

RU1

ROD SEAL



Product Performance. Affordability. Availability.



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RU1 ROD SEAL

RU1 U-Cup provides effective zero leakage sealing in a variety of demanding hydraulic cylinder applications. The **RU1** is a single acting, dual-lip rod seal designed to fit standard rod gland housings. The **RU1** is molded from high grade, water-resistant Polyurethane material that can operate in difficult applications such as mining and mobile hydraulic cylinders. The precision knife-trimmed ID and OD sealing lips provide reliable sealing performance and the profile includes a molded secondary lip on the inside diameter to enhance stability, reduce friction, and improve zero-leak sealing performance during dynamic cycling.

The **RU1 U-Cup** is recommended for medium and heavy duty cylinder applications requiring high reliability and long life performance. It is well suited for earth moving and other mobile equipment applications.

The preferred material options are P92T for sizes ≤ 1.5 " rod size and P94T for sizes over 1.5". Both materials P92T & P94T share the same polyurethane chemistry but P92T is slightly softer to aid installation in small diameter applications.

STANDARD MATERIALS

Material Code	Description	Color
P92T	92D Shore A Polyurethane	Brick Red
P94T	94D Shore A Polyurethane	Yellow/Orange
P92E	92D Low Temperature Polyurethane	Blue

*Other material options are available upon request.

FEATURES

- Pressures up to 5,000 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

