

# Fluidseal

**Sealing Solutions** for the Process Manufacturing Industry

Process manufacturing in the Food and Beverage, Life Sciences, Chemical, Pharmaceutical, Co2 Extraction, and Biotechnology industries requires the right sealing components for the job at hand. With extreme temperature conditions, aggressive media, high hygienic standards and safety requirements, the demands are unique. As the distributing partner for Parker Hannifin Corporation, Fluidseal Inc. offers the highest quality and economically efficient seal management solutions for you and your team.

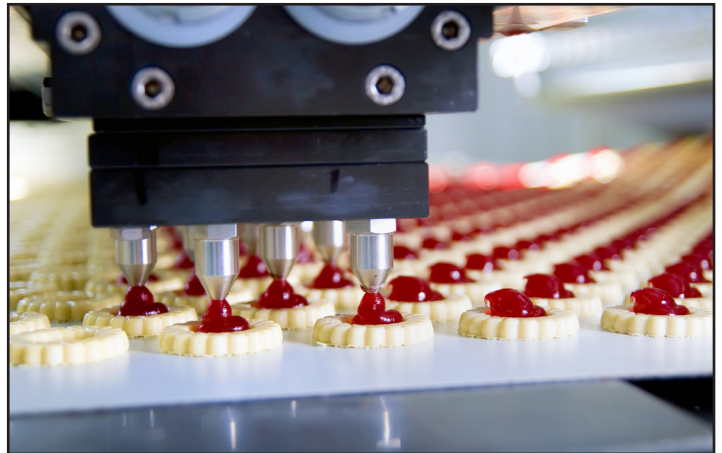


[www.sealsonline.com/fluidseal](http://www.sealsonline.com/fluidseal)

## Process Manufacturing Industry

**Common O-Ring Sealing Materials used in the processing industry include:**

- Ethylene Propylene (EPDM, EPR)
- Fluorocarbon (FKM, FPM)
- Nitrile (NBR)
- Highly Fluorinated Elastomer (HiFluor)
- Perfluoroelastomer (ULTRA-FFKM)
- Silicone (VMQ)
- [Life Sciences Material Reference Guide](#)
- [FDA and USP Class VI O-Ring Materials](#)
- [O'Ring Sizing Chart](#) 2-xxx Series
- [O'Ring Sizing Chart](#) 3-xxx Series



### Highlights of common O-Ring Materials used:

**[E1244-70](#)** USP Class VI and USP <87> Internally Lubricated EPDM used in medical devices and pharmaceutical manufacturing applications that involve dynamic motion

**[E3609-70](#)** ISO 10993-5 Compliant EPDM (Evaluates materials for their potential to kill cell cultures) and ISO 10993-10 Compliant EPDM (Tests materials for sensitivity and biological response) with excellent resistance to repeated steam, gamma, ozone, and ethylene oxide sterilization

**[V1274-80](#)** USP Class VI Biocompatibility for Pharmaceutical Processing, Steam Sterilizers and disposable and repeatable Medical Device sterilization

**[HF355-65](#)** HiFluor High Performance Fluoroelastomer for Life Sciences



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### Product Brochures: Sealing Products include:

- [Hygienic Sanitary Gaskets](#)  
Compression Controlled Gaskets for Biopharmaceutical, Food and Beverage Applications
- [Clean EPDM Gaskets](#)  
For Food and Beverage and Pharmaceutical Applications
- [Extruded Resealable Septa](#)  
Medical Grade Sealing Solutions
- [Specimen Vial Sealing](#)  
Preventing Contamination for Medical Specimen Vials
- [Polyurethane and Pebax Tubing](#)  
USP Class VI certified Medical Grade
- [Moldable Polyurethanes, Extrudable Polyurethanes and Machinable Polymer-Filled PTFE](#)  
Standard and Custom blended PTFE for Seals, Devices and Special Shapes used in Medical Applications
- [Expanded PTFE Joint Sealant](#)  
FDA compliant, 100% virgin Expanded PTFE



### Product Manuals:

- [Sealing Solutions for Life Sciences Manual](#)  
Sealing solutions specially developed for the process industry in accordance with hygienic design and materials with industry-specific approvals
- [Parker Hannifin O-Ring Material Offering Manual](#)
- [Fluidseal Line Card](#) Product Overview
- [Fluidseal Catalog](#) Solutions for all Sealing Applications





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### Certifications:

- **ISO 9001: 2015** Fluidseal Inc. Certificate of Registration

### Contact Information:

We are eager to partner with you for all your sealing requirements related to the processing field. If you would like further information on our products, including pricing and lead times or would like to have a Fluidseal representative meet with your development group, please reach out to us. We look forward to serving you. [www.sealsonline.com/fluidseal](http://www.sealsonline.com/fluidseal)

We provide 3-A Sanitary Standards, FDA, USP, ADI FREE, NSF and WRAS certified products for use in the process manufacturing industry.

