

# PZ1



## PISTON SEAL



Product Performance. Affordability. Availability.



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# PZ1 PISTON SEAL

**PZ1 Piston Seal** is a robust seal ideal for heavy duty bi-directional applications. The two-piece assembly includes a step-cut sealing element that is energized by a precision oval shaped energizer. Installed in the cylinder, the seal ring is compressed against the bore to provide zero drift performance and can operate at high pressure without extrusion. The seal ring is made from an internally lubricated glass filled Nylon that installs easily with the precision step-cut. The NBR oval energizer provides positive force to energize the seal even in extreme conditions. The **PZ Piston Seal** is an excellent choice for mobile equipment where pressure spikes are common and can also cross over fluid ports without damage to the seal ring.

The **PZ1 Piston Seal** is recommended in demanding heavy duty hydraulic cylinder applications which require high-pressure operation, it also performs well when large extrusion gaps are needed for effective piston wear ring bearing exposure.



## STANDARD MATERIALS

Material Code	Description	Color
GN40	40% Glass Reinforced Nylon	Dark Grey
N	Nitrile (NBR) Rubber	Black

\*Other material options are available upon request.

## FEATURES

- Pressures up to 7,500 PSI
- Excellent Extrusion Resistance
- Low Temperature (-40°F)
- High Temperature (+250°F)
- Velocity up to 3 FPS
- Low Compression Set
- Low Friction
- Cost Effective
- Zero Leak Performance
- Easy Installation
- Robust Design
- Fits Industry Standard Seal Glands

