



MECHANICAL SEAL REPAIR PROGRAM



TRUST THE EXPERTS TO HANDLE THE REPAIR

Flex-A-Seal has an on-going commitment to repair any mechanical seal style regardless of the manufacturer. Our repair reputation is built on evaluation, analysis, and troubleshooting seal failure with a focus on providing reliable, long-term solutions. To meet our customers' needs we maintain a staff of experienced repair technicians, provide on-site technical support, and offer customized repair and exchange programs.

Our repair facilities are staffed with knowledgeable product support teams and advanced diagnostic and machining capabilities. And now with the addition of Flex-A-Seal Service Solutions in Shreveport Louisiana, we are strategically located near some of the largest industrial markets in the USA enabling even faster response time for critical sealing needs. Service Solutions' full-service facility and team members have over 45 years of experience in industrial sealing maintenance and repair.

Flex-A-Seal invites you to see why we are the top resource for seals repaired to like-new condition and economical exchange programs of brand-new, application-compatible Flex-A-Seal seals. We also offer troubleshooting and restoration of your sealing systems to prime operating conditions, enhancing your facility's bottom line.



FLEX-A-SEAL SERVICE SOLUTIONS

Southern United States Repair Facility

We know that you can't afford the costly downtime that can result from a failed seal. Our customers have always demanded industry-leading expert repair services, and we have delivered. Now we are pleased to offer our customers access to increased efficiency and technical skill with the opening of Flex-A-Seal Service Solutions.

Operating in Shreveport, Louisiana, Flex-A-Seal Service Solutions provides customers with fast, high quality mechanical seal repair. As an extension of the Flex-A-Seal headquarters, the Service Solutions branch increases the efficiency of our repair capabilities. Flex-A-Seal acquired H&S Sealing in 2017, integrating their 45 years of combined technical experience in seal repair. Our teams in both locations are now strategically positioned to expand our tradition of providing the industry's best customer service, fast turnaround times, and expert support.

- **Laser Alignment** – Service Solutions offers this fast and accurate option for your rotating equipment. Reduce expensive maintenance and personnel downtime while providing optimal operating conditions.
- **Dynamic Balancing** – Service Solutions is qualified to evaluate and restore the correct dynamic balance to an extensive range of machinery. Don't allow operational vibration to stress and severely damage your seals and rotating equipment!
- **MTBF Tracking** – Service Solutions' MTBF program monitors your critical equipment. We track the issues causing unplanned downtime and offer solutions to significantly reduce equipment and seal failures.
- **CNC Machining Capabilities** – The Service Solutions technicians have extensive knowledge and machining experience. These skills enable the team to quickly and efficiently process seal repairs, getting your equipment back into operation with minimal interruption.
- **On-site Field Services** – The Service Solutions technicians are available to come to you! On-site service enables us to evaluate and troubleshoot equipment in its operating environment.

FLEX-A-SEAL REPAIR PROCESS

Cleaning, Evaluation

- Decontamination
- Careful disassembly
- Examination of components for wear and damage



Estimating, Analysis

- Seal failure analysis is communicated to the customer, including recommendations for troubleshooting operating conditions to improve seal life
- Estimate options supplied for repair of the current seal to like-new condition and for an exchange to a Flex-A-Seal seal



Custom Manufacturing

- Reverse engineering of necessary components
- On-site machining capabilities
- Repair work done in-house for quick response



Testing, Assembly

- Quality inspection and pressure-testing to diagnose possible leak paths
- All seals – new or repaired – go through a detailed assembly process to ensure sealing integrity



Customer Service

- Application Engineering support
- On-site service options
- Personal communication throughout the entire repair process



FLEX-A-SEAL REPAIR CAPABILITIES

API Repair

Flex-A-Seal supplies sealing products to refineries all over the world. We are knowledgeable in the specific challenges of emission controls, high pressures, speeds, and temperatures as well as sealing toxic, corrosive, and flammable products. We understand the importance of ensuring a seal is repaired quickly and to API specifications for industry compliance and safety.

Mixer Seal Repair

Every mixer, agitator, and reactor model is distinctive and engineered for specific applications. When repairing a mixer seal, Flex-A-Seal evaluates the conditions in which the seal operates. This evaluation ensures we are repairing your seal for your parameters.

Reverse Engineering

Sometimes a failed seal is no longer a candidate for repair. Flex-A-Seal provides straightforward solutions from our comprehensive seal lines or upgraded options designed for your unique operating environment.

Competitor Repair & Exchange Programs

Flex-A-Seal offers various competitor seal repair and exchange programs. Contact us today to discuss your specific needs.



www.flexaseal.com
sales@flexaseal.com

HEADQUARTERS

1 Jackson Street
P.O. Box 184
Essex Junction, VT 05452

TEL 1-800-426-3594
1-802-878-8307
FAX 1-802-878-2479

SERVICE SOLUTIONS

4203 Pro Street
P.O. Box 29186
Shreveport, LA 71109

TEL 1-318-631-5400
1-318-631-5402

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