



Medical Seal Solutions **YOUR WAY!**

For over 54 years Precision Associates has been a leader in precision molded rubber seals. We have always specialized in close tolerance, 100% inspected products.

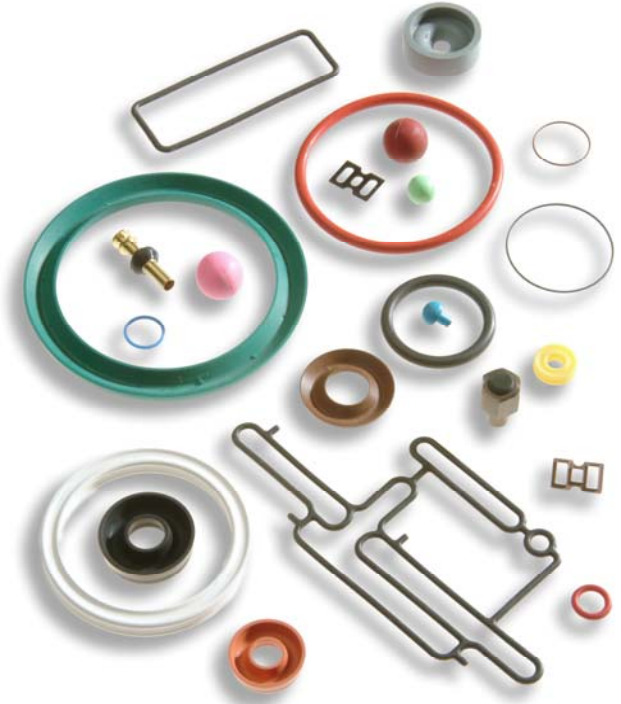
With over 2,100 O-Ring sizes and many other catalog seals, we frequently will provide you an off-the-shelf solution. Our In-house tooling facility can readily make a mold to meet custom requirements.

PAI currently has more than 1,000 different compounds. Materials range from 25-95 durometer in 20 elastomer families.

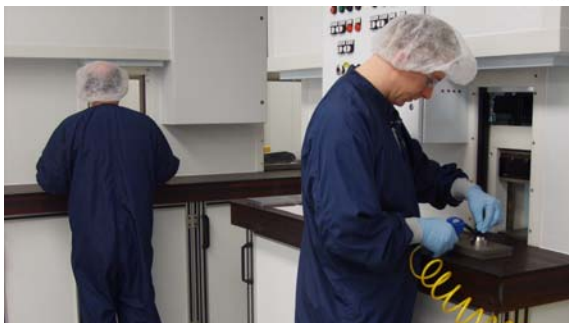
Elastomers most commonly used by PAI for medical applications:

- Silicone - FDA, USP VI & Biomedical
- EPDM - FDA & USP VI
- Fluoroelastomer (Viton®) - FDA & USP VI
- Hydrogenated Nitrile (HNBR) - FDA
- Nitrile - FDA
- Perfluoroelastomer (P-REX™) - FDA & USP VI

In some Elastomer groups we can make every color of the rainbow as well as crystal clear and black compounds. Many materials meet FDA and/or USP Class VI requirements. If none of our existing recipes meet your needs, PAI can develop a proprietary compound specifically for your application.



When required, items intended for medical use can be produced in our ISO 14644-1 Class 7 Clean Room (Federal Standard 209E Class 10,000). All stages of rubber production from mixing of rubber compounds through packaging are performed in the facility, including cryogenic and mechanical deflashing.





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We currently produce rubber seals used in these medical applications:

- Gas Handling
- Electronic Monitoring
- Blood Handling
- Vaccine and Medicine Delivery
- Surgical Instruments
- Hearing Aids
- Laser Devices
- Drainage Systems
- Laboratory Equipment
- Medical Electronics
- Prosthetics
- Dialysis/Renal Care
- Urologic/Gynecologic Equipment
- Ophthalmic Lense Production
- Endoscopy
- CTO Recanalization
- Dental Instruments
- Dental Implants
- Veterinary Equipment
- Pharmaceutical
- Biotech

