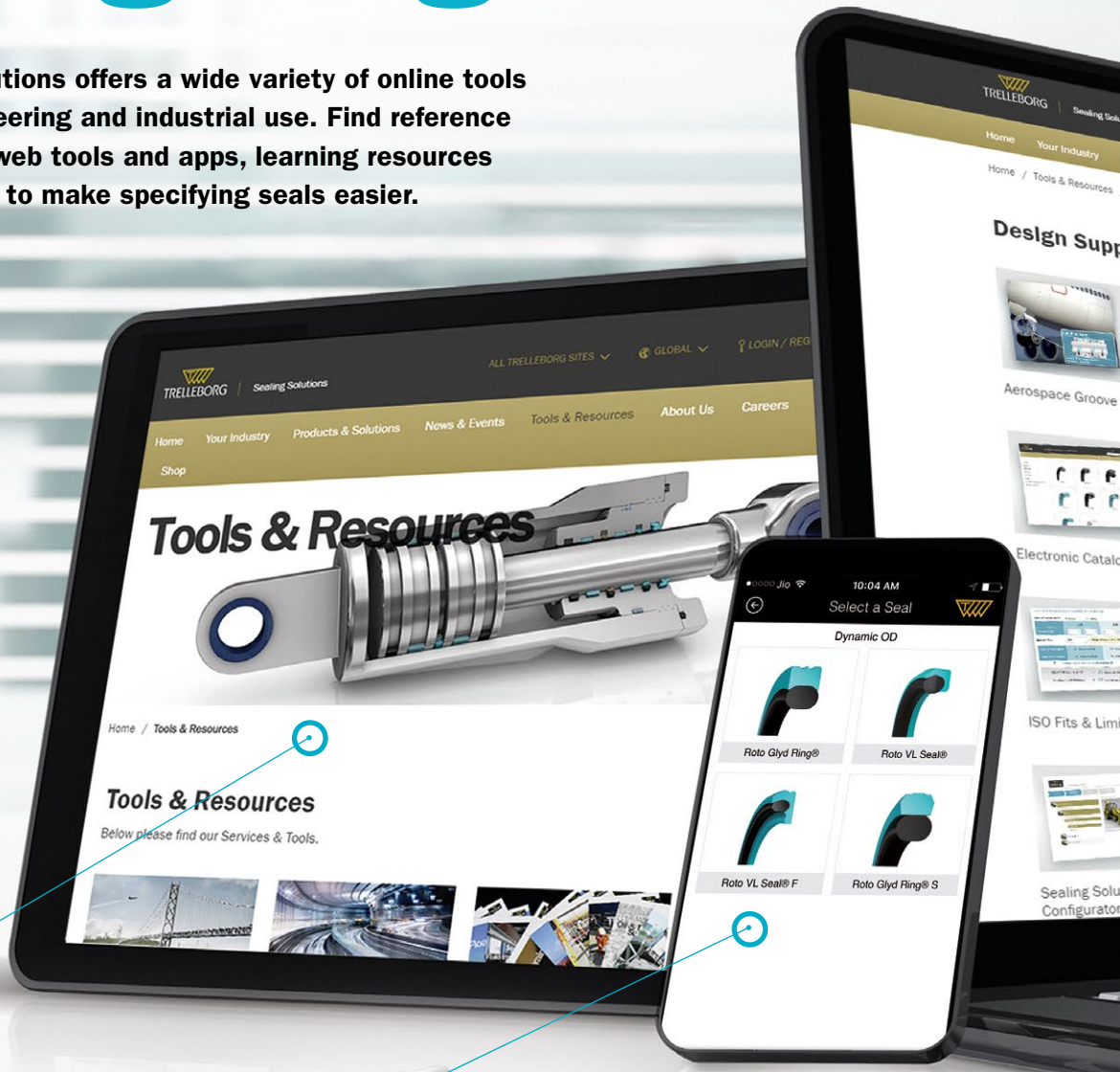
[www.trelleborg.com/seals/your-industry](http://www.trelleborg.com/seals/your-industry)

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# Online Tools & Resources to Support Design Engineers

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.

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.

### 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](http://www.trelleborg.com/seals/resources)



# Protecting the Essential

At Trelleborg, we are committed to protecting the essential. Our solutions are designed with a purpose—to protect people, to ensure the reliability of industrial equipment, to secure key infrastructure like water networks, ports and energy facilities, and to contribute to a low-carbon, sustainable future.

## Protecting the environment

Solutions that contribute to a low-carbon society and a more sustainable world.



## Protecting industrial equipment

Solutions that enhance the durability and efficiency of equipment and processes.



## Protecting infrastructure

Solutions that safeguard key infrastructure such as water networks, ports and energy facilities.



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

[www.trelleborg.com/en](http://www.trelleborg.com/en)

**Protecting people**

Solutions designed to ensure safety and comfort in daily life.



Trelleborg is a world leader in engineered polymer solutions that protect essential 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](http://WWW.TRELLEBORG.COM/SEALS)



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