



STATE SEAL COMPANY

CAPABILITIES GUIDE



INNOVATING FOR EXCELLENCE

For more than 35 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.



MILITARY

Government weapons, vehicles, surveillance and security.



AFTERMARKET | HIGH PERFORMANCE

Racing/ Performance for Motorcycles, Marine, and Automotive Engines.



POWER GENERATION

Electrical power generation facilities.



CHEMICAL

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



RENEWABLE ENERGY

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



CONSUMER

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



SEMICONDUCTOR

Design and fabrication of semiconductor devices.



FLUID POWER

Hydraulic and pneumatic systems or components.



SMALL ENGINE

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



GENERAL INDUSTRIAL

Manufacturing or processing of products or components.



TELECOMMUNICATIONS

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



LIFE SCIENCES

Medical devices, diagnostic & lab equipment and pharmaceutical manufacturing.



TRANSPORTATION

Railways, subways and marine.

PRODUCTS WE OFFER

State Seal supplies a comprehensive range of sealing, dampening and gasket 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.

O-Rings | Back-up Rings | Oil Seals | Encapsulated Seals | PTFE | Lathe Cuts | Extrusions | Perfluorinated Elastomers | Metric | O-Lube



COMPOSITE SEALS

Custom and Standard metal to rubber over-molded parts.

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



CUSTOM MOLDED PRODUCTS

Molded rubber products for sealing systems and isolation applications.

Face Seals | Custom Profiles | Boots | Bellows | Diaphragms | Check Valves | Grommets | Thermoplastic Rubber products



FLUID POWER SEALS

Hydraulic and Rotary seals for containment of fluid and contamination prevention.

Shaft Seals | Rod Wipers | Spring loaded PTFE Seals | U-Cups | V-Packings | Wear Rings | T-Seals | Poly-Paks

PRODUCTS WE OFFER



DIE CUT PARTS

We convert/fabricate a wide range of material types and thicknesses for use in applications such as insulation, cushioning, friction control, and dampening.



HIGH TEMPERATURE MATERIALS

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

Exhaust gas recirculation (EGR) | Heat Shields | Rubber Coated Metal(RCM) | Graphite



VIBRATION CONTROL AND DAMPENING

To absorb vibration, provide acoustic insulation and noise dampening.

Decking Seals | Gap Fillers | HVAC Seals | Silicone Sponge | Open and Closed Cell Sponge Rubber | Motor Mounts



FOAMS AND FILTRATION

To filter water and air, and as a barrier to control debris.

Polyurethane | Polyethylene | Non-Wovens | Urethane Foams | PVC Foam Tape



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





ELECTRO MAGNETIC INTERFERENCE (EMI)

Used in combating Electro Magnetic Interference or Radio Frequency Interference (RFI)

Shielded Vents | Conductive Plastics | Cable Shielding | Grounding Tabs | Wire Mesh | Metal Gaskets



THERMAL

To absorb and/or distribute heat to protect surrounding components and instrumentation

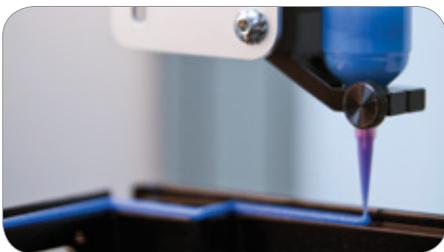
Phase Change Material | Gap Fillers | Insulator Tabs | Thermal Grease | Heat Spreaders



TAPES | ADHESIVES | FILMS | FOILS

Thin gauge products used in a variety of applications

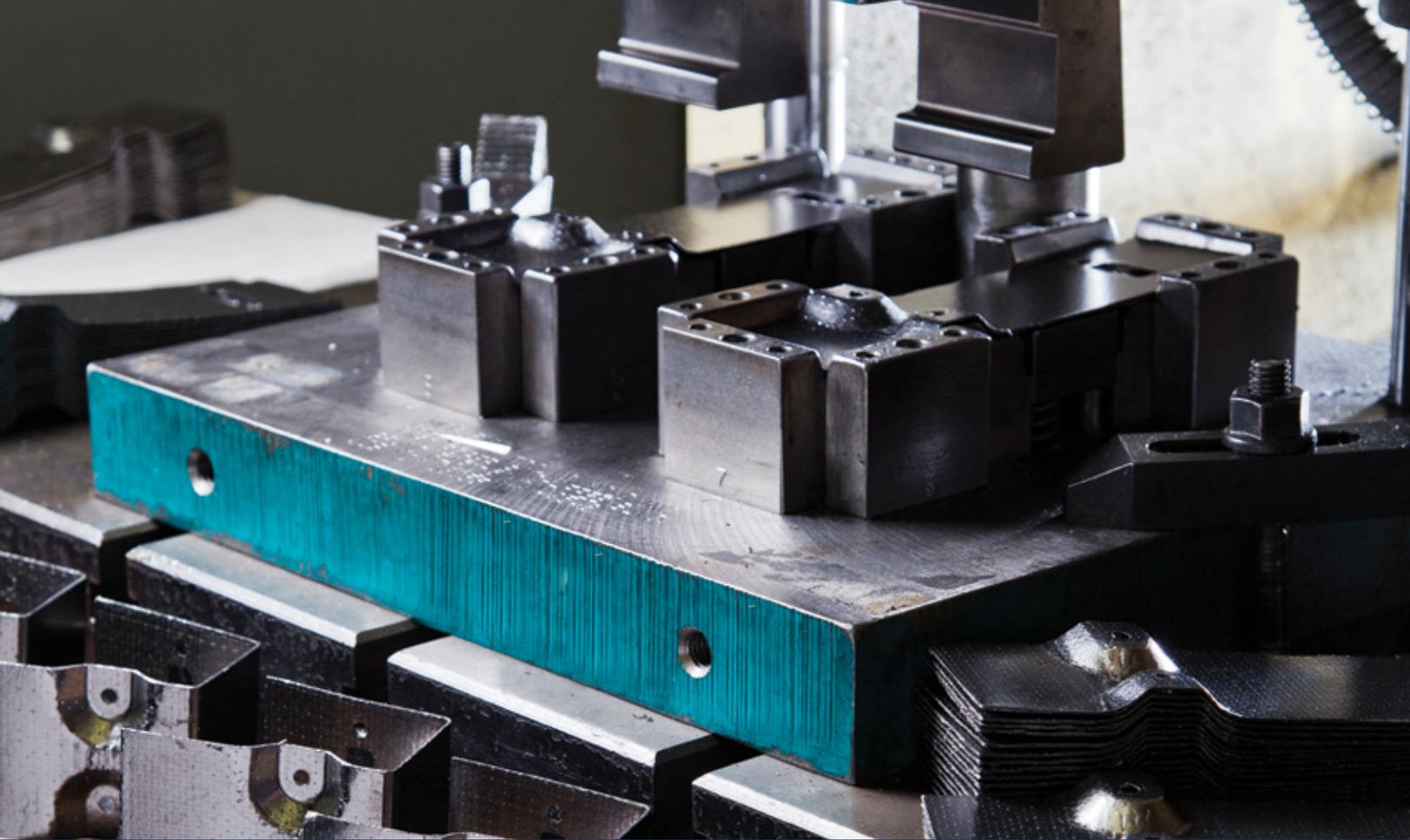
Adhesive Transfer Tapes | Double Coated Tapes | Membrane Switch Spacers | Labels



LIQUID DISPENSED

Robotically dispensed gasket materials for tight dimensional sealing requirements

Form-in-Place | Dispensed Gap Fillers | Liquid Adhesives



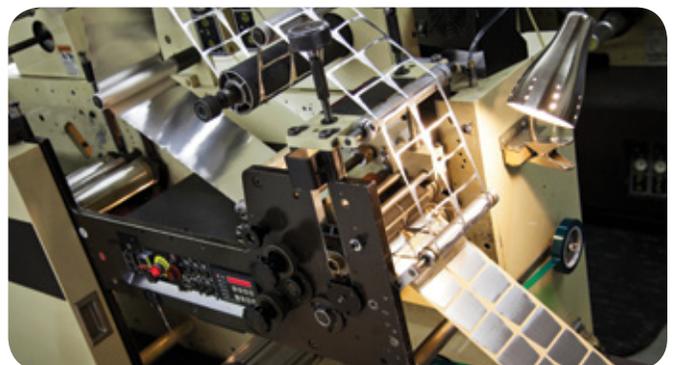
THE POWER TO PROCESS

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



Multi-Cavity Steel Rule Die Cutting



Rotary Kiss-Cutting

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.



Custom Slitting and Rewinding

We offer our customers a single source for all their sealing and die-cut components.

SOLUTIONS 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)



Warehousing Services



QUALITY ASSURED EVERY TIME

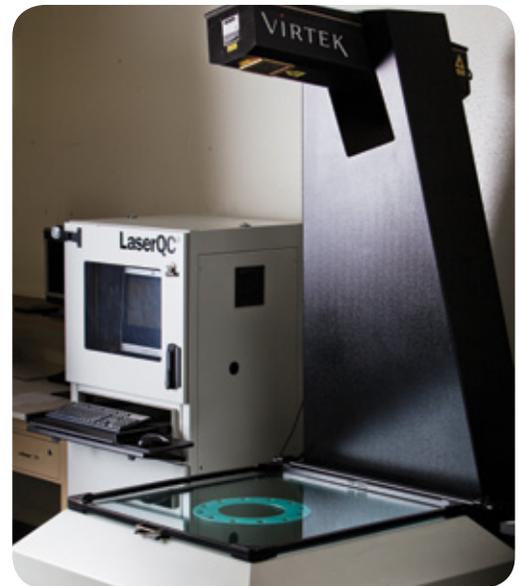


AS9100
Certified



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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