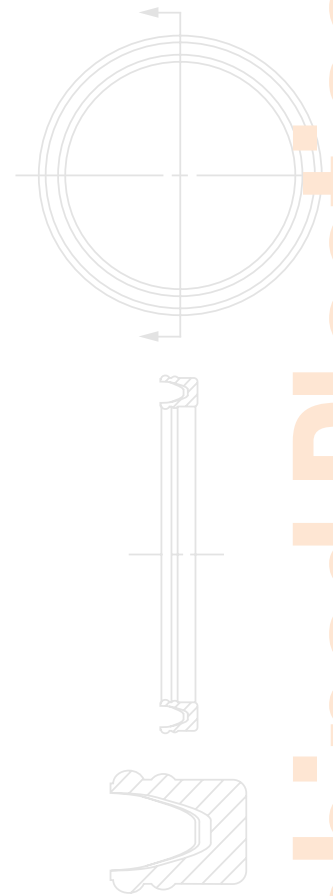


O-Rings & Kits
Standard Seals
Wipers
Rod Seals
Piston Seals
Compounds
Specialty Parts
Services

Custom Machined Plastics

QUALITY | VALUE | SERVICE



Machined Plastics





An engineered advantage.

There's no room for compromise if your business relies on lasting, consistent quality seals. J Royal supplies seals and related customer-designed parts to OEMs in the fluid power, chemical processing, agricultural, food & beverage, plumbing, wind energy, aerospace, automotive and other markets. Our manufacturing processes include injection, compression and transfer molding as well as machined plastics.

J Royal not only supplies the best sealing products but also offers in-house engineering, on-site sales support, and knowledgeable customer service. For all your sealing needs, please call 800 626 8807.

QUALITY | VALUE | SERVICE

TYPES OF MACHINED PLASTICS



SPRING ENERGIZED

A rigid plastic such as PTFE, UHMWPE, Acetol, PEEK or nylon is used in conjunction with a metal spring. Available in many different filled PTFE and spring force combinations.



VEE-STACKS

A multiple stack of vee rings and adapters to pack glands for applications with large radial deflections. New improved design with snap-together components in a combination of thermoset rubbers, filled PTFE and thermoplastic parts.



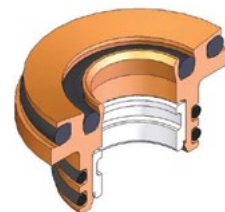
U-PACKINGS

A PTFE jacket with a thermoset rubber core used to re-pack worn stems on gate valves. The two materials are joined during manufacturing with a chemical and mechanical bond.



CUSTOM ROTARY

For severe rotary applications a bonded thermoset rubber or thermoplastic to a PTFE cap is required. This combo seal will reduce friction torque and can handle higher temperatures and greater eccentricities than conventional rotary seals.



CUSTOM DESIGN

With our highly trained engineers, J Royal can design a custom seal for even the most complex applications. We love a challenge and have the experience to design a working solution on time and on budget. Just ask!



Exceeding your expectations.

There's a reason J Royal is a leader in the sealing business. Our customer service is unmatched in the markets we serve, we have large accessible inventories, we have multiple locations, we have quality control systems in place, and an expert consultative sales staff available. J Royal's mission is to exceed the expectations of our valued customers. Quality, value and service is what you can expect from J Royal.



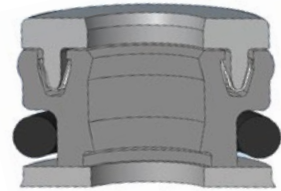
MEDICAL

The medical market demands only the best suppliers and J Royal is a leader in the medical field. We understand the stringent requirements and know the products. Whether a seal is required for a new artificial joint, surgical tool, dialysis pump or MRI machine, J Royal has the in-depth experience to ensure your product's success.



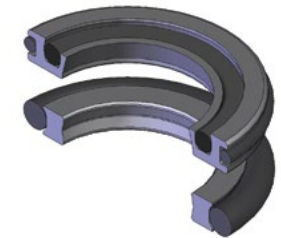
OIL & GAS

From upstream to downstream applications, J Royal has a proud history of producing solutions to the oil and gas markets. We've provided the perfect seals for BOP, MWD, JARS, injection pumps, petrochemical processing and cutting tools.



ROBOTICS

Robotics is an ever-evolving field and requires a company that's constantly a part of that leading edge. We can provide seals from pneumatic activators used in manufacturing to the most complex robotics used in clean room applications or nuclear facilities.



PUMPS & VALVES

With so many different types and sizes of pumps and valves moving many different mediums, a quality supplier like J Royal is essential. J Royal has numerous seal materials and in a wide range of sizes for such a market.



AUTOMOTIVE

J Royal has this segment covered bumper to bumper. We've provided seals for suspensions, transmissions, engines, sensors, turbo chargers, fuel systems and just about every other area that demands the perfect seal.



WIND ENERGY

As renewable energy demand grows, J Royal is at the forefront with custom seals designed precisely for that industry. We're experienced in seals for power generators and excluders. And working with us is a breeze.



FOOD & BEVERAGE

J Royal satisfies this market's appetite for fine seals. We seal the soda machine's syrup, help perfect pumping chocolate and serve up solutions unique to that business. We have an impressive inventory of FDA, NSF and USDA approved materials that easily meet the crucial demands of the food & beverage industry.



NOTE: Capabilities shown in this brochure are directly related to design tolerances. Please consult with J Royal for your specific application.

Why Industry Leaders Rely on J Royal

GLOBAL REACH – LOCAL RELATIONSHIPS

For over 60 years, J Royal has provided quality sealing solutions to a diverse group of markets. Our knowledgeable staff is highly regarded in the industry for its ability to consistently provide optimal design recommendations and its commitment to building long-standing, prosperous relationships. What sets J Royal apart is its broad product base, unbeatable product knowledge, extensive logistics and distribution capabilities, and progressive engineering skills, all supported by global resources.

THE J ROYAL ADVANTAGE

Our products fit nearly every category:

- O-Rings
- Wipers
- Precision Metal Products
- Machined Plastic Parts
- Compounds
- Custom Molded Parts
- Piston Seals
- Rod Seals
- Standard & Custom Seals

PARTNER OF CHOICE

J Royal has the team to not just meet your needs but surpass your expectations. From local sales support and design assistance to quotation and quality assurance, we are ready to support you as an integral member of your supply chain.



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