



## TEMPERATURE / FLAME RESISTANT SEALS



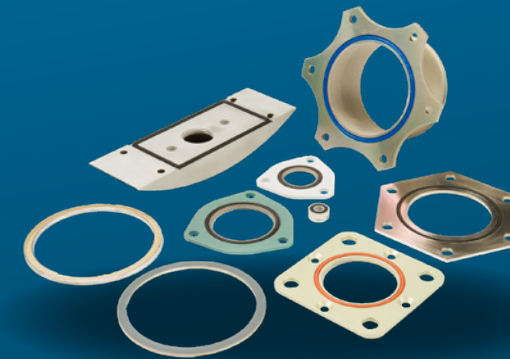
- › High-temperature silicone rubber: unsupported, fiberglass reinforced, fabric reinforced
- › Fire seals meeting FAA flame tests for aerospace applications
- › Jonsil SE-3601, an extreme high temperature, high strength silicone compound developed by Jonal

## REINFORCED & NON-REINFORCED SEALS



- › Aerodynamic aerospace seals fabricated from a variety of high performance elastomers and reinforced with fabrics including but not limited to polyester, aramid, fiberglass, ceramic, and nylon
- › Fabric-reinforced diaphragms, accumulators, and seals in complex geometries
- › Seals for jet engines, airframes, aircraft doors, hatches, and systems

## VULCANIZED BONDING

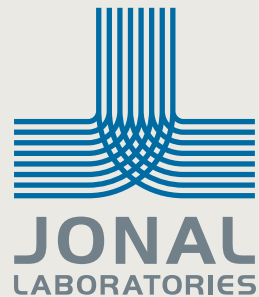


- › Elastomer-to-metal bonding
- › Bonding all types of elastomers to custom shapes
- › Materials include stainless steel, aluminum, titanium, composites, and plastics

## CUSTOM TECHNICAL ELASTOMERIC SOLUTIONS

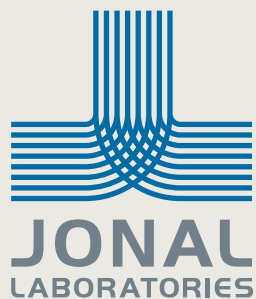


- › Specialty elastomer formulations that are electrically conductive and can be used in conductive seals and EMI / RFI shielding for military systems
- › Custom molded seals for extreme temperatures, challenging environmental environments, special chemical requirements, and unique material properties



**YOUR SOURCE FOR ELASTOMERIC SEALING SOLUTIONS**

*Aerospace & Defense*



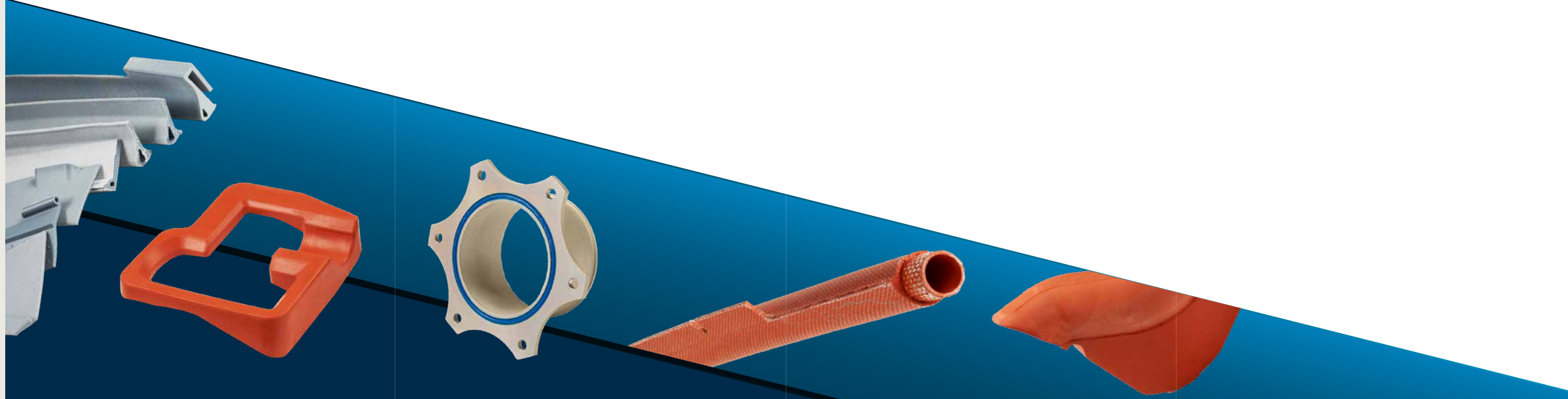
OUR MISSION IS YOUR MISSION



**JONAL LABORATORIES, INC.**

456 Center Street  
P.O. Box 743  
Meriden, CT 06450

Tel: (203) 634-4444  
Fax: (203) 634-4448  
[www.jonal.com](http://www.jonal.com)

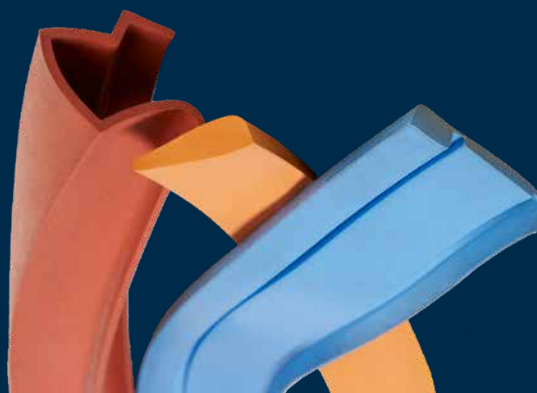


### WHY CHOOSE JONAL LABORATORIES

- › More than 50 years of experience in elastomeric parts
- › A commitment to meeting or exceeding customer expectations for elastomer product performance
- › Versatile and cost-efficient manufacturing techniques that enable us to respond on time and within budget
- › Diverse workforce of highly skilled, experienced, and trained technicians and craftspeople
- › Continued growth and success due to our commitment to quality, utilization of technology, and increased efficiency through lean manufacturing

### ENGINEERING DESIGN ASSISTANCE

Jonal does more than manufacture parts. We take a team approach to meet your design requirements, and our engineers, chemists, and manufacturing specialists will find you the best and most cost-effective solution.



### MATERIAL RESEARCH & DEVELOPMENT

Jonal Laboratories formulates and mixes compounds to achieve unique solutions. We work with elastomers including:

- › Silicone
- › Fluorosilicone
- › Fluorocarbon
- › Urethane
- › Nitrile
- › Polymer blends
- › Neoprene
- › Butyl
- › Ethylene-propylene (EPDM)
- › Natural rubber
- › Styrene-butadiene (SBR)

### QUALITY & PROCESS

At Jonal Laboratories, we are committed to quality, with extensive experience meeting AMS, ASTM, Mil-Specifications and the most demanding proprietary company specifications.

- › ISO 9001:2000 / AS9100
- › Registered by ASR (certificate # 6581)
- › MIL-I-45208
- › FAR 21
- › FAR 45
- › FAR 145
- › Specific customer specifications