

# OUR SERVICES

Hercules has offices located in the U.S. and in Canada. Our North American call center in Clearwater, Florida is open from 8am to 8pm Eastern Standard Time.

Because of our volume, we're happy to extend shipping rates that are significantly less than published rates for FedEx and UPS. Two day shipping to Mexico and South America is also available with significant discount rates. With multiple locations, convenient hours and incredible shipping rates, our customers receive their orders when they need them. In fact, most of our customers receive them the very next day.

We're proud to say our sales force is one of the most knowledgeable in the field, able to assist customers with questions about products, applications, equipment and services. Our team of technical experts are also on hand to help solve any critical issues that arise. This combination of expertise makes our staff one of the leading information resources in the fluid power industry.

Our efforts to provide superior service and quality to our customers have earned us an ISO 9001 registration. We're also continuing to develop ways to provide even more conveniences for our customers.

Whether a client needs an off-the-shelf part or a completely engineered solution, our team of experts is standing by to answer your questions. We offer kit packing as well as design advisory services. As always, our products are priced competitively, offering not only the best quality, but also the best value.

Providing  
Sealing  
Solutions  
Since  
1962

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[www.HerculesUS.com](http://www.HerculesUS.com)  
800 - 777 - 5617  
1016 North Belcher Road  
Clearwater, Florida 33765



# ABOUT US

In 1962, Hercules was founded as a family company. Although it was intended to be a part-time business, Hercules grew to become a full-service hydraulic repair company with several branch offices, parts counters, machine shops and a cylinder-manufacturing operation.

Soon after, Hercules decided to consolidate to Clearwater, Florida and specialize in the hydraulic repair industry by distributing hydraulic and pneumatic seals, seal kits and cylinders for mobile and industrial applications.

The company formed its Hercules Sealing Products subsidiary in Barrie, Ontario, Canada, in 1991. Five years later, Diploma PLC, a distribution management firm based in the United Kingdom, purchased Hercules. In 2002, Diploma merged Hercules with one of its sister companies, Bulldog Seals and Gaskets, to form Hercules Bulldog Sealing Products Inc. Most recently, Diploma has created the **Hercules Fluid Power Group**, comprised of Hercules Sealing Products, Hercules Sealing Products Canada, Bulldog Hydraulics and Gaskets and the newly acquired HKX Inc.



# SEALS



**PISTON SEALS**

- Over 27 styles in both inch and metric.
- Over 850 part numbers in-stock.
- Available in Urethane, PTFE, Nylon, Iron and other materials.



**U-SEALS**

- Over 25 styles in both inch and metric, including loaded, unloaded and others with performance enhancement features.
- Over 3000 part numbers in stock
- Available in Urethane, Fluorocarbon, Nitrile and other materials.



**BEARINGS & WEAR RINGS**

- Over 11 styles in both inch and metric.
- Over 750 part numbers in-stock.
- Available in Nylon, Phenolic and PTFE and other materials.
- Many sizes available specifically for Caterpillar®.



**BUFFER RINGS**

- Over 7 unique styles in both inch and metric.
- Over 100 part numbers in-stock including Caterpillar® specific sizes.
- Available in Urethane and PTFE.



**WIPER/SCRAPERS**

- Over 28 styles in both inch and metric.
- Over 700 part numbers in-stock.
- Available in Urethane, Fluorocarbon, Brass, Nylon and Nitrile.



**VEE PACKING**

- Over 400 sizes in both inch and metric.
- Available for all major brands of telescopic cylinders including Commercial, Custom Hoists, Hyco, Galion and more.



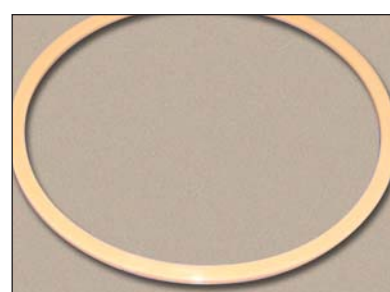
**O-RINGS**

- All standard AS 568 sizes in Nitrile and Fluorocarbon.
- Hundreds of metric sizes available in Nitrile and Fluorocarbon.
- Also, available in PTFE, Urethane, Silicone and other materials.
- Durometers from 40-90 shore A in-stock.



**PISTON CUPS**

- 3 styles in both inch and metric.
- Over 100 part numbers in-stock.
- Available in Urethane, Nitrile and Rubberized Fabric.



**BACK-UP RINGS**

- A wide variety of sizes.
- Available in Nitrile, Urethane, PTFE and other materials.



**T-SEALS/CAPPED T-SEALS**

- Most standard sizes of T-seals for rod and piston applications.
- Many sizes of capped T-seals in inch, metric, and special Caterpillar® and John Deere® sizes.



**RETAINER RINGS**

- Available in inch and metric sizes.
- Extensive inventory in spiral and tru-arc, both internal and external.
- Selected sizes in Eaton styles and wind-in lockwires.

# SEAL KITS



**ASSORTMENT SEAL KITS**

- Available from 436 rings in 36 sizes up to 1,100 rings in 150 sizes.
- Splice kits available for odd size o-rings.
- Back-up ring kits come in Nitrile, Urethane and PTFE.
- Retainer ring kits include tru-arc, spiral and Eaton.



**SEAL KITS**

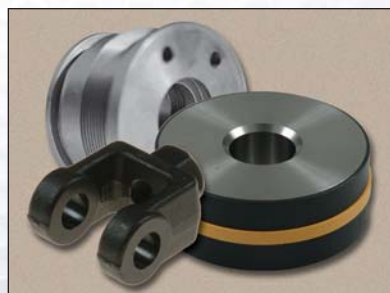
- Over 100 different brands of construction, logging, refuse, forklifts, cranes and dump bodies.
- Kits can be made and individualized for your company as well as re-design a part.
- Kits for industrial applications are also available.



**CUSTOM SEAL KITS**

- Please contact Technical Sales in our Clearwater office for your custom sealing requests. 800-777-5617

# ACCESSORIES



**CYLINDER PIECE PARTS**

- A large selection of machined cylinder parts are available for manufacturing or repairing a wide selection of cylinders.
- Glands, pistons, mounting eyes, end caps, seal kits and more are available from our stock for same day shipment.

# POWER UNITS



**POWER UNITS**

- Hercules offers a line of 12vdc power units in single acting or doubling acting circuit.
- Wide tank selection, sizes, and styles.
- Seven different pump flow rates. All units come with a two button tethered remote control.

# CYLINDERS

**TELESCOPIC CYLINDERS**

- An extensive selection of Parker, formerly Commercial Intertech, Custom Hoists and Hyco brand telescopic cylinders, as well as Prince brand tie-rod and welded cylinders are in stock and ready for immediate shipment.
- Custom cylinders are also available upon request.



**HERCULES TIE-ROD CYLINDERS**

- Designed and developed in-house. Hercules Tie-Rod Cylinders are excellent for your dump trailer and agricultural applications.
- Manufactured from the highest quality steel tube and chrome plate, we include our own seals to ensure overall quality.



**HERCULES WELDED CYLINDERS**

- Three styles of telescopic, clevis, and mechanical welded cylinders. Common applications are dump trailers, agricultural, and construction equipment.
- Custom sizes and mounts are available. As with our Hercules Tie-rod cylinders Hercules supplies the seals to ensure the overall quality of the cylinder.



# SEALS ON DEMAND

## When You Need Custom Seals Fast! Call Hercules Seals On Demand!

*Hercules Seals On Demand offers a wide selection of custom seals, fast. If we don't stock it, we'll make it!*

Hercules Seals On Demand technology can manufacture both hydraulic and pneumatic style o-rings, rod seals, piston seals, wipers, backup rings, rotary seals, swivel seals and static seals in both standard and metric sizes for almost any fluid power application including agriculture, automotive, heavy construction, material handling manufacturing, mining, logging, fluid handling and refuse.

Hercules Seals On Demand gives you the ability to source custom manufactured products with a short turn-around time and with no tooling costs.

**We offer over 100 standard profiles and can produce countless custom designs. Call 866-625-0395 and press 8.**

ROD SEALS						WIPER RINGS					
R00	R01	R02	R03	R04	R06	W02	W03	W04	W07	W08	W09
R07	R08	R09	R11	R14	R16	W11	W15				
R17	R19	R20	R22	R25	R38						
R39	R50	R51	R92			S03	S04	S05	S06	S07	S08
						S09	S10	S11			
PISTON SEALS						GUIDE BANDS					
P01	P02	P03	P04	P05	P06	G01	G03	G04	G05	G06	G07
P07	P08	P09	P16	P17	P18						
P19	P20	P32	P34	P35	P39						
P54	P81	P82	P83								
						B01	B09	B10	B11	B12	B13

Available in: NBR, Urethane, PTFE, Fluorocarbon (Viton)

From 1/4" to 24"  
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From 1/4" to 24"

Available in: POM, PTFE, NYLON

From 1/4" to 13"  
From 1/4" to 24"  
From 13" to 24"

Available in: POM, Urethane, PTFE, NYLON

From 1/4" to 13"  
From 1/4" to 24"  
From 13" to 24"

When placing your order, please provide following information:  
- Groove Dimensions - Seal Profile - Seal Material

**Stock materials include:**

- 85A NBR (Black)
- 85A Fluorocarbon (Brown)
- 94A Polyurethane (Blue)
- 40% Bronze / PTFE (Bronze)
- 15% Glass / 5% Moly PTFE (Black)
- 85D Polyacetal (POM) (White)
- 96A Hydrolysis Resistance Polyurethane (Red)

**Other material available upon request**