INNOVATING FOR EXCELLENCE

For almost 50 years, State Seal Company has been a model of reliability and unsurpassed value. Today, as a recognized innovator in the industry, we continue to provide our customers with exceptionally high levels of service and quality.

MARKETS SERVED

AEROSPACE
Machinery and components for Air and Space environments.

AFTERMARKET | HIGH PERFORMANCE
Racing/Performance for Motorcycles, Marine and Automotive Engines.

CHEMICAL
Chemical processing producing a wide variety of solid, liquid and gaseous materials.

CONSUMER
Appliances, consumer electronics, water systems and food & beverage equipment.

FLUID POWER
Hydraulic and pneumatic systems or components.

GENERAL INDUSTRIAL
Manufacturing or processing of products or components.

LIFE SCIENCES
Medical devices, diagnostic & lab equipment and pharmaceutical manufacturing.

MILITARY
Government weapons, vehicles, surveillance and security.

POWER GENERATION
Electrical power generation facilities.

RENEWABLE ENERGY
Naturally replenished energy from sunlight, wind, rain, tides and geothermal services.

SEMICONDUCTOR
Design and fabrication of semiconductor devices.

SMALL ENGINE
Two and Four Cycle engines used in lawn and garden equipment.

TELECOMMUNICATIONS
Transmission of signals over a distance for the purpose of communications.

TRANSPORTATION
Railways, subways and marine.
PRODUCTS WE OFFER

State Seal supplies a comprehensive range of sealing, gasketing and damping components. As an authorized stocking Distributor/Fabricator for the leading brands in the industry, we offer our customers a single source for all their sealing and die-cut components.
SEALS

Standard rubber, plastic, metal molded or machined parts. From AS-568 o-rings to extrusions and backup rings, we stock a wide array of sizes and compounds.

- Lathe Cuts
- Back-up Rings
- Oil Seals
- Encapsulated Seals
- PTFE
- Extrusions
- Perfluoronated Elastomers
- Metric
- O-Lube
- Stat-O-Seals
- Quad Rings

COMPOSITE SEALS

Custom and Standard metal to rubber over-molded parts. Rubber bonded-to-metal or rubber bonded-to-plastic seals and other composite seals are available in an enormous range of sizes, configurations and tolerances, including custom engineered to meet the specific and special requirements of your job.

- Fastener Seals
- Fitting Seals
- Gasko-O-Seals
- Integral Seals
- Metal Seals
- Thread Seals

CUSTOM MOLDED PRODUCTS

Molded rubber products for sealing systems and isolation applications. We offer full design and engineering support to assist our broad base of customers in obtaining the highest quality custom molded shapes.

- Face Seals
- Custom Profiles
- Boots
- Bellows
- Diaphragm
- Check Valves
- Grommets
- Thermoplastic
- Rubber Products
- Nitrile/NBR
- Viton
- Silicone
- EPDM
- HNBR
DIE CUT/STAMPED PARTS

We convert/fabricate a wide range of material types and thicknesses for use in applications such as insulation, cushioning, friction control and dampening. Because of our strong relationships and deep discounts with the most prominent factories in the world, State Seal is able to offer the most competitive pricing and lead times in the industry. Our wide-ranging inventory of raw materials enables us to respond quickly to volatile demands. Our extensive equipment enables us to slit, laminate or sheet material to obtain the best format to fabricate. Our modern presses are automated to provide the best nesting and usage/material yields to reduce waste.

HIGH TEMPERATURE/METALLIC MATERIALS

Used in demanding automotive, heavy duty diesel and compressor environments.

» Exhaust Gas Recirculation (EGR)
» Heat Shields
» Rubber Coated Metal (RCM)
» Graphite
» Metal Reinforced
» Steel Reinforced
» Vermiculite

VIBRATION CONTROL AND DAMPING

To absorb vibration, provide acoustic insulation and noise Damping.

» Decking Seals
» Gap Fillers
» HVAC Seals
» Silicone Sponge
» Open and Closed Cell Sponge Rubber
» Motor Mounts
» Urethane Foams

FOAMS AND FILTRATION

To filter water and air, and as a barrier to control debris. Environmental sealing applications for weather-proofing components.

» Polyurethane
» Polyethylene
» Non-Wovens
» Urethane Foams
» PVC Foam Tape
» Access Doors
» Panel Gaskets
» Low Closure Force Seals
» Open/Close Cell Sponge
GASKETS
To seal components from solid, gas, or liquid leakage. Our extensive selection of sheet and roll goods cover any gasket application requirement.

» Flange Gaskets
» Head Gaskets
» Crank Case Cover
» Compressed Sheet

» Beater Ad
» Garlock
» Spiral Wound
» Red Rubber Packing

FLUID POWER SEALS
Hydraulic and Rotary seals for containment of fluid and contamination prevention. Power seals are produced in all of the standard filled or unfilled configurations from compounds commonly used in hydraulic or pneumatic fluid power components.

» Shaft Seals
» Rod Wipers
» Spring loaded PTFE Seals
» U-Cups

» V-Packings
» Wear Rings
» T-Seals
» Poly-Paks

ELECTRO MAGNETIC INTERFERENCE (EMI)
Used in combating Electro Magnetic Interference or Radio Frequency Interference (RFI). Conductive elastomers have the ability to provide good electrical conductivity across an uneven interface between the flange and the gasket.

» Shielded Vents
» Conductive Plastics
» Cable Shielding
» Grounding Tabs
» Wire Mesh

» Metal Gaskets
» MIL-DTL-83528
» Conductive adhesives
» Corrosion Control Elastomers
THERMAL
To absorb and/or distribute heat to protect surrounding components and instrumentation.

» Phase Change Material
» Gap Fillers
» Insulator Tabs
» Thermal Grease

» Heat Spreaders
» Thermal Interface Materials (TIM)
» Dispensable Thermal Gels

TAPES | ADHESIVES | FILMS | FOILS
Thin gauge products used in a variety of applications. Materials used in bonding, masking and fastening environments.

» Adhesive Transfer Tapes
» Double Coated Tapes
» Membrane Switch Spacers
» Labels
» Very High Bond (VHB) Tapes

» Pressure Sensitive Adhesives (PSA)
» Permanent / Repositionable Adhesives
» Kiss cut to roll
» Hook and Loop

LIQUID DISPENSED
Robotically dispensed gasket materials for tight dimensional sealing requirements. Applied to metal or plastic substrates, this process accurately places beads on flanges as small as .035”. The software driven precision significantly reduces material waste.

» Form-in-Place
» Dispensed Gap Fillers
» Liquid Adhesives
THE POWER TO PROCESS

FABRICATION CAPABILITIES:
Our extensive equipment and tooling capabilities enable us to process any part. From small to large, from 10 to 10 million in volume, we have the resources to make it happen.

» Steel Rule Die Cutting
» Class A Hard Tooling
» Forming
» Compound
» Progressive
» Rotary Die Cutting
» Kiss Cutting & Rewind
» Die-Less Cutting
» Rapid Prototyping

» Sheeting, Slitting and Laminating
» Pressure Sensitive Adhesive (PSA)
» Custom Sizing
» Custom Splicing and Bonding
» Custom Spliced O-Rings
» Picture Frame Seals

With the ability to support both rapid prototyping and volume production, State Seal can be your one-stop-shop for a wide variety of components.
Our highly trained and technically oriented sales staff is ready to offer product selection assistance as well as design and engineering support.

Whether it be custom die cut EMI shielding to standard ANSI flange gaskets, military specification O-rings to complex molded rubber shapes, our diverse product offering will meet your application requirements.

**DIE-LESS KNIFE CUTTING:**
Our state of the art Die-less knife cutting machine, gives State Seal the capability to process parts with little to no upfront cost. The fully programmable CNC oscillating head can cut a wide array of materials providing improved tolerances, yield and cleaner edges than traditional cutting methods.

» Rapid Prototyping
» Testing Samples
» Import CAD/DXF Files
» Proof of Concept
» Low Volume Production

**METAL STAMPING CAPABILITIES:**
State Seal is a premier manufacturer of custom precision, Progressive, and prototype metal stamping.

Custom metal stamping requires the expertise of experienced engineers and tool & die makers who can execute the most complex shapes for the most demanding applications. We offer a complete range of metal fabrication capabilities, from simple blanking, coining, and drawing, to complex progressive stamped parts.

**PROCESSES:**
- Custom Stamped Metal Parts
- Prototype Metal Stamping
- Forming
- Progressive Stamping
- Sheet Metal Stamping
- Value-Added Assembly Services

**MATERIALS:**
- Aluminum & Galvanized Aluminum
- Steel, Steel Alloy, Stainless, Galvanized, Hot Rolled, Cold Rolled, Pickled & Oiled
- Brass
- Copper
- Rare Alloys and Other Materials
SOLUTIONS THAT ADD STRATEGIC VALUE

To complement our expansive product line, we offer a number of strategic services to support our customers in maximizing their efficiency.

**INVENTORY MANAGEMENT:** Kanban, Vendor Managed Inventory (VMI), Consignment, stocking programs along with specialized or customized programs.

**PACKAGING/LABELING:** 2/3D Bar-coding, Individual/lot segregation, Packaging in accordance with AMS 2817 and Mil STD 130.

**LIGHT ASSEMBLY:** Kitting, part marking, subassemblies.

**ENGINEERING SUPPORT:** Final design and application guidance, material selection, drawing services (CAD).
Our success is founded on customer satisfaction through consistent high quality.

Utilizing the latest in measuring technology, our in-process inspection ensures all parts meet specifications. State Seal Company is registered ISO9001/AS9100 and committed to the continuous improvement of our quality system.

In addition, our laser inspection machine and software provides a non-contact system that can be used for Statistical Process Control (SPC), deviation analysis and reverse engineering.

We also provide all necessary documentation, from a simple Certificate of Conformance to complete certification packages such as Pre-Work Authorizations (PWAR), AS9102 first-article (FAIR's), APQP Level 3 PPAP's and customer specific documentation. It’s all part of our dedication to quality every day.
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