

# Parco

# Custom Molded Rubber



## Need custom seals for your application?

Parco has lead the rubber sealing industry for more than 70 years. Founded in 1941, Parco was the first manufacturer to specialize in O-rings, still one of our primary products. Today, Parco has two modern facilities manufacturing O-rings, custom-molded elastomeric seals, rubber-to-metal bonded parts, and machined metal parts. Our in-house mixing and mold making capabilities allow us to control the entire manufacturing process. As a result, we offer superior quality and short lead times.

Parco's custom molded seals are manufactured in the following 11 elastomers: Aflas®, ethylene-propylene (EPDM), fluorocarbon (Viton®, Tecnoflon®, 3M Fluoropolymers), fluorosilicone, hydrogenated nitrile (HNBR), neoprene, nitrile (Buna-N), perfluorocarbon, polyurethane, silicone, and styrene-butadiene (SBR). Materials are available in a variety of colors and hardnesses from 30 to 95 Shore A.

### Custom O-rings

Parco is your convenient source for quality O-rings. In addition to AS568 standard sizes, we manufacture hundreds of special sizes. We also manufacture standard and custom metric sizes. Parco's O-rings are available in a variety of materials that meet virtually every industrial and military specification.



### Packing Elements

Packing elements (packers) are commonly used in the oil field industry for drilling or well completion systems. Parco's packing elements are available in inside diameters from 1 to 8 inches, outside diameters from 3 to 12 inches, and lengths from 1/4 to 8 inches.



## Rubber-to-Metal Bonded Parts

Rubber-to-metal bonded parts are used for high pressure applications. Rubber is typically bonded to an insert chemically or mechanically. In most cases, Parco makes the metal inserts in-house. Parco offers rubber-to-metal bonded parts in outside dimensions ranging from 0.500 to 8 inches, and seal thicknesses from 0.050 to 0.500 inches.



## Compensators

Compensators are dome shaped parts made from molded rubber. Those parts are used in oil field drill bits to equalize lubricant pressure with the borehole pressure. Parco manufactures compensators in a variety of sizes and can bond those seals with metal.



## Other Custom Molded Seals

Parco makes custom molded seals in outside dimensions ranging from 0.500 to 20 inches, and thicknesses from 0.050 to 2 inches. Parco makes a variety of other custom molded seals including rubber balls, molded square cut parts, rubber sheets, cord stock, brine seals, and U-cups.



## Rapid Prototypes

Parco can provide prototypes for custom molded parts in as little as five days through our Rapid Prototype Program. For more information, visit us online at [www.parcoinc.com](http://www.parcoinc.com) or e-mail us at [sales@parcoinc.com](mailto:sales@parcoinc.com).

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