



PRODUCT BULLETIN

Custom Molded Rubber Parts

Quality. Service. Expertise.

Important characteristics when choosing a custom molded rubber component manufacturer and words that define *Precision Associates, Inc.*

Partnering with PAI brings sixty years of experience in providing close tolerance, precision molded seals. Beginning with customer specifications and drawings, our engineers learn your expectations and specific performance needs to propose a solution and design recommendation.

Our on-site tooling facility assures molds are produced rapidly and economically so that a custom solution can be delivered almost as quickly as standard sealing solutions.

Part size capability runs from micro-miniature seals to 36 inches outside diameter.

We manufacture the *World's Smallest O-Ring!*



PAI manufactures homogeneous thermoset rubber components and complex parts. Some may involve bonding to a substrate, such as, metal or plastic. These parts are called "inserts". The bond may be achieved by mechanical or chemical means. Operating temperature, pressure, function and insert composition determine the type of elastomer best suited for the product's final use.

Compound selection is a critical step in producing a successful seal and customers put their trust in our materials. Precision Associates has over 1000 formulations available. If something special is required, chemists in our on-site lab will develop a recipe specific to the part's application.

Proudly certified ISO 9001:2008, our processes are designed to delivery top quality parts. All production is lot controlled to ensure that traceability is maintained throughout manufacturing. Each lot of rubber parts is 100% visually inspected for defects prior to shipment.

PAI has experts in compound development, tool manufacturing, and rubber molding to guide your project to a successful result!

Contact us today!



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Ask us about our complete line of products:

- **Standard O-Rings**
- **Special Size O-Rings**
- **U-Cups**
- **V-Rings**
- **Rod Wipers**
- **X-Rings**
- **8-Rings™**
- **Multiseal® Low Friction Seals**
- **Kurv-Bak™ Hard Rubber Backup Rings**
- **Rubber Balls**
- **Medical Seals**
- **Custom Molded Rubber Components**
- **Machined Engineered Plastic Components**

After 60 years in the rubber business, we've learned to be flexible. We'll bend over backwards to design custom solutions that meet your needs *precisely*. PAI is the company you can trust for rubber seal solutions YOUR WAY!

- Over 1,000 different compounds
- More than 2,600 O-Ring Sizes
- On-Site Mold Shop
- Custom Molding
- 99% on-time delivery
- ISO 14644-1 Class 7 clean room

www.PrecisionAssoc.com