

Sealing Solutions

for the Fluid Power Industry

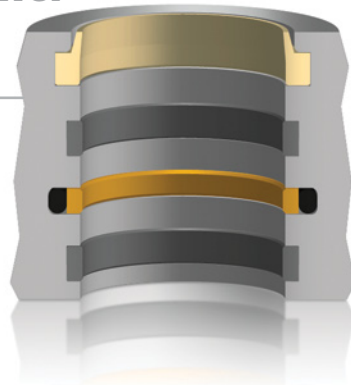
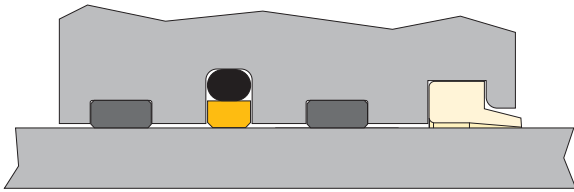
The Seal Specialist

www.gallagherseals.com

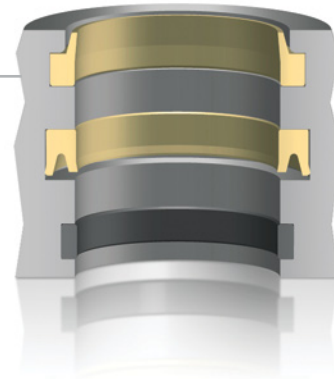
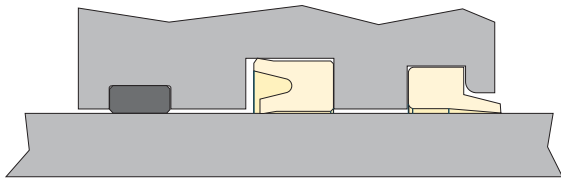
SEALING SYSTEMS

Common Rod Sealing Systems for Fluid Power

Rod Sealing System 1

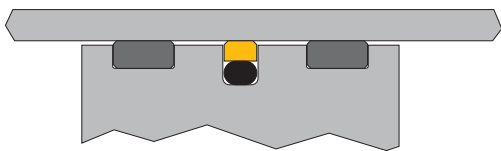


Rod Sealing System 2

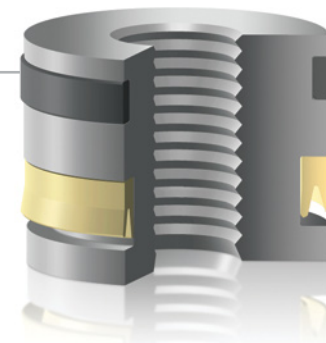
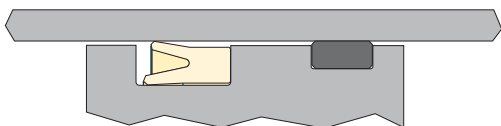


Common Piston Sealing Systems for Fluid Power

Piston Sealing System 1



Piston Sealing System 2



FLUID POWER SEAL PROFILES

Common Rod Seal Profiles

Slipper Seal



Cap Seal



Step Seal



Scraper



Scraper



U Cup



Scraper



Spring Energized



Rod Wear Ring



Common Piston Seal Profiles

Slipper Seal



Cap Seal



Step Seal



Piston U Cup



Piston Wear Ring



Spring Energized



These are a few of the more common rod and piston seal profiles for the fluid power industry. Gallagher Fluid Seals can readily recommend one of these profiles for your application, or design a new seal for your more demanding applications. Let Gallagher use our experience and expertise in the fluid power industry to help you select the best seals for your application.

Materials Common to Fluid Power

Polyurethane (AU) • Fluorocarbon (FKM) - Viton® • Polytetrafluoroethylene (PTFE) - Teflon®
Nylon (PA) • Nitrile (NBR) • Ethylene Propylene (EPDM) • Polychloroprene (CR) - Neoprene®
Viton, Teflon, and Neoprene are registered trademarks of DuPont Co.

GALLAGHER Fluid Seals, Inc.

Gallagher Fluid Seals specializes in the application, design and distribution of fluid seals. Applying our over 50 years of experience, clients can utilize our expertise to retrofit an existing design for improved performance or discuss a new application with our engineering staff.

We offer a full range of elastomers and high performance sealing devices. Capabilities include low friction materials for reciprocating and rotary service along with designs for static sealing in high pressure conditions or for harsh environments.

ISO 9001:2000

QMI Certification # 802278

Engineering Services

- Degreed Engineers on staff
- Application Design Assistance
- Seal Design & Selection
- Material Selection Expertise
- AutoCAD® & FEA Services
- Seal Evaluation & Failure Analysis
- Technical Training & Seminars
- Field Testing Evaluation, Onsite Seal Installation Assistance

Materials Management

- Extensive inventory available for immediate shipment
- Packaging: Bar Coding, Color Coding, Kitting
- Kanban Programs, JIT Delivery, Blanket Orders
- Integrated Supply/Managed Inventory
- Electronic Data Interchange
- Authorized Distributor for the leading seal manufacturers

GALLAGHER Fluid Seals, Inc.

500 Hertzog Boulevard

P.O. Box 61367 • King of Prussia, PA 19406-0857

Tel: (610) 277-8200 (800) 822-4063 • Fax: (610) 277-3850 (888) 280-4235

info@gallagherseals.com • www.gallagherseals.com