From aerospace to automotive, healthcare to semiconductor fabrication, water systems to consumer electronics, Parker’s **engineered seals and sealing systems** are playing an important role in the safe and reliable operation of equipment all over the world — right now. You’ll find our sealing products in hydraulic and pneumatic cylinders, hose fittings, high pressure pumps and filtration units, as well as engines, transmissions and cooling systems. Our shielding/grounding products protect cellular telephones, personal computers, cable TV switchgear and other electronic equipment from the effects of Electromagnetic Interference (EMI). And our thermal interface materials cool hot microprocessors and power supplies.

**Platforms that fly**, including commercial, military and space vehicles

**Products for water systems, appliances, consumer electronics and food and beverages that are sold to the general public** (WRC, FDA, UL, NSF, KTW, DVGW)

**Chemical processing industry and associated equipment**

**Oil and natural gas exploration, drilling, extraction, conveyance and power generation equipment**

**All hydraulic or pneumatic systems or components, including attachments on mobile equipment, cylinders, valves, accumulators, fittings, pumps and rotary actuators**

**Applications associated with the manufacture or processing of products or components** (PMC — Process, Measurement and Control) not specifically identified in other industry categories

**All computer systems** (personal digital assistants, laptops, desktops and mainframes) and related peripherals

**Healthcare, dental and pharmaceutical industries**

**Products for non-aerospace government land and sea-based platforms** (i.e., tanks, subs, marine, radar, etc.)

**Equipment and materials used in the fabrication and assembly of semiconductor devices**

**All equipment associated with communication and datacom, including wireless communications devices, cellular base stations, indoor and outdoor routers and switches** (also includes cable TV equipment)

**All moving vehicles and components associated with propelling and stopping vehicles**, including automotive, heavy-duty truck, off-highway, agricultural equipment and marine applications.

**HERE, THERE, EVERYWHERE.**
The equipment that moves today’s industry is more reliable and high-engineered than ever before. That’s why Parker Seal Group develops and manufactures engineered sealing solutions – technologically advanced sealing devices and materials that can keep pace with the tighter tolerances, higher temperatures and tougher chemicals found in the modern machine.

These sealing products have our unique combination of experience and innovation built right in, and we’re able to supply them quickly and cost-effectively to fit virtually any application you can think of.

Worldwide — Where You Need Us
Around the corner or around the globe, Parker’s Seal Group is there with solutions to tough sealing problems. This worldwide sealing network, which consists of 46 manufacturing locations and more than 200 distributor and service center locations in nine countries, means that you can always get quality products when and where you need them. It also means that sound advice from Parker sealing experts is never far away.

Product Innovation
Today’s sealing challenges demand innovative solutions, and nobody knows innovation better than Parker. Drawing from over four decades of engineering, material formulation and manufacturing experience, we continually develop new products for your evolving sealing needs. Our Parofluor ULTRA™ series of perfluorinated elastomers and the all-in-one Integrated Piston™ assembly are excellent examples of Parker innovation at work.

Systems Made Simple
At Parker Seal Group, we don’t just manufacture a few standard seals for a handful of applications. Our products range from standard o-rings and extruded silicone profiles to highly complex composite seals, conductive elastomers (for EMI shielding) and thermal management materials. This means we can offer you a single source for total systems solutions. And that translates to reduced costs and improved efficiency for you.
An operating unit of the Parker Hannifin Corporation, the North American Seal Group is organized into 10 independent divisions. Each of these divisions has specific product competencies and extensive knowledge of the markets they serve. Their lean, focused structure allows for close interaction with customers and ensures a fast, informed response to your sealing questions. The Seal Group’s divisions are supported by a dedicated technical sales force consisting of several specialists in automotive, semiconductor and other industries.

Parker Hannifin
Seal Group
World Headquarters
Irvine, CA

Engineered Seals Division (ESD)
Goshen, IN

Thermoplastics Division (TPD)
Vandalia, OH

Chomerics Thermally & Electrically Conductive Products Division (TEC)
Hudson, NH

Chomerics Electromagnetic Compatibility Division (EMC)
Woburn, MA

Engineered Polymer Systems Division (EPS)
Salt Lake City, UT

Composite Sealing Systems Division (CSS)
San Diego, CA

TechSeal Division (TSD)
Spartanburg, SC

Powertrain Division (PTD)
Lynchburg, VA

O-Ring Division (ORD)
Lexington, KY

Seal Group Manufacturing Locations

Parker Service Centers (PSCs)
Our network of service centers provides customers with access to local inventory and order entry.

BUILT FOR SPEED AND SERVICE.
CHARTER

The Chomerics Electromagnetic Compatibility Division designs and manufactures certified materials for EMI shielding and ESD control. The division designs and manufactures engineered EMI shielding design form-in-place gasket dispensing systems, caulks, paints and sealants.

The Chomerics Thermally and Electrically Conductive Products Division designs and manufactures engineered thermally conductive silicone, caulks, paints and sealants.

The Chomerics Engineered Seals Division designs and manufactures engineered elastomeric shapes and systems consisting of metals and isostatic molding, custom isolators for HVAC systems and isolation mounts and grommets.

The Chomerics Engineered Systems Division designs and manufactures engineered elastomeric shapes and systems consisting of metals and isostatic molding, custom isolators for HVAC systems and isolation mounts and grommets.

The Chomerics Engineered Polymer Systems Division designs and manufactures engineered thermal interface materials for dynamic applications.

The Chomerics Composite Sealing Systems Division designs and manufactures engineered elastomeric shapes and systems consisting of metals and isostatic molding, custom isolators for HVAC systems and isolation mounts and grommets.

The Chomerics Engineered Thermally and Electrically Conductive Products Division designs and manufactures engineered thermally conductive silicone, caulks, paints and sealants.

The Chomerics Engineered Polymers Division designs and manufactures engineered thermally conductive silicone, caulks, paints and sealants.

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Our commitment to customer satisfaction extends far beyond the manufacture and supply of superior sealing products and materials. You can also see it in our development of special services and support tools.

**Desktop Seal Design**

Our Total inPHorm™ software brings seal design and material specification right to your desktop. The software, which consists of standalone packages for hydraulic and pneumatic sealing, static face sealing, standard composite seal products, EMI shielding and thermal management, uses a simple interface to guide you through the design of application-specific glands and seals. It automatically cross-references thousands of part numbers and recommends materials based on the requirements of SAE, MIL and other standards. Total inPHorm also contains a complete array of online reference materials, including test reports, technical bulletins and seal maintenance instructions.

**Applications Assistance**

If our software can’t solve your sealing problem, you can always turn to our team of dedicated applications engineers. These engineers are trained sealing experts with decades of combined experience in real world applications, and they’re ready to help you find the most reliable, cost-effective solution.

**Advanced Computer Simulation**

Through the use of powerful computers and finite element analysis (FEA) software, our engineers can evaluate a seal’s performance in a variety of media, temperatures and pressures before a single part is made. This eliminates the need for costly tooling, speeds the production process and ensures the selection of the right material and geometry for your application.

**Fast Samples**

When you’re prototyping a new product, it helps to have fast access to samples. That’s why all of our divisions stock them in a broad range of sizes and materials. In most cases, we can provide standard samples within 24 hours.

**Quality Standards**

We know you expect high quality and production standards from your seal manufacturer. That’s why all of our North American facilities are certified to ISO 9001/QS 9000 or better. For applications that demand an extra level of cleanliness (such as semiconductor and pharmaceutical industry sealing), we offer ultra-high purity (UHP) processing. UHP employs totally enclosed and dedicated manufacturing areas where FFKM, FKM and other products are mixed, tooled, molded, finished, inspected and packaged.

**Testing, R&D Resources**

New applications bring new challenges, and Parker Seal Group is equipped to meet these challenges head-on with a full complement of state-of-the-art testing and research and development tools. In our highly advanced test rigs, we can evaluate seal performance under a wide variety of physical conditions. And in our Electromagnetic Compatibility (EMC) testing facilities, we can check your product for compliance with the latest domestic and European standards. Best of all, our skilled scientists and technicians can develop a solution for you if one doesn’t already exist.
## PARKER SEAL GROUP LOCATIONS

### NORTH AMERICA

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**Engineered Polymer Systems Division (EPS)**  
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**Engineered Seals Division (ESD)**  
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FAX: (219) 533-5332

### O-Ring Division (ORD)  
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### Powertrain Division (PTD)  
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### Steering & Driveline Systems Division (SDS)  
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### TechSeal Division (TSD)  
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### Thermoplastics Division (TPD)  
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