



ENGINEERING SUPPORT

RSVP
DESIGN ASSISTANCE PROGRAM

DESIGN/ENGINEERING TEAM

The engineering department is the hub of design and customer services at Seal Master Corporation. It is comprised of a group of highly educated, skilled, mechanical engineers and consultants with combined experience spanning decades in industrial rubber. They collaborate to provide creative solutions to challenging design problems as a service to customers.



AREAS OF EXPERTISE

Seal Master engineers offer broad experience in a diversity of fields including nuclear, aerospace, computers, pharmaceutical, medical, marine, energy exploration and recovery, flood/water control, robotics and environmental projects. This staff provides proactive leadership for performance and utility of engineered inflatables, no matter the application. This of course, includes conventional industrial OEM, processing/production and laboratory equipment.

NO PROJECT TOO BIG OR TOO SMALL

Since 1974, Seal Master has designed and manufactured over 6,500 inflatable seals, actuators and other custom rubber parts. These range from the sealing systems for the massive hangar doors for America's Satellite Program at Cape Canaveral, Florida to products as small as a collar to harness laboratory mice. If it is a production run of thousands or a "one of a kind" specialty application, Seal Master can help.

GLOBAL PERSPECTIVE

In the United States, dozens of Fortune 500 companies, as well as the U.S. Government, rely on Seal Master for inflatable rubber specialties. The influence of Seal Master engineering and manufacturing prowess can be seen in applications in the oil fields of the Middle East...to utilities in India... to nuclear facilities in Korea... to NASA wind tunnel research operations... to life-preserving medical devices used in hospitals throughout the world... and to the sophisticated military equipment that protects our nation.



"HANDS ON" INVOLVEMENT

Upon a customer request for design assistance a Seal Master engineering team leader will be assigned to develop and "quarterback" your project. This could take various forms of communication interaction, whatever is necessary and appropriate to complete the project to your satisfaction in a timely manner. This could include:

- Plant visits
- Field support
- Tooling and engineering set-ups at the Seal Master plant.

We invite you to call 1 (800) 477-8436 to discuss your project. We'll have a few questions and a lot of answers!

TAKE ADVANTAGE OF THE RSVP DESIGN ASSISTANCE PROGRAM!

Seal Master welcomes appropriate reference material that shows, amplifies and explains the parameters of your project (seals, actuators, grippers or other). This can be in the form of:

- Solid Models
- Solid Works
- Traditional CAD Images
- Sketches
- Photos

Specifically, we need to know the following:

- What is being sealed (or other)
- Temperature range
- Dimensions of gap to be sealed (or other)
- Pressure considerations
- Length of seal (or other)
- Inflation source
- Strip or continuous loop
- Is inflation radially in, radially out or axial?
- Environment and chemical conditions

The RSVP questionnaire, which when completed and forwarded to Seal Master, will provide basic information for our subsequent analysis, recommendations and cost estimate. This applies not only to new projects but also offers the opportunity to revisit and update previous projects as well. Download this form from www.sealmaster.com.

We suggest that you contact the Seal Master Sales Department at the same time since its staff will likely be able to provide related information about your application based on nearly four decades of experience. We also suggest that you visit the Seal Master website to get an idea of the broad range of applications served by our inflatable engineered products.

"Technical expertise, enthusiasm, creative problem solving, unmatched experience and follow-through... that's Seal Master for sure!"



SEAL MASTER CORPORATION

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