

Hydraulic ■ Pneumatic ■ Static ■ Rotary ■ Reciprocating — SEALS and SEAL KITS



## Valley Precision Solutions, LLC

*Uniquely Different.*

***Personalized service to ensure you have the parts you need,  
when you need them!***

Operating with a truly **customer-specific approach**, what sets Valley Precision Solutions apart from other seal suppliers is relationship. We team with each customer to ensure an always readily available supply of the products you need. Working together to best understand your needs provides the knowledge to properly allocate inventory assets on your behalf.

*"We have a philosophy here that revolves around striving to always provide better-than-expected customer service. One key ingredient that helps make this work is by inventorying product for customers ahead of actual need. A good example of this is if a customer should enjoy the fortune of a sudden upsurge in business the product is available to keep production or supply moving. This allows a safety cushion or time to replenish our inventory needed to support your business."*

***Staying ahead of the game to keep you in the game,  
we stock every seal you use.***



***Customer-specific stocking distributor / manufacturer of  
inch and metric-sized sealing products in all types of materials.***

**815.748.0290 ■ 800.394.2091**

Fax: 815.748.0295 ■ 800.269.1373

155 Harvestore Drive  
DeKalb, IL 60115

[www.vpseal.com](http://www.vpseal.com)



## Seal Kits

VPS currently manufactures seal kits for many markets, including agricultural equipment, automotive lifts, construction equipment, material handling, fluid power, and any industry that uses hydraulic cylinders.



Not only can VPS assemble and ship your current kits at a fraction of your current cost, we can also analyze and design a seal kit program specifically for your needs, reducing your overhead costs.

Our goal is not only to supply kits to customer specifications, but to help your day-to-day operations run more efficiently.

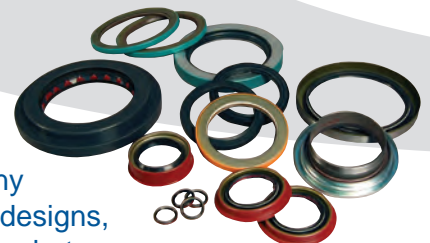
## Gaskets

At VPS, when it comes to gaskets, we do it all. With your choice of material—rubber, sponge, cork, plastic, paper, or compressed non-asbestos, we have the right solution for you. Send VPS a print or sample for pricing on your gaskets today!

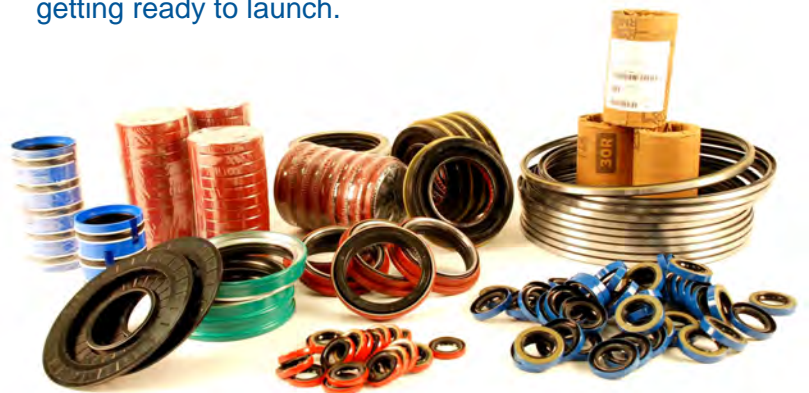
As a compliment to our in-house gasket die cutting, VPS also has cut to length vulcanizing operations. From braided packing to extruded rubber and urethane profiles, let VPS service all of your cut-to-length, extrusion, cold splicing and vulcanizing needs.

## Oil Seals

VPS can supply virtually any type of oil seal. Various sizes, designs, and materials are available for whatever challenging or standard applications you currently use. VPS can also supply your company with all of your metric sized oil seals.



VPS can provide oil seals based on OEM specifications, as well as your print or sample. Let our staff help you design the right seal for that new application your company is getting ready to launch.



## Custom Molded/Machined Seals

At VPS, we know that not all sealing elements are “standard”. That is why we offer our expertise to solve the most difficult sealing applications. Custom molded products are available in a variety of materials such as rubber, plastic, urethane, PTFE, and various filled PTFE compounds.

For your low volume and time sensitive needs, VPS can supply machined parts in a matter of days using any of the materials listed above.

Contact VPS today for all of your custom seal needs!



## Standard Sealing Components

Although VPS prides itself on custom design and innovation, we offer a wide variety of “standard” seals used in everyday applications. Due to our extensive kit building operation, we maintain stock on many of these seals in inch and metric sizes.

### ***Our vast inventory includes:***

O-rings, back-ups, loaded U-cups, piston seals, rod seals, Q-seals, T-seals, Seal Guards®, rod wipers, piston rings of various materials, sheet packing and vee packing.

Contact VPS today for ALL of your seal needs!



## Engineered Sealing Solutions

All production prints from VPS are CAD-generated in our engineering department.

Our engineering department is available to review and solve any problems you may be having with your current applications.

With over 30 years of experience, VPS can engineer and recommend a seal design change or an alternate material for all problematic applications.



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toll free **800.394.2091**

# Uniquely Different...



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*Customer-specific stocking distributor / manufacturer of inch and metric-sized sealing products in all types of materials.*

### SPECIALIZING IN:

- Hydraulic and Pneumatic Applications for Cylinders, Pumps and Valves
- Custom Molded Rubber and Plastic Seals
- Custom Engineered Seal Kits
- Custom Oil Seal Design
- Die Cut Gaskets to Customer Specifications
- Single and Double Acting Piston Cups
- Teflon Encapsulated O-Rings and Gaskets



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### Call VPS today for great pricing and great customer service!

#### Single and Double Acting Piston Cups

Piston Cup seals are used on rams or plungers in both hydraulic and pneumatic applications.

Homogeneous Piston Cups are typically used in low pressure applications (under 150 PSI) for service in pneumatic, hydraulic fluids, & water. VPS offers a line of one-piece double acting piston cups that replace multi-part assemblies. Homogeneous rubber is bonded to a metal disc, only one part is required—the most practical piston cup available. These are designed for pneumatic or low pressure hydraulic applications.

DOUBLE ACTING PISTON CUPS are available in a wide range of sizes. They're made of NBR (Nitrile) and Carbon Steel.



#### Teflon Encapsulated O-Rings and Gaskets

Encapsulated O-rings are o-rings consisting of a seamless and uniform Teflon® FEP/PFA encapsulation/jacket which completely encloses a core material of either silicone or Viton® elastomers. The combination of these components creates an o-ring that is virtually chemically inert and compression set resistant for use in harsh sealing environments.

**HIGH CHEMICAL RESISTANCE • ECONOMICAL  
OUTPERFORMS SOLID PTFE O-RINGS**

**Call VPS today for Quality American-Made  
Teflon® Encapsulated O-Rings and Gaskets!**



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