



Seals for the Oil and Gas Industry

Machined Components
High Technology Specialty Seals
Related Oilfield Product Designs



OEM Components, Inc. is a world recognized leader in manufacturing original equipment components in the oil and gas industry.

OEM has earned a reputation for design innovation, reliability and quality as a leading producer of surface and subsurface drilling and completion seal systems. OEM pioneered the highly successful wire mesh sealing technology and holds several design patents.

As oil-well drilling depths go deeper and conditions and requirements become more severe, OEM is committed to developing the next generation of advanced sealing systems.

Engineering Design and Supply

For over fifty years, OEM has supplied high performance sealing technology to meet the aggressive demands of the oil and gas industry.



OEM provides seal design, component and product engineering that comply with customers specifications.

OEM can also provide "Turnkey" manufacturing for:

- Sub Assemblies
- Complete Assemblies

to our customers drawings and specifications

Because of the breadth and scope of our contacts, OEM has secured a stable supply base that gives our customers assurance of supply.

Put OEM's depth of knowledge in sealing technology to work for you on your most challenging requirement. We have the engineering and field experience to design custom solutions for your unique needs.

The OEM Advantage:

- Turnkey Manufacturing Capabilities
- Superior Sealing Technology
- Broad Range of Sealing Systems
- Technical Support and Custom Engineered Solutions
- Continuous Improvement Quality
- Assurance Philosophy
- ISO 9002 Certification
- Competitive Pricing
- On-time Delivery



Christian Scholler, President of OEM Components, Inc.

Discover OEM's High Performance Sealing Technology.

With patented versatile flexible wire mesh, Dual-Pac seals, M-Pac Seals, ATM stacks, and other sealing systems, the benefits realized include sealing under high pressure and multiple reversal without sealing failure. Additionally, wire mesh reinforced seals bring unique reinforcing and sealing characteristics to the product creating breakthrough solutions. Best of all, the customer receives this leading edge performance without increasing cost.



ECNER Packing Element System

The wire-mesh and brass ring ends within the ECNER Array allows it to perform at a high pressure level.

Field application tested up to 15,000 psi and working pressure up to 450°F in both permanent and retrievable packers. **NBR, HNBR, AFLAS, FKM**



Soft Set Seal

This seal system used in steam injection and other well applications provides service up to 625°F. **AFLAS ELEMENT**



Premium Seal Assembly

Sealing system designed for service up to 450°F and 15,000 psi. **AFLAS FKM**



Dual-Pac Seals

Bi-Directional sealing system for both static and dynamic sealing applications. Has replaced bonded seals: one dual pack may replace multiple bonded seals. Field service tested up to 15,000 psi. **HNBR, FKM**



M-Pac Seals

Used with blowout preventers and pop-off valves. Field tested up to 1400°F and 22,000 psi. **HNBR, FKM**

OEM also manufactures seals incorporating:

- Engineering Thermoplastics (PEEK, PTFE, Ryton)
- Composites - Phenolics, Epoxies (glass/carbon, fiber)
- Metals



72 compression molding presses and two rubber extruders which pre-form elastomeric shapes prior to final molding

Turnkey Manufacturing Capabilities

- In-House Mold Preparation
- Machining
- Composite Winding
- Rubber to Metal Bonding Products
- Custom Molding
- Milling
- Sawing
- Compression Molding
- Wire Mesh
- Post-Curing



OEM capabilities offer the industry superior solutions to high profile problems. These solutions are developed as a team with our clients.

Physical Testing Lab / Quality Control

Physical property tests are conducted on incoming raw rubber compounds and other raw materials to ensure that only qualified materials are used in seal production.

At OEM, quality control checks and a continuous improvement philosophy have established a strong Quality Assurance system.

Dimensional Quality Control Lab

Tests are conducted to ensure that specified tolerances are met.

- Cure Curves Measurements Ts2, T50, T90, MH-ML
- Ultimate Tensile Strength
- Modulus
- Elongation, percent
- Shore and Rockwell Hardness
- Dimensional Measuring Equipment - Optical Comparator (2)



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