

# All Seals

INCORPORATED

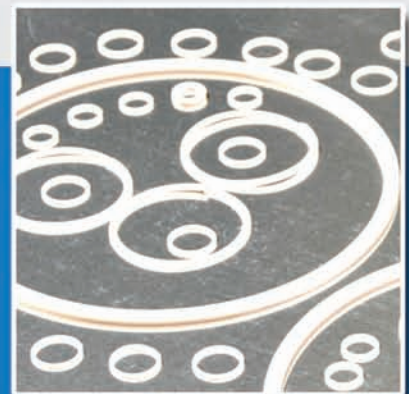
**The Sealing Specialists**

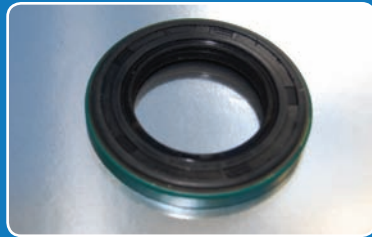


**Simplify Your Procurement - Optimize Your Engineering**

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## Master Distributor with Global Sources

### Manufacturers (Partial listing)



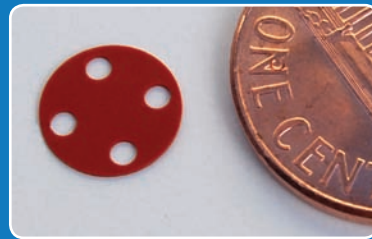
### Materials (Wide variety of elastomer, plastic and metal materials)



- Standard, Exotic and Custom blends that can control Hardness (Durometer), Conductivity, Friction, Temperature, Gas Permeability, Chemical Compatibility, Curing Agents, Abrasion and Tear Resistance, Oil/ Ozone/ pH/ Water and Weather resistance.
- Nitrile (Buna N, Buna S), Butyl, Fluorocarbon, (Viton® -A, B, GF, GFLT), PerFluoroelastomer (Chemraz®, Simriz®, Kalrez®), Tetrafluoroethylene (Aflas®), PTFE (Teflon®), Silicone, FluoroSilicone, Ethylene Propylene (EPDM), Chloroprene (Neoprene®), Polyurethane, Natural, Hydrogenated Nitrile (HNBR), Polyacrylate.
- Foam, Sponge, Cork, Leather, Mylar, Kapton, Fibre, Felt, EAR, PSA backing.
- Plastic injection molded parts made from a variety of materials.
- Stamped or Machined metal parts made from Carbon, Tool or Stainless steels, and Aluminum.

### Certifications





## Products



### O-RINGS QUAD RINGS BACK UP RINGS

- Lathe Cuts
- Custom O-Rings
- Disogrin O-Rings
- Metric Sizes
- Miniature Sizes
- Non-Standard Sizes
- Teflon®/ Teflon® coated
- Teflon® Encapsulated
- Spliced and Special O-ring
- Military
- Quad Rings
- O-Ring Kits
- O-Ring Splicing Kits
- Retaining Rings



### CUSTOM DIAPHRAGM

- Custom materials
- Impregnated elastomers



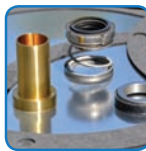
### CUSTOM GASKETS

- Precision Die Stamping from both Steel Rule and Class A tooling
- Spiral Wound
- Sheet stock
- Spring washer



### RUBBER PRODUCTS

- Bumpers/Grommets
- Cord Stock
- Custom Molded
- Custom Extruded
- Dampening Materials
- Molded Foam Products
- Metal-To-Rubber Bonded
- Fastener/Fitting Seals
- Molding
- Sheet Stock
- Tubing
- Vibration Mounts
- Ground Rubber Balls
- Bumpons
- Caplugs



### MECHANICAL SEALS

- Pump Repair Kits
- Cartridge and Bellow Type
- Inside-Outside-Shaft Mounted
- Single-Double-Tandem
- Metric
- Carbon
- Ceramic
- Ni-Resist
- Cast Iron
- 18-8 (302/4), 316 SS
- Silicon Carbide
- Tungsten Carbide
- Hastalloy
- Monel
- Springs
- Sleeve
- Installation lubricant
- Abrasive Separators



### HYDRAULIC SEALS

- V-Cup
- U-Cup
- Piston
- Metric
- Spring Loaded U-Cup



### TEFLON PRODUCTS

- For Aerospace and Industrial Application
- For Low Friction
- Spring Loaded Styles
- Slipper Seals
- Plus Seals & Cap Seals
- Channel Seals
- Step Seals
- Glyd Rings
- Backup Rings
- Piston Seals



### OTHER PRODUCTS

- Dispensing Equipment
- Measuring Devices



### OIL SEALS

- Inch
- Metric
- Spring and Non-Spring loaded
- High pressure
- PTFE
- Viton and all other materials



### LUBRICANTS

- 221R Silicone Grease
- Coolube 65, Hydrolube
- HUSKEY™ Specialty Lubricants
- HVS-100 Silicone Grease
- Molykote Industrial Lubricants
- Thread Sealant
- PTFE Tape



### PACKING

- Braided Packing
- Spring Energized
- Chevron V packing
- W packing
- U Cups
- Piston Rings
- Polyseals
- Spliced and special O-rings
- Metric
- Polypaks
- V packing
- T seals
- Wipers



### PLASTIC INJECTION MOLDED PARTS

- Custom shapes
- Wide variety of plastic and rubber materials
- Over-molded parts
- Extruded parts



### METAL PARTS

- Machined
- Stamped
- Cast
- Electro polished
- Etched
- Carbon, stainless, & tool steels
- Copper alloys
- Iron alloys
- Wave Washers
- Retaining Ring



### ADHESIVES

- Joint Sealant
- Anaerobic
- Cyanoacrylate
- Cyberbond
- Epoxies
- Silicone RTV
- Urethane, Acrylic
- UV Curing Adhesives and Equipment
- Thread Sealant
- PTFE Tape



### PERMAGLYDE

Friction can be an asset at times, but in general it is a problem for most sealing applications. The heat and physical damage caused by Friction and torque can drastically reduce the effectiveness and lifetime of a seal. The patented PermaGlyde® process retains all of core elastomer physical properties while subjecting the surface to a Fluorination process. This process drastically reduces the stiction by chemically changing the rubber so that the physical properties are permanently upgraded to reduce breakaway friction, increase lubricity and decrease adhesion. Our testing has shown this is equivalent to the Polymod® process.

# Value Added Services

## Engineering Assistance



**Design Consultation**

**Material Compatibility**

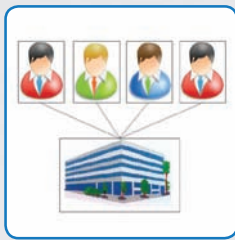


**Value/Reverse Engineering**



**Friction Management**

## Purchasing Assistance



**Vendor Consolidation**



**Equivalent Materials**



**Vendor Managed Inventory**



**Cost Reduction**



**Global Sourcing**

## Operations Assistance



**Kitting**



**Sub Assembly**



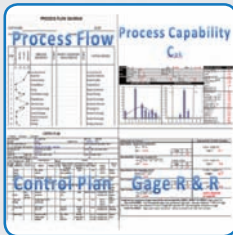
**Specialty Packaging**



**Material Traceability**



**Certifications**



**PPAP Approvals**



**Bin Stocking**



**Shipment Consolidation**

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