



Engineered Solutions. Personal Support. Global Resources.



PSP Seals, LLC is a leading independent, engineering driven, stocking distributor specializing in customized sealing solutions. PSP provides products and services for Original **Equipment Manufacturers** (OEM) and Aftermarket in a wide variety of markets including the US Government/Military and Aerospace.

#### **KITTING**

As a leading supplier of sealing products and accessories we supply metric and inch versions of a vast array of sizes and materials in kit form. Customer provided items may also be included in the assembled kits.

- Reduced Cost
- Reduced Supply Chain
- Increased Profits
- Improved Part Availability
- Reduced Inventory
- Reduced Warehouse Space
- Complete Part Traceability

#### STOCKING SOLUTIONS/ WAREHOUSE

As a leading supplier of sealing products and accessories we supply metric and inch versions of a vast array of sizes and materials in kit form. Customer provided items may also be included in the assembled kits.

- Seal Selection
- Materials Selection
- Application Engineering
- Problem Solving
- Custom Seal Design & Development
- Failure & Value Analysis
- Supplier Finite Element Analysis

#### **CUSTOM LABELING**

As a leading supplier of sealing products and accessories we supply metric and inch versions of a vast array of sizes and materials in kit form. Customer provided items may also be included in the assembled kits.

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- Materials Selection
- Application Engineering
- Problem Solving
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- Failure & Value Analysis
- Supplier Finite Element Analysis

#### **PACKAGING**

As a leading supplier of sealing products and accessories we supply metric and inch versions of a vast array of sizes and materials in kit form. Customer provided items may also be included in the assembled kits.

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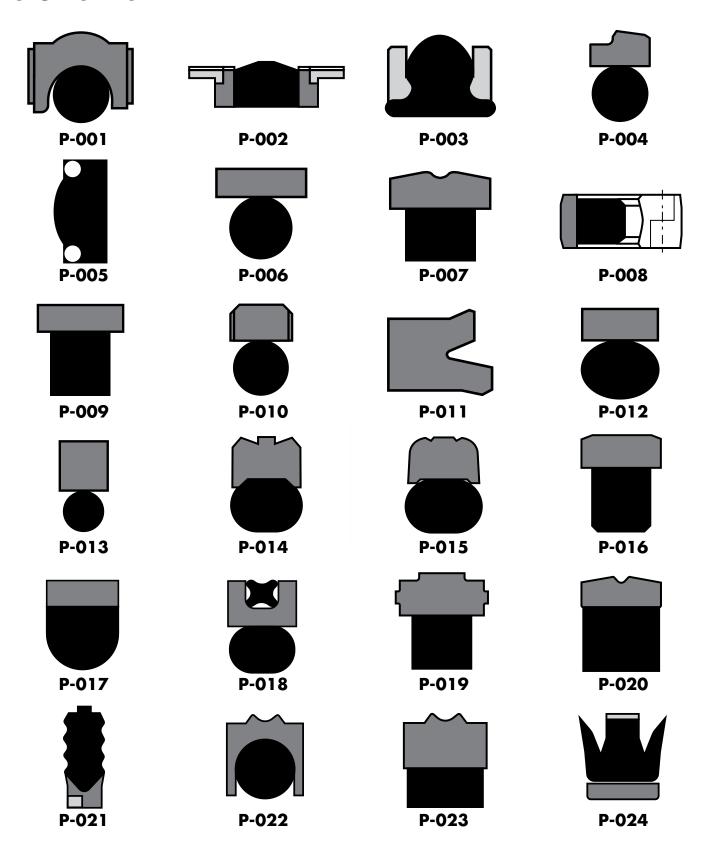
#### **REVERSE ENGINEERING**

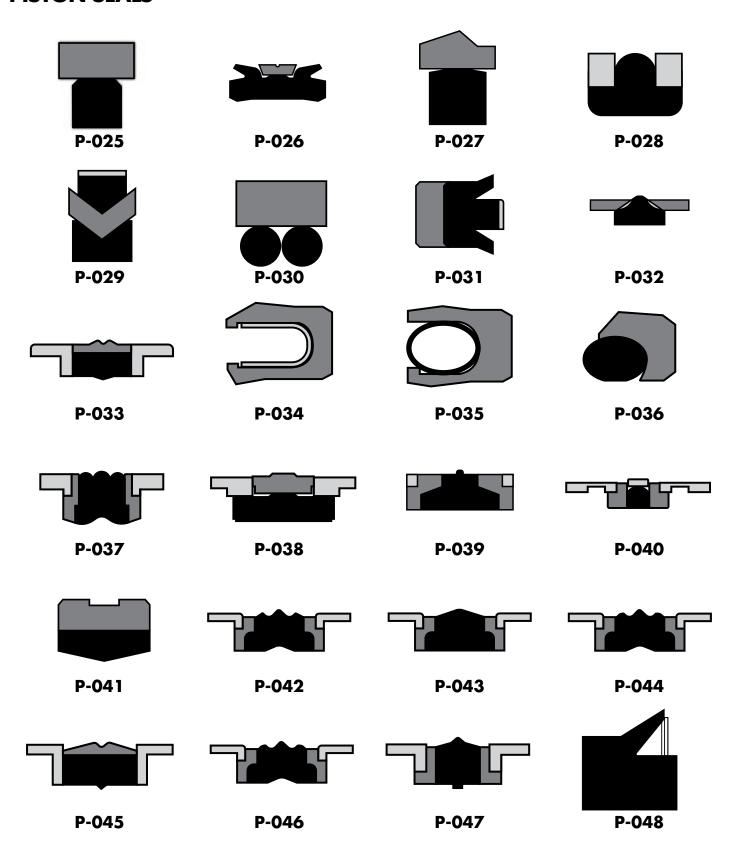
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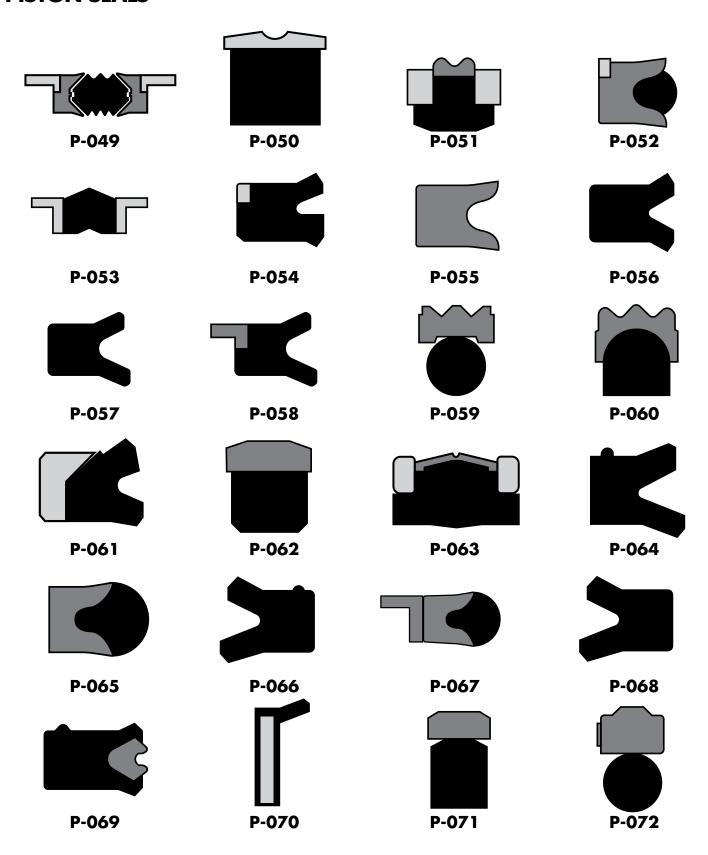


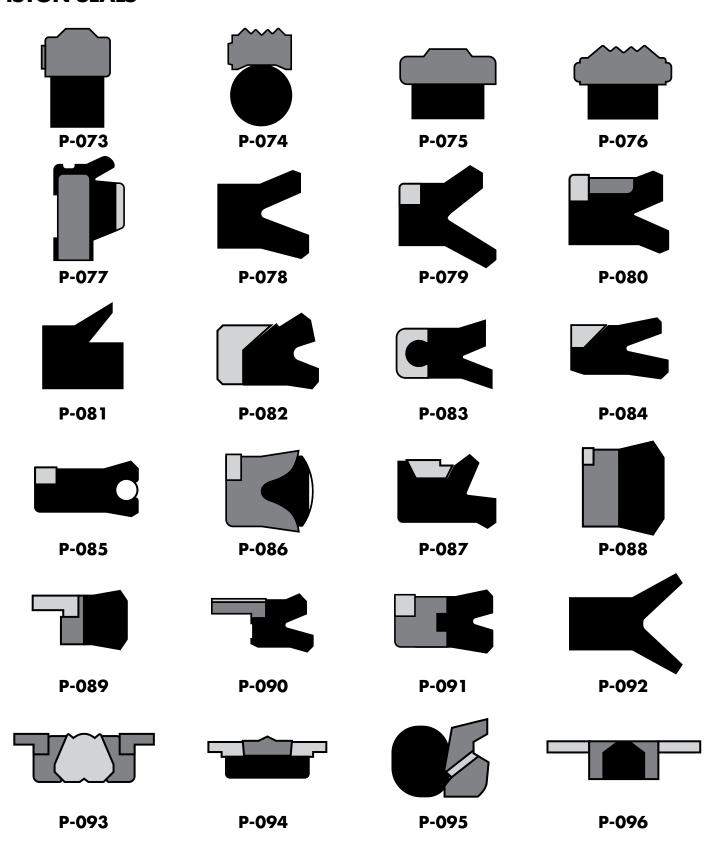




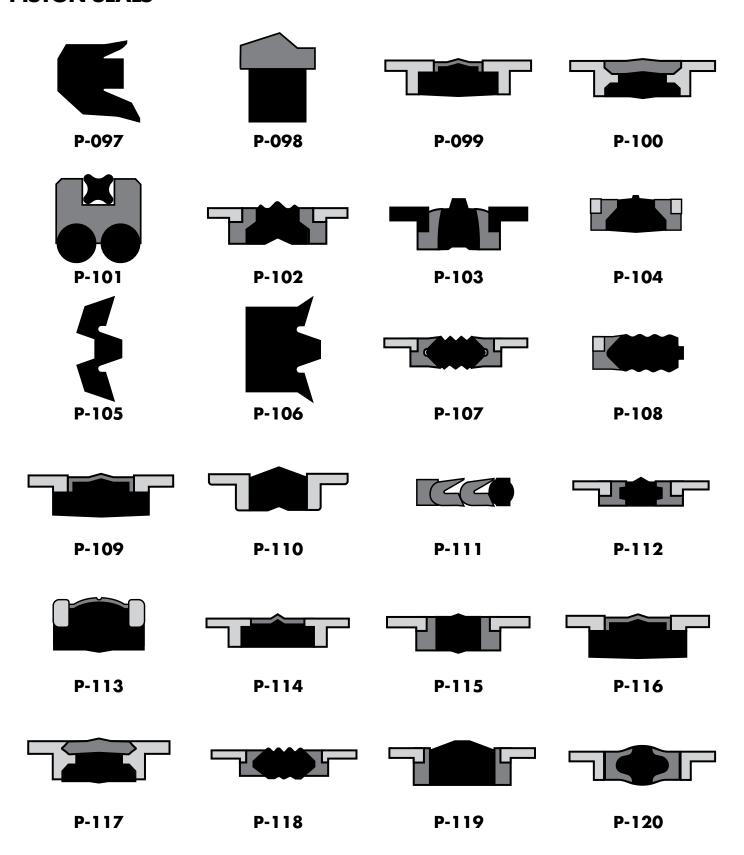


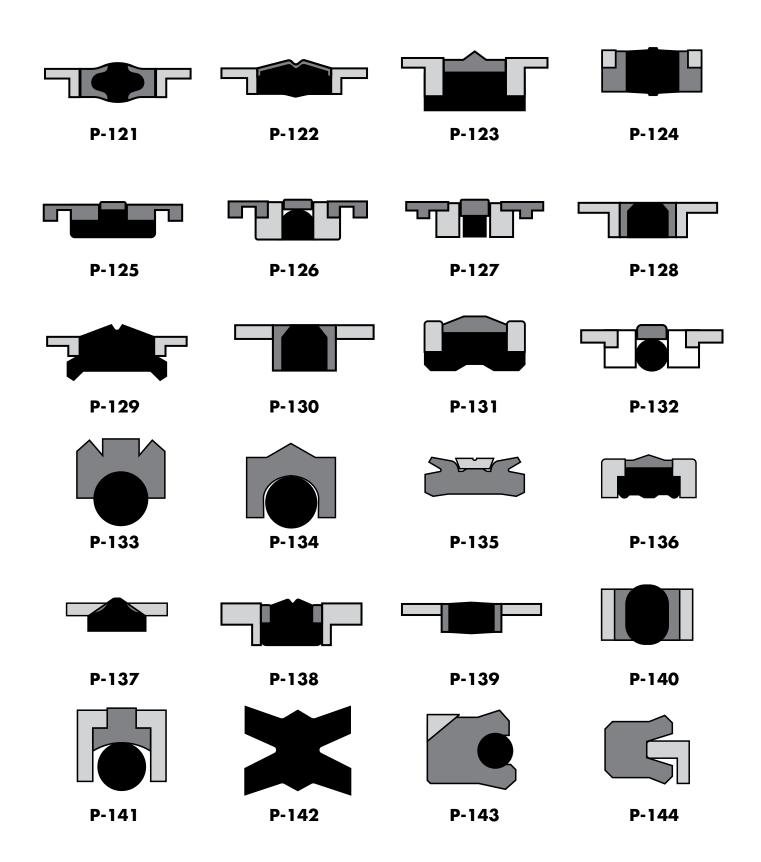




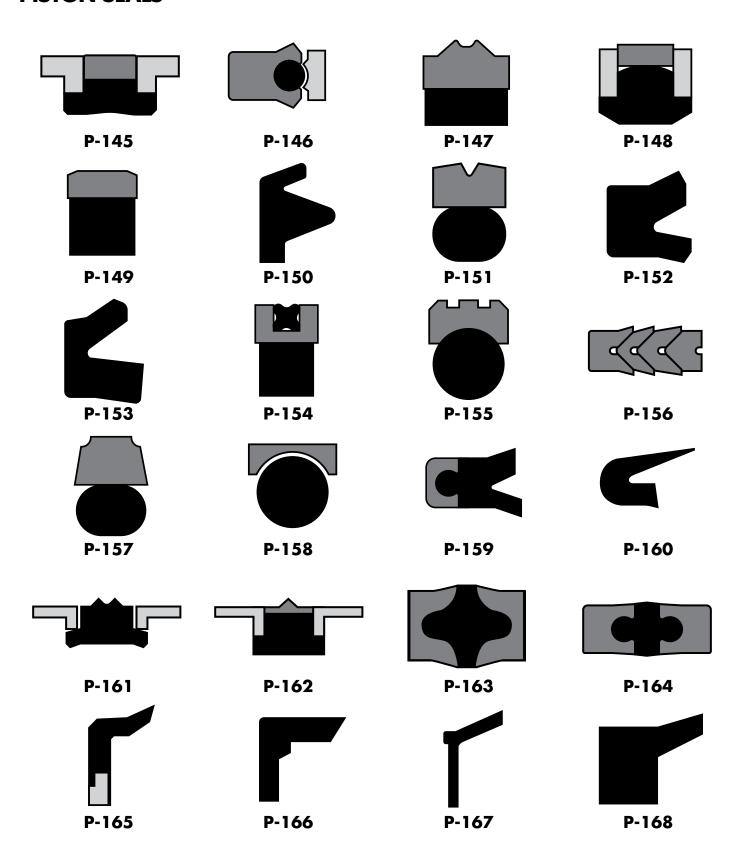


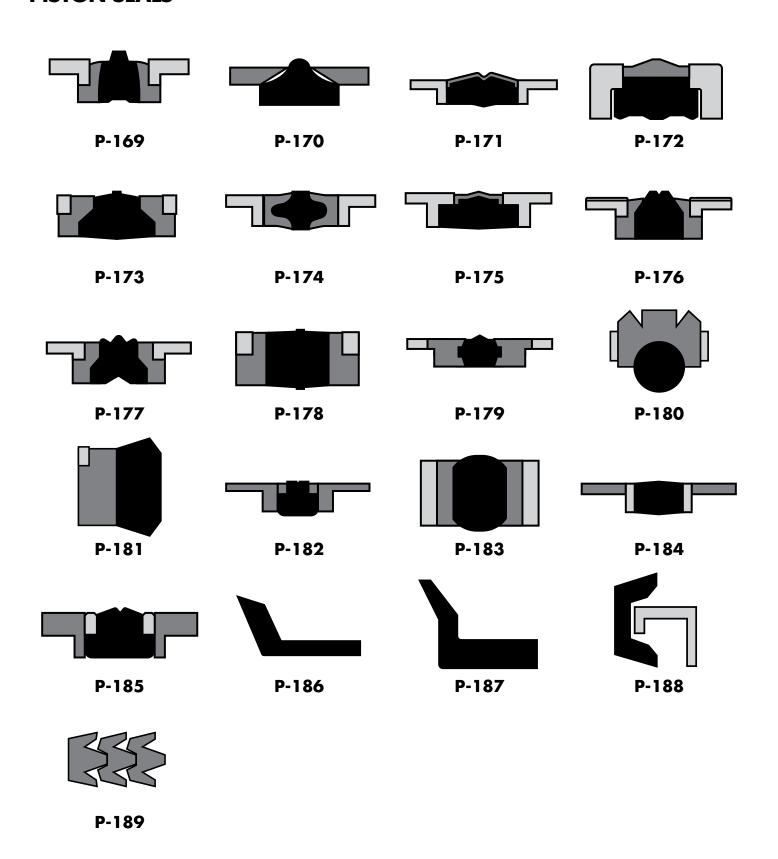




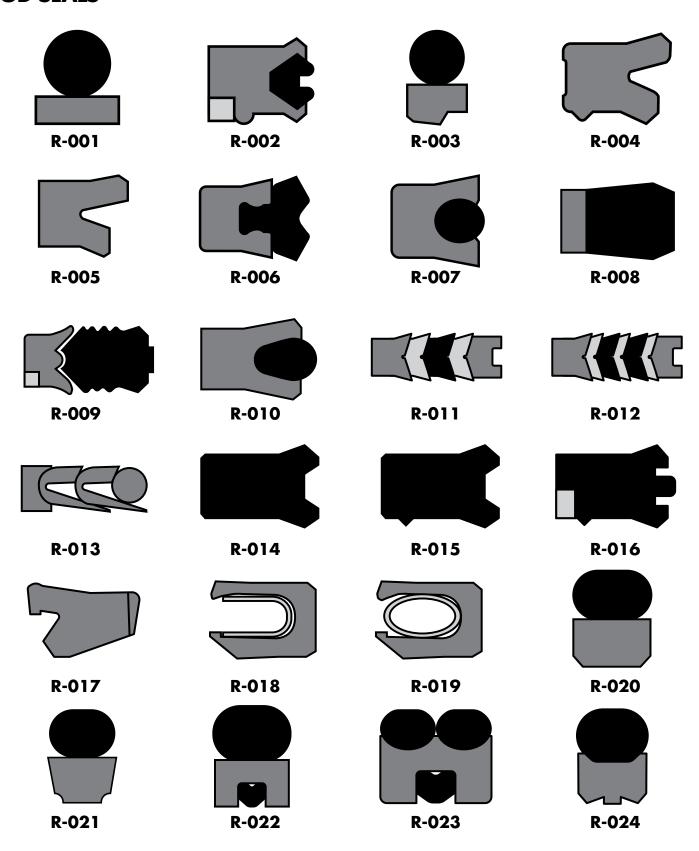


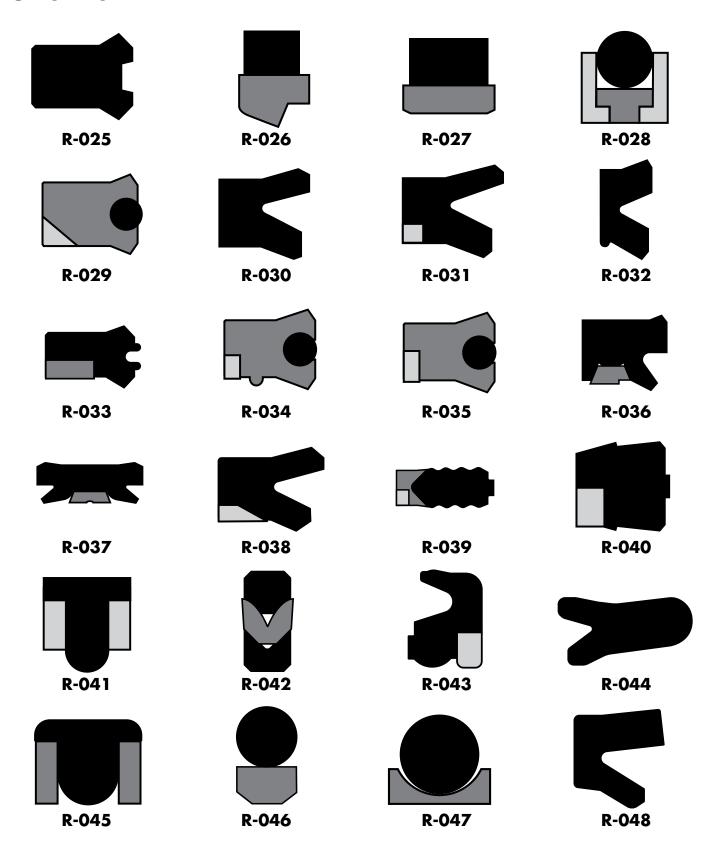




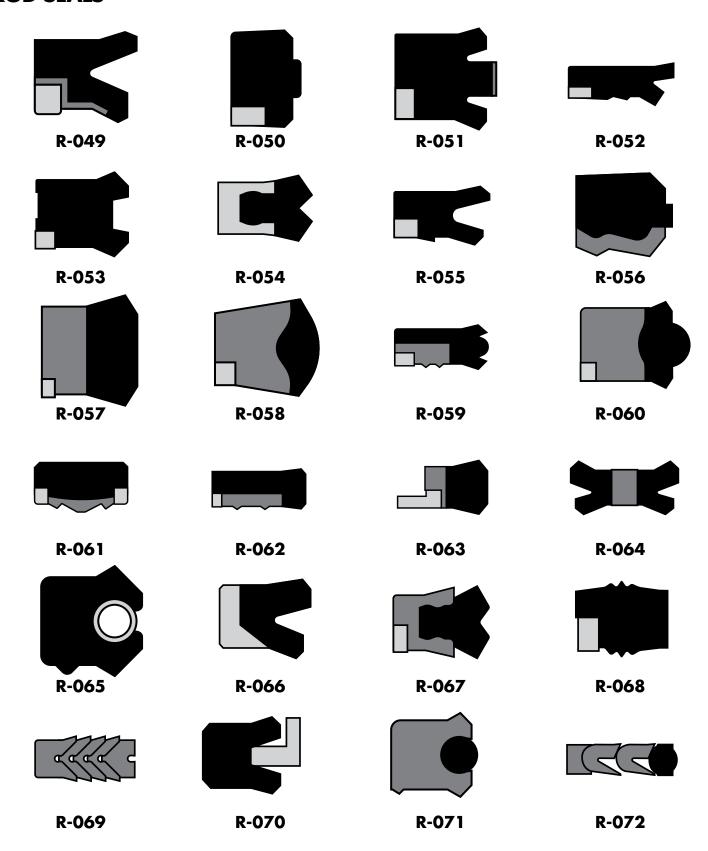


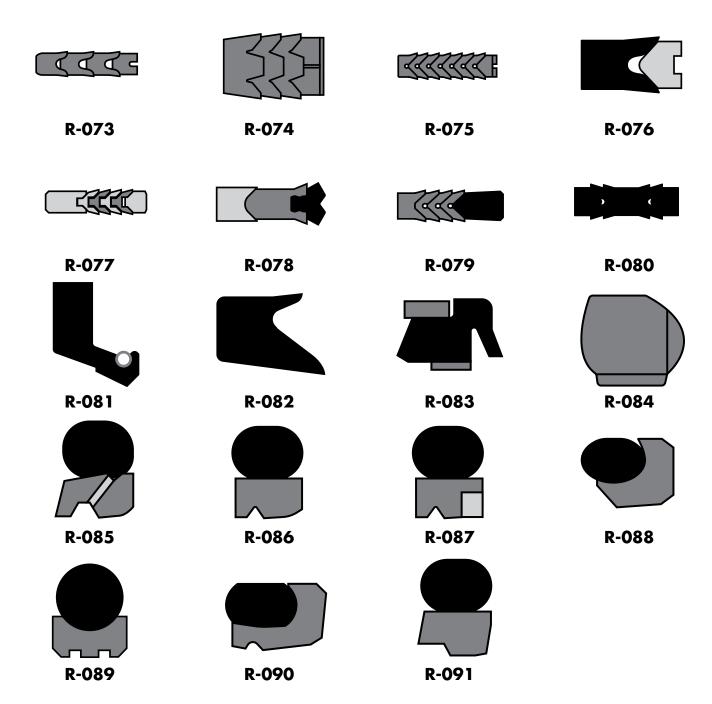






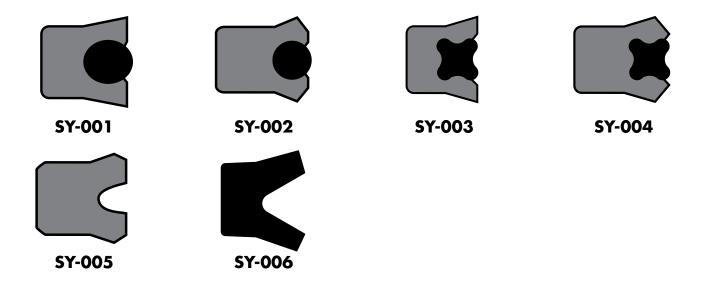




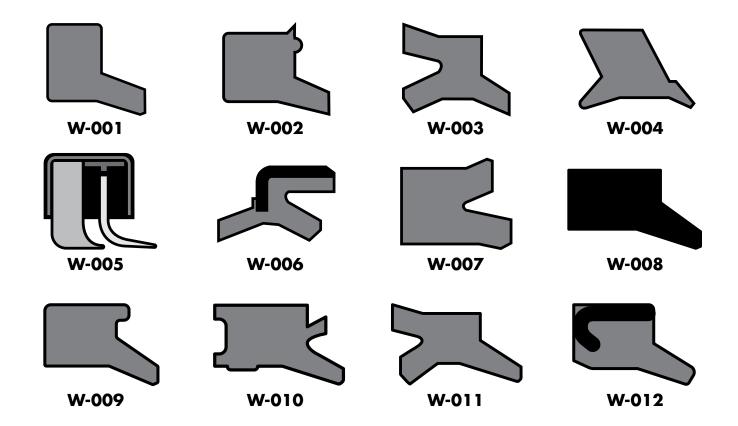




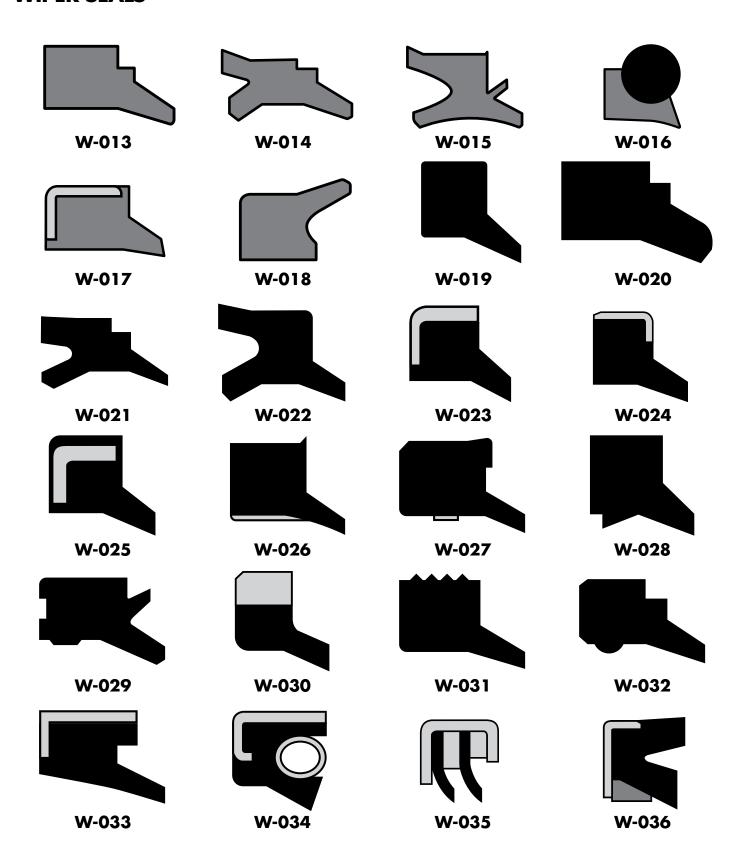
#### **SYMMETRICAL SEALS**



#### **WIPER SEALS**

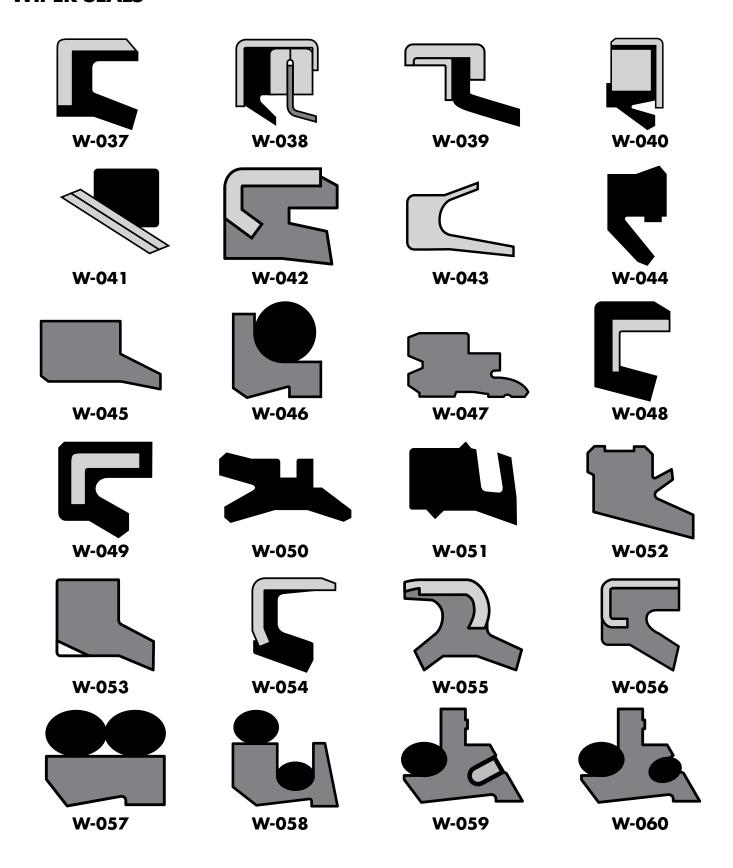


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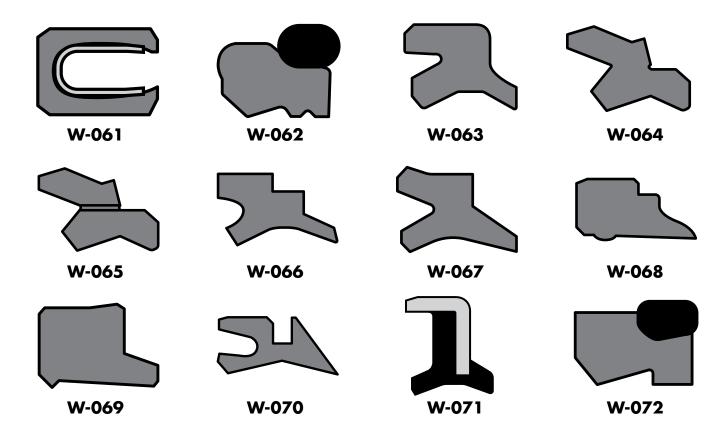




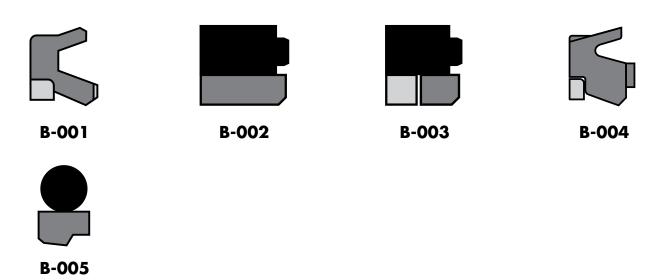
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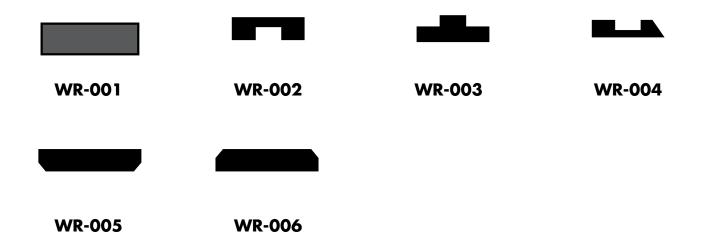


#### **BUFFER SEALS**

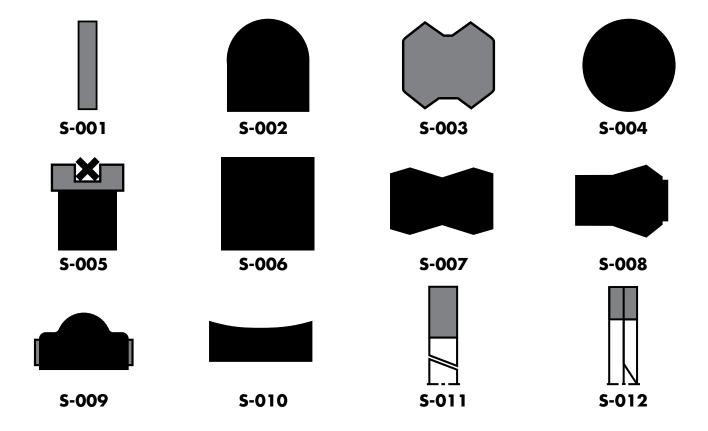




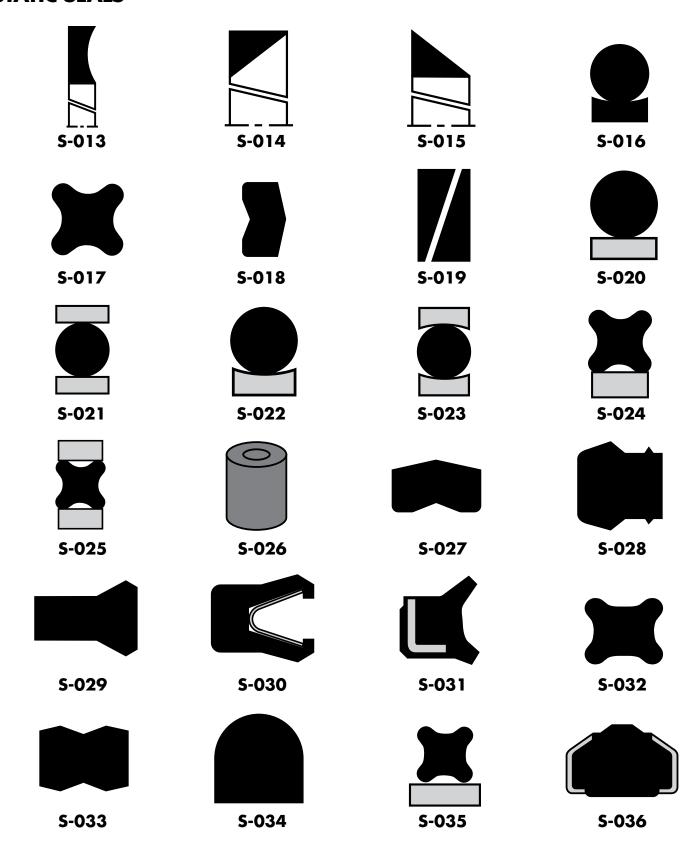
#### **WEAR RINGS**



#### **STATIC SEALS**

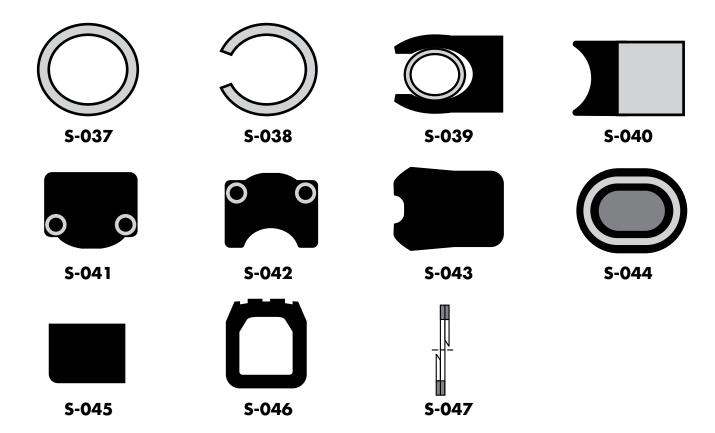


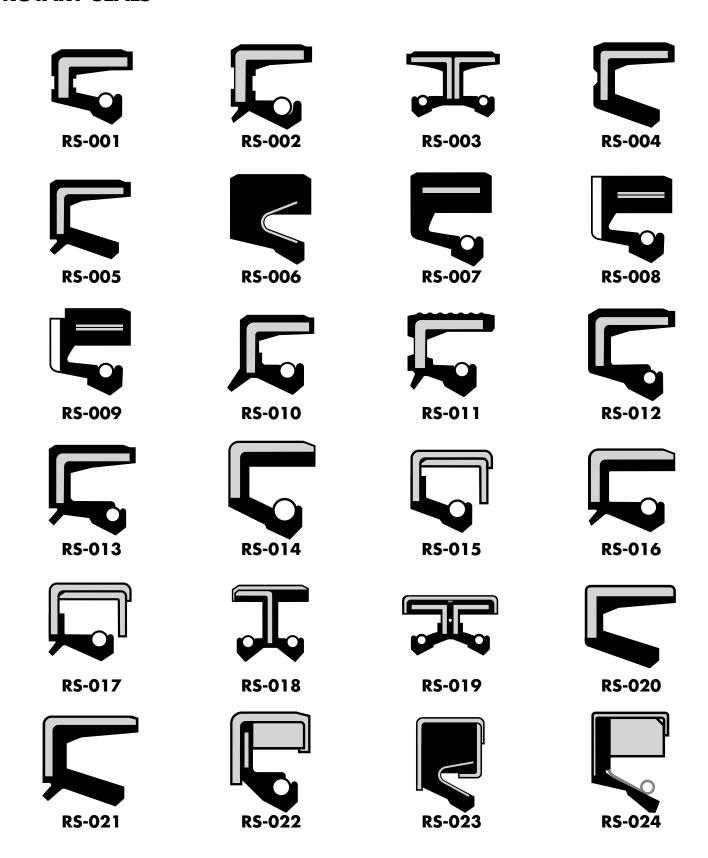
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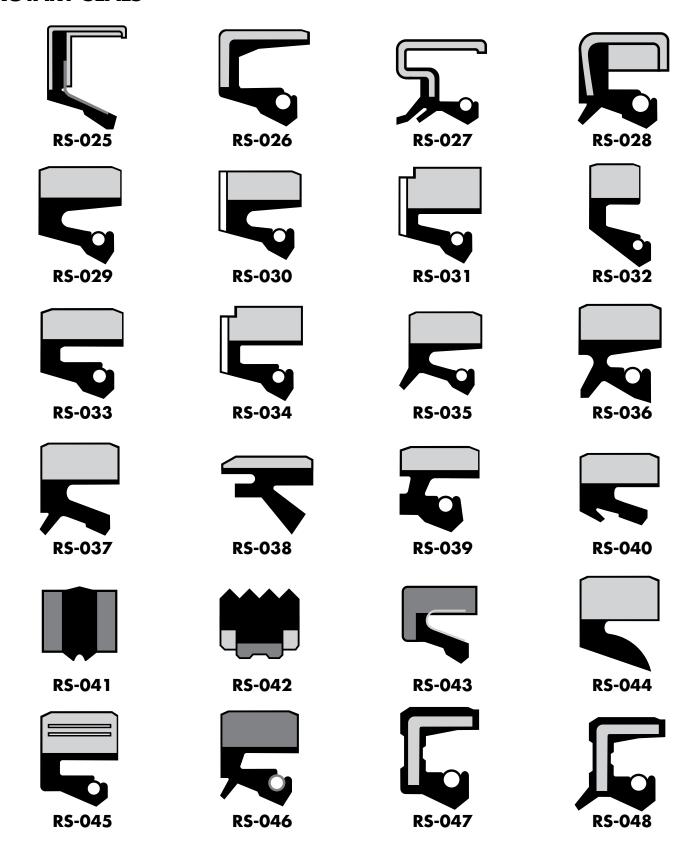


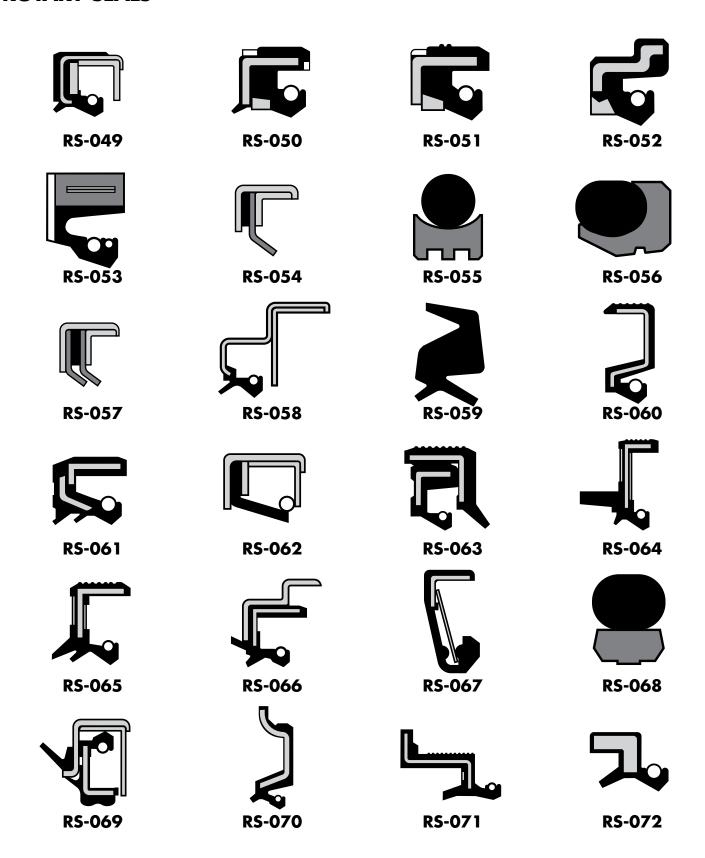
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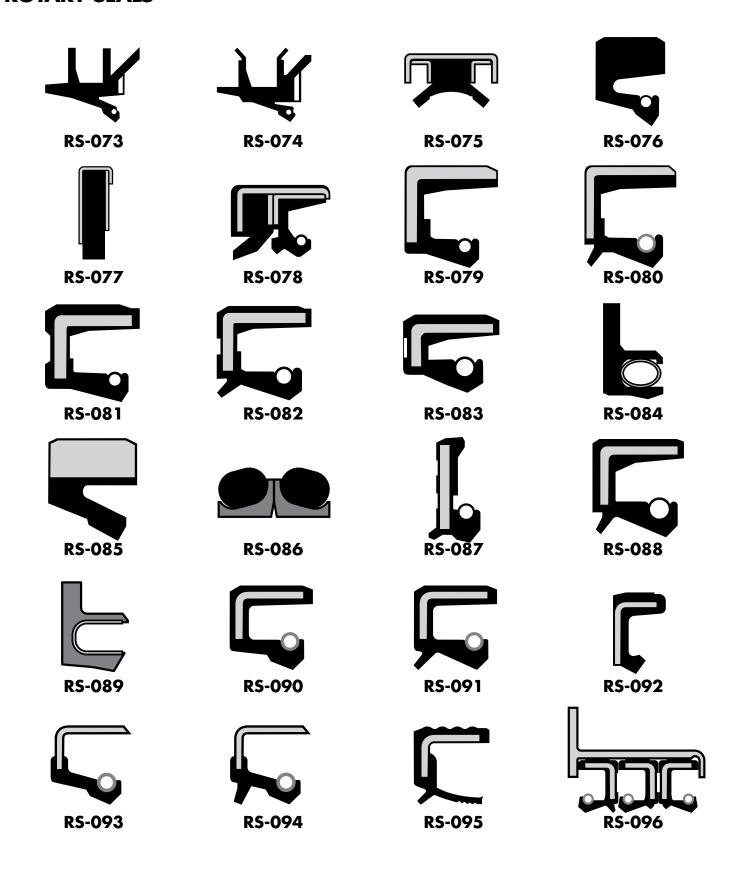


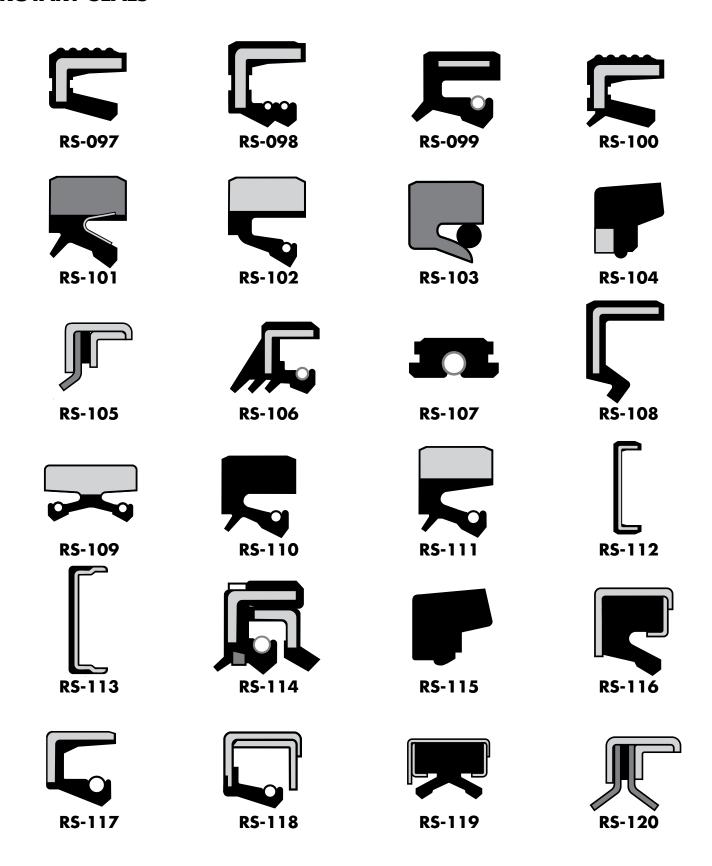




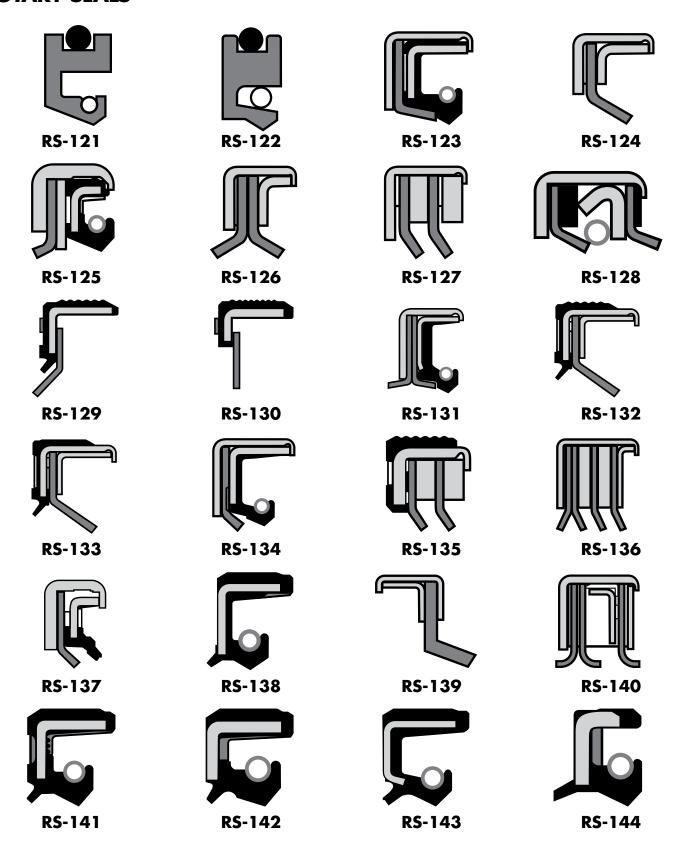


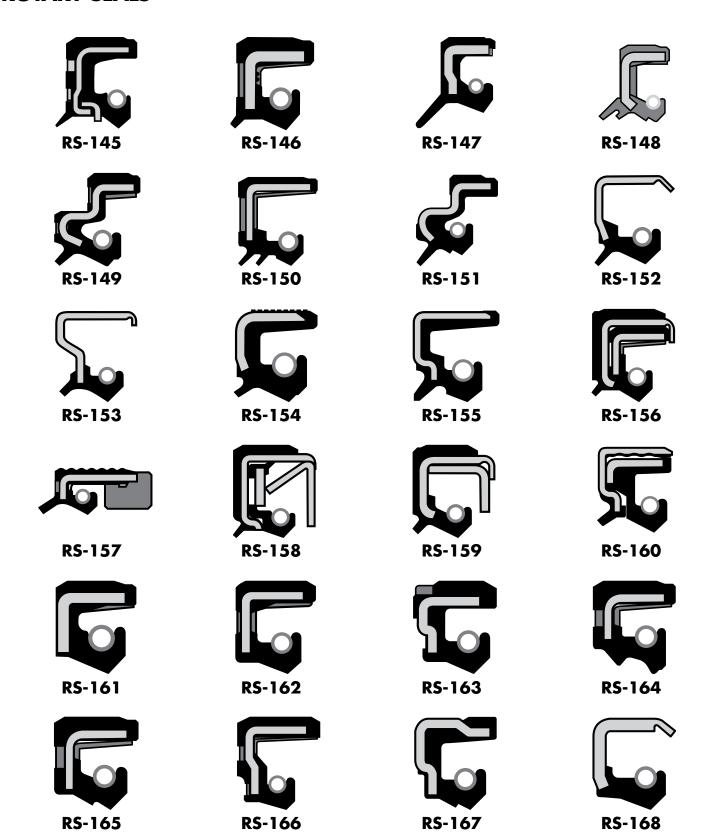






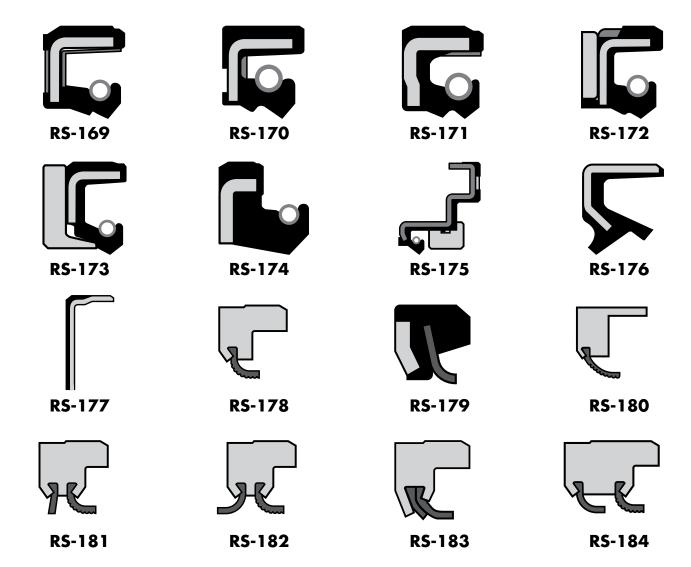








#### **ROTARY SEALS**



#### **CASE SEALS**

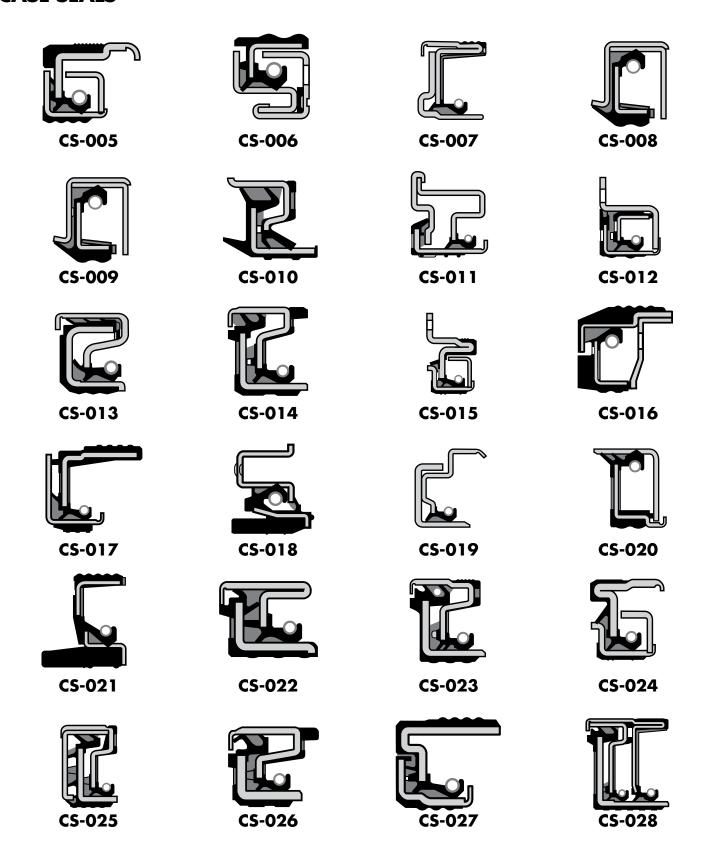






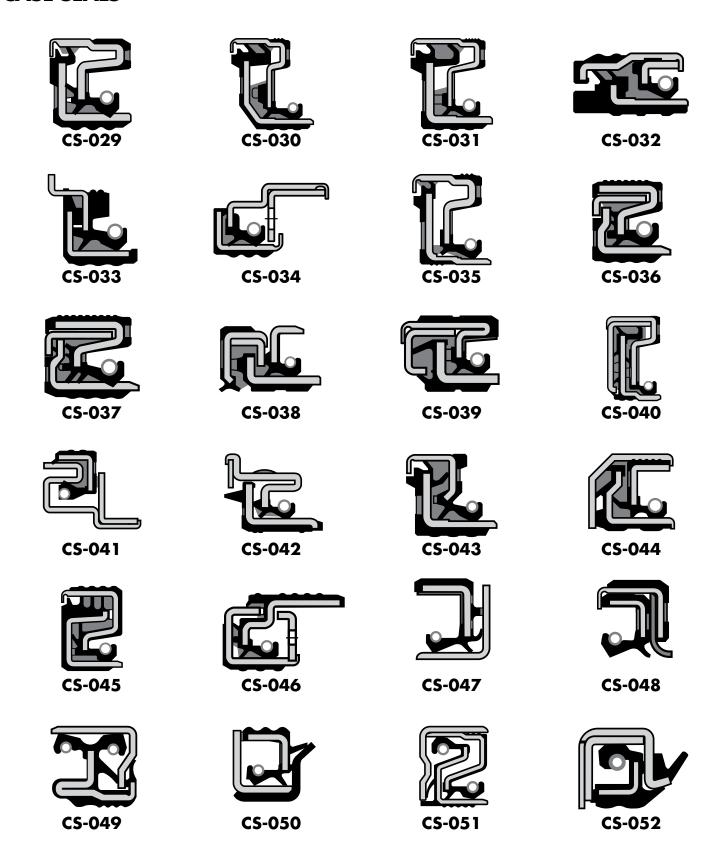


#### **CASE SEALS**





#### **CASE SEALS**



#### **OIL SEALS**









#### **V-RINGS**





V-002











V-007



























### Accessories

#### **VIBRA-TITE®**



#### **MEASURING TOOLS**



#### **EXTRACTION TOOLS**



#### **INSTALLATION TOOLS**



### Miscellaneous

#### **GASKETS**

At PSP Seals, we understand the critical role gaskets play in ensuring the integrity and reliability of your engineering projects. Whether you're working with high-temperature environments, corrosive substances, or extreme pressure differentials, our extensive range of precision-engineered gaskets is designed to meet your exacting standards.

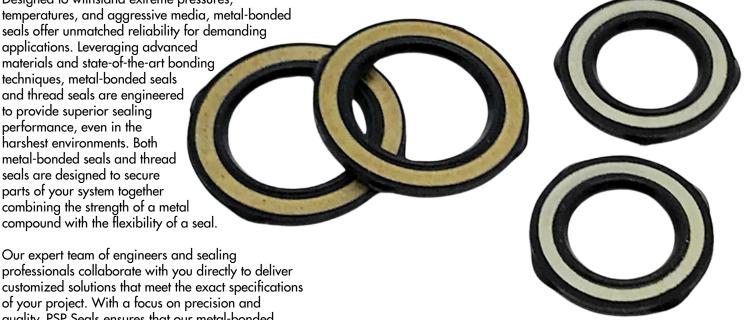
From knife cut and water jet to custom molding and stamping, PSP Seals can provide gaskets in various designs and sizes. Our team is ready to get the gaskets that get your production back on track and aid in engineering design. With decades of experience and a commitment to quality, we provide tailored solutions that fit your specific application needs, ensuring optimal performance and longevity. Call today to learn more!



#### **METAL-BONDED & THREAD SEALS**

Designed to withstand extreme pressures, temperatures, and aggressive media, metal-bonded seals offer unmatched reliability for demanding applications. Leveraging advanced materials and state-of-the-art bonding techniques, metal-bonded seals and thread seals are engineered to provide superior sealing performance, even in the harshest environments. Both metal-bonded seals and thread seals are designed to secure parts of your system together combining the strength of a metal

Our expert team of engineers and sealing professionals collaborate with you directly to deliver customized solutions that meet the exact specifications of your project. With a focus on precision and quality, PSP Seals ensures that our metal-bonded seals and thread seals keep your operations efficient and secure.





### Miscellaneous

#### **PNEUMATIC SEALS**

Along with hydraulic seals, we also specialize in providing high-performance pneumatic seals that are essential for the efficient and reliable operation of your pneumatic systems. Designed to prevent leakage and ensure optimal pressure control, our pneumatic seals are engineered to withstand the demands of various industrial applications. With a comprehensive range of materials and designs, we tailor our seals to meet the unique requirements of your specific project. Our experienced team works closely

professionals to deliver solutions that enhance the longevity and efficiency of your systems. Trust PSP Seals to supply pneumatic seals that maintain the integrity of your operations, even in the most challenging environments.



### **Engineering Services**



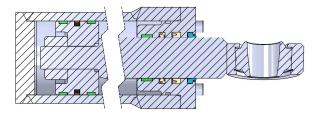


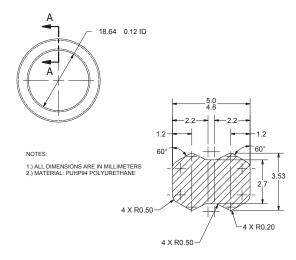


PSP Seal's in-house, experienced engineers create innovative and effective solutions to the most perplexing sealing problems. Our material expertise includes various rubber compounds, Polyurethane, PTFE compounds and engineered plastics.

- Seal & Gasket Selection
- Material Specification
- Material Testing
- Application Engineering Support
- Problem Solving
- Custom Seal Design & Development
- Failure Analysis
- Value Analysis
- Finite Element Analysis
- Product Validation Testing
- Reverse Engineering
- Non-Contact Measurement (Keyence)
- Computer Aided Design Modeling
- On-Site Trouble Shooting & Support
- Packaging & Label Support
- First Article Inspection
- PPAP

Additionally, as a top authorized distributor for Parker Engineered Materials Group and others, their engineers are readily available to assist us and our customers to develop new materials and products for new applications.





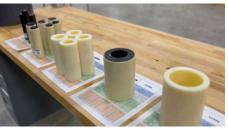
SECTION A-A



### ProTurn













If you're looking for a unique seal profile or size or you are in a hurry to get your equipment back up and running, PSP Seals' custom-machined seal products are the solution. Order only what you need and when you need it.

PSP Seals offers in-house custom machining by ProTurn. Choose your material and seal profile and receive your fully customized seals with zero lead time available. All seals are checked for tolerance and quality throughout the machining process so you can rest assured that the seals you get meet and exceed industry standards.

A wide range of seal profiles are available including wipers, rod seals, piston seals, rotary, O-rings, wear rings, back-up rings, and custom profiles.

#### **Available Materials:**

- Hydrolysis-Resistant Polyurethane (HPU)
- CAST Hydrolysis-Resistant Polyurethane (C-HPU)
- PPDI
- NBR
- FKM
- PTFE Virgin
- PTFE GL-MOLY (15% Glass/5% Moly)
- PTFE CF (10% Carbon Fiber)
- PTFE CGT (23% Carbon/2% Graphite)
- PTFE BR-MOLY (40% Bronze/3% Moly)



### Government

PSP Seals, LLC is a leading independent stocking distributor in customized sealing solutions with an engineering focus, personal support and global resources. PSP Seals Government Group serves as a conduit for the sale of seals, gaskets, o-rings and kits to the US Government via the Defense Logistics Agency (DLA), direct to the Armed Services and serving as a subcontractor to prime contractors.

Cage Code: 1SA02

JCP Certification #: 0072150

DUNS: 874771764 UEI: JYE7GZBALYH7 ISO 9001:2015 Small Business

#### **PRODUCTS**

Specializing in fluid power and hydraulic cylinder seals, metric and inch, including a vast array of sizes and material configurations.

- Piston Seals
- Symmetric Seals
- Rod Seals
- Buffer Seals
- Wiper Seals
- Wear Rings
- Static Seals
- EMI Shielding Gaskets

- Head Seals
- Gaskets
- Rotary Seals
- Pneumatic Seals
- Mechanical Seals
- Seal Kits
- Custom Seals

#### GLOBAL RESOURCES

PSP Seals has developed a proven network of world-class suppliers meeting our stringent quality and on-time delivery requirements including:



FREUDENBERG-NCK











#### **SERVICES**

- Kitting (more than seals)
- Traceability
- MIL-STD-2073 & ASTM D 3951 Packaging
- Custom Packaging
- MIL-STD-129 Bar Coding
- Bar Coding
- Radio-Frequency Identification (RFID)
- Stocking Programs
- Managed Inventory Programs
- Technical Support Team
- Engineering Support
- Long Term Contract Support

#### **ENGINEERING**

Our experienced engineers create innovative solutions to the most perplexing sealing problems.

- Seal & Gasket Selection
- Material Specification
- Material Testing
- Application Engineering Support
- Problem Solving
- Custom Seal Design & Development
- Failure Analysis
- Value Analysis
- Finite Element Analysis
- Product Validation Testing
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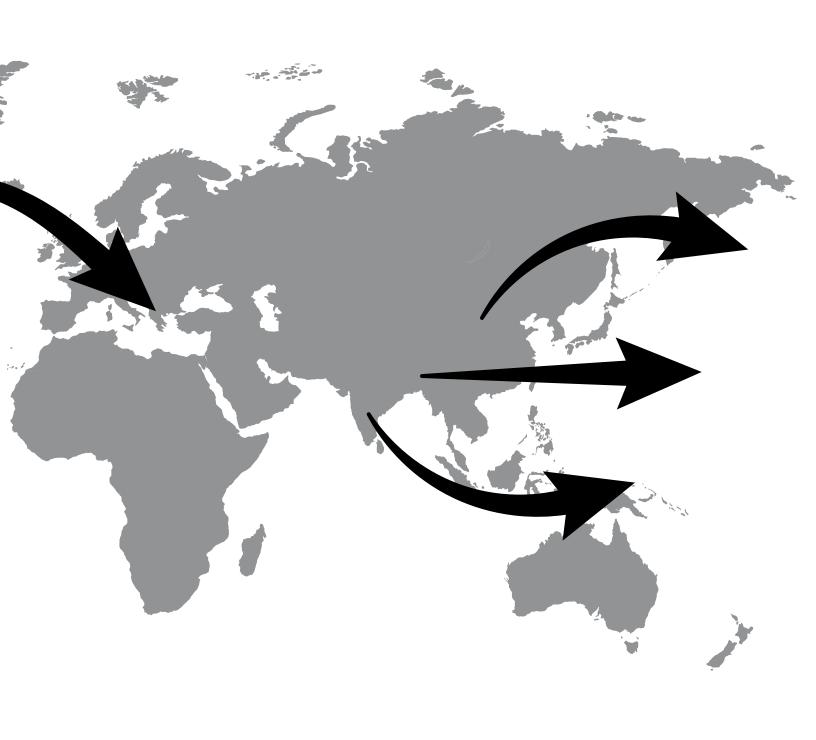
#### **PERSONAL SUPPORT**

At PSP Seals, we listen closely to your needs and provide simple yet innovative and cost-effective solutions. Our customer service, technical support, engineering, and warehouse capabilities are centrally located in Fort Wayne, IN to fulfill your sealing requirements. Our ISO 9001:2015 certification provides a basis for our continual improvement in service and support.



A wholesale distributor since 2000, PSP Seals (ISO 9001:2015) is an engineering driven, stocking distributor specializing in customized sealing solutions including kitting & packaging.







## Notes

# Notes



