

# RP1

## ROD U-CUP



Product Performance. Affordability. Availability.



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# RP1 ROD U-CUP

**RP1 Rod U-Cup** offers outstanding seal performance under an array of extreme duty operating conditions. It is pre-loaded with a trapezoidal profile, low-temperature NBR Energizer for superior low temperature and low-pressure sealing performance. The integrated high modulus POM Backup Ring provides excellent extrusion protection during high pressure spike conditions. Its dual lip geometry along with the precision trimmed seal lips provides exceptional seal stability, low friction and zero leak performance.

The RP1 U-Cup is recommended in heavy duty demanding hydraulic cylinder application which require high pressure, low temperature and when large extrusion gaps are needed for effective wear ring bearing exposure.



## STANDARD MATERIALS

Material Code	Description	Color
P92E	Low Temperature Polyurethane Seal Ring	Blue
LT N75	Low Temperature Rubber Energizer	Black
A10	High Modulus POM Backup Ring	Orange

Other material options are available upon request.

## FEATURES

- High Pressure (10,000+ psi)
- Excellent Extrusion Resistance
- Low Temperature (-65°F)
- High Temperature (+225°F)
- Velocity up to 3 FPS
- Low Compression Set
- Low Friction
- Cost Effective
- Zero Leak Performance
- Easy Installation
- Robust Seal Design
- Fits Industry Standard Seal Glands

