

MFPSEALS[®]

A DIVISION OF MARTIN FLUID POWER



Sealing In Success[™]

PRODUCTS & SERVICES

www.mfpseals.com



Building MFPSEALS® For You

MFP Seals, a division of Martin Fluid Power, is focused on providing you superior customer service, an effortless experience and our broad network access to all sealing devices that are available worldwide.



Martin Fluid Power

Founded in January 1977, Martin Fluid Power includes five wholesale distribution locations in the United States, plus locations in Lincoln, England, Bogota, Colombia and Taipei, Taiwan. The MFP Seals division represents a culmination of our efforts to bring together, in-house, our Design, Engineering, CNC Machining, Injection Molding, Seal Kitting, and Die Cutting departments. Together as MFP Seals we are focused on designing, engineering and manufacturing the highest quality sealing devices, made in the USA, without the premium price.

Through our MFP Seals stocking locations and our authorized distributors worldwide, you have access to our products when you need them, no matter where you are.

When you're looking for the highest quality seals at the best prices, remember, we've built MFP Seals to be your best choice.

Our Focus:

MFP Seals will provide you, our customer, with the best solutions for your sealing device problems - while maintaining the highest quality, best prices, and all the conveniences that a global manufacturer can provide.

Custom Manufacturing

MFP Seals is committed to high quality and timely service. By employing talented personnel, new machinery, and enhancing our capabilities through upgrades, we are able to offer a vast range of tooling for standard Hydraulic and Pneumatic seals, including Y-axis travel for off-center milling, drilling and tapping, as well as the ability to custom mold virtually any shape or design. For all of your engineered shapes, manufactured to print or sample, we have the technology to supply you with product that exceeds your expectations.



- CNC Machining
- Compression Molding
- Injection Molding
- Rubber to Metal Bonding
- Transfer Molding



MADE IN USA



Standard & Custom Seal Kits

At MFP Seals we design, manufacture and package the highest quality seal kits in the industry. Whether you need seal kits for cylinders, pumps, valves, or hydraulic motors, we can design and package seal kits to meet or exceed your specifications.

At MFP Seals we have experience designing seal kits targeted to specific Industries such as these:

- Automotive
- Marine
- Chemical Processing
- Mining
- Construction
- Mobile
- Forestry
- Oilfield
- Industrial
- Refuse

BRANDED OR PRIVATE LABEL KITS ARE AVAILABLE



Die Cut Gaskets & Sheet Materials

MFP Seals can die cut or fabricate standard or custom gaskets from our warehouse full of sheet materials.

- Boiler Gaskets
- Compressed Gaskets
- Expanded PTFE
- Cork & Rubber Sheet
- Envelope Gaskets
- Flange Gaskets
- Flexible Graphite
- Gasket Cutting Sets
- Handhole Gaskets
- Lathe Cut Gaskets
- High Temp Textiles
- Manhole Gaskets
- Rubber Sheet
- Sanitary Gaskets
- Teflon Sheet
- Spiral Wound Gaskets
- Vegetable Fibre Sheet
- Washers

These sheet materials compliment our extensive inventory of metallic, molded, or extruded gaskets.

- Cloth Inserted Rubber
- Compressed Non-Asbestos
- EPDM
- Expanded PTFE
- Flexible Graphite
- Natural Rubber
- Neoprene
- Nitrile
- Plant Fibre Sheet
- Red Rubber
- Virgin PTFE
- Viton®

WORLDWIDE SERVICE AND SUPPORT

Services & Quality

MFP Seals state-of-the-art measuring center allows for precision measuring of product to ensure they meet our quality standards and your specified tolerances. This powerful vision system is accurate up to 0.4um, so we know without a doubt that our parts will fit your application.

- Services:**
- Blanket Orders
 - JIT Inventory
 - KanBan

- Quality:**
- ISO 9001-2008 Certified
 - PPAP Submission
 - Certification of Materials
 - Micro-Vu®



SEALING SOLUTIONS TO FIT YOUR APPLICATION



O-Rings

MFP Seals stocks millions of O-Rings in standard AS568A sizes, and both European and Japanese metric sizes. Our O-Rings are available in a wide variety of colors, compounds, and durometers to meet automotive, FDA, industrial, military, oil field, NORSOK, RoHS and UL specifications.

- Aflas®
- Buna N
- Butyl
- Carboxylated Nitrile
- Epichlorohydrin
- Ethylene Propylene
- Fluorocarbon
- Fluorosilicone
- Neoprene
- Hydrogenated Nitrile
- Metallic O-Rings
- Polyurethane
- Perfluoroelastomer
- Silicone
- Teflon®
- Teflon® Encapsulated
- Styrene Butadiene
- Vamac®



Oil Field Products

We offer a wide variety of oil field sealing devices. Our materials and styles are approved and industry tested and we have problem solvers to handle the most severe applications.

- Actuator Seals
- Blow Out Prevention Seals
- Choke Packing
- Dovetail Packing
- Explosive Decompression Resistant O-Rings
- Hammer Union Seals
- P-Seals
- Pump Packing & Seal
- Ring Gaskets
- S-Seals
- Swivel Packing & Seals
- Test Plug O-Ring
- Spring Energized Flange & Face Seals
- Valve Stem Packings
- Slick Line Stuffing Box Packing
- Subsea Equipment / Offshore Drilling Seals

GLOBAL STOCKING LOCATIONS

Elastomers, Composites & Thermoplastics

- Acetal
- Aflas® 85A
- Aflas® ED 85A
- AEM 87A
- Carboxylated Nitrile 85A
- Delrin®
- EPDM 88A W270,KTW (Black)
- EPDM 87A FDA (White)
- FPM 85A (Brown)
- FPM 85A (Black)
- FPM 85A FDA (Black)
- FPM 85A FDA (White)
- FPM DCP 84A (Black)
- FPM BS3 80A
- FPM ED 85A
- HNBR 82A FDA (Green)
- HNBR ED 85A (Black)
- HNBR 95A (Black)
- HPU 58D (Dark Red)
- HPU 58D Lubricated (Black)
- HPU 85A (Light Green)
- HPU 95A KTW (Transparent)
- HPU 95A Low Temp (Blue)
- HPU 95A Lubricated (Black)
- HPU Premium 95A (Red)
- HPU 96A FDA, 3A-sanitary (Opaque)
- Hytrel®
- MVQ 79A FDA (transparent)
- MVQ 84A FDA (White)
- MVQ 84A FDA (Blue)
- NBR 82A Low Temp
- NBR 85A
- NBR 85A FDA (White)
- NBR 90A
- NBR 90A FDA (White)
- Nylon
- Polyesters
- Polyether Ether Ketone (PEEK™)



Standard seal profiles or custom shapes made to order. Offering quick turn-around on prototypes or production.

- PTFE, 10% Ekonol
- PTFE, Polyimide
- PTFE, Mineral Moly
- PTFE, Nickel
- PTFE, Unfilled
- PTFE, 15% Glass
- PTFE, 15% Glass, 5% Moly
- PTFE, 25% Glass
- PTFE, 10% Carbon
- PTFE, 23% Carbon, 2% Graphite
- PTFE, Carbon Fiber
- PTFE, 40% Bronze Filled PTFE
- PTFE, 55% Bronze, 5% Moly
- PTFE, 60% Bronze
- PTFE, 15% Graphite
- PU 95A (Dark Green)
- TFM, 10% Carbon
- TFM, 15% Carbon Fiber
- TFM, 18% Carbon, 7% Carbon Fiber
- UHMWPE
- Xylethon®

IN-HOUSE SEAL DESIGN AND MANUFACTURING



Hydraulic & Pneumatic Seals

Our selection of inch and metric sizes, styles and materials is unsurpassed. What we do not manufacture, we supply from the world's top manufacturers, to offer you the complete selection of hydraulic and pneumatic seals.

- AN Seals
- Anti-Extrusion Rings
- Back-Up Rings
- Buffer Rings
- Cap Seals
- Capped GT Rings
- Crown Seals
- Dust Covers
- Excluders
- Flange Seals
- Guide Rings
- GT Rings
- High Pressure Seals
- High Temperature Seals
- Lip Seals
- Loaded Lip Seals
- Piston Rings
- Piston Cups
- Polyseals
- Rod Seals
- Rotary Seals
- Spring Loaded Seals
- T-Seals
- Teflon Seals
- U-Cups
- Vee Packing Sets
- W Packings
- Wipers / Scrapers

Bushings, Bearings & Guide Rings

Bushings, Bearings and Guide Rings are known by many different names, and are used in many different applications. Whether they are made from Acetal (Delrin®), Brass, Bronze, C4000, M1005, Peek, Phenolic, Polyamides (Nylon®), Polyester, T5100, Teflon®, or UHMW, we can help you in designing, manufacturing and stocking, we have the solution you need.

- Bearing Strip
- DU Bushing
- Flanged Bearings
- Guide Rings
- Journal Bearings
- Machined Plastics
- Rod End Bearings
- Rod Glands
- Self Aligning Bearings
- Self Lubricating Bearings
- Sleeve Bearings
- Spherical Bearings
- Split Tension Bushings
- Thrust Bearings



Spring Energized Seals

Spring Energized Seals, designed for applications that challenge conventional seals, regardless of the media. Made from thermoplastic or PTFE materials and application based spring styles, Spring Energized Seals are used for explosive decompression resistance or AED Seals, vacuum, extreme pressure and temperature, high surface speed, non-lubricated systems, and more.

- Thermoplastic or PTFE Seal
- Helical Spring
- Slanted Coil Spring
- U & V Spring
- 301, 302, 304 & 316 Stainless Steel
- Alloy C-276 Beryllium Copper
- Elgiloy and other Alloys



Oil Seals

We stock rotary shaft oil and grease seals in a broad range of sizes, materials, and lip styles, to fit every application. Private labeling is available, with your name and part numbers, if required. We stock a full range of inch, metric and non-standard sizes.

- Nitrile
- Low Pressure
- Polycarbonate
- High Pressure
- Silicone
- PTFE
- Viton®
- Specials

MFPSEALS®

A DIVISION OF MARTIN FLUID POWER

Headquarters

Corporate

84 Minnesota
Troy, MI 48083
Phone: (248) 585-8170
Fax: (248) 589-3499

Manufacturing

MFP Manufacturing

1206 East Maple Road
Troy, Michigan 48083
Phone: (248) 583-7767
Fax: (248) 583-1051

MFP Research & Development

122 Minnesota
Troy, MI 48083

U.S. Distribution Centers

E-mail: sales@mfpseals.com

Troy, MI

600 Minnesota
Troy, MI 48083
Phone: (248) 585-8170
Fax: (248) 585-4398

Troy, MI

International Sales

600 Minnesota
Troy, MI 48083
Phone: (248) 585-8171
Fax: (248) 585-4398

St. Joseph, MI

315 Palladium Drive
St. Joseph, MI 49085
Phone: (269) 429-0824
Fax: (269) 429-0829

Houston, TX

6130 Westview
Houston, TX 77055
Phone: (713) 939-9990
Fax: (713) 939-9797

Phoenix, AZ

3767 E. Broadway, Rd.
Suite 10
Phoenix, AZ 85040
Phone: (602) 437-3220
Fax: (602) 437-3424

Tampa, FL

5159 Rio Vista Ave. W.
Tampa, FL 33634
Phone: (813) 884-6777
Fax: (813) 884-6999

International Distribution Centers

Lincoln, England

mfp.uk@mfpseals.com

Bogota, Colombia

mfp.co@mfpseals.com

Taipei, Taiwan

mfp.tw@mfpseals.com

www.mfpseals.com