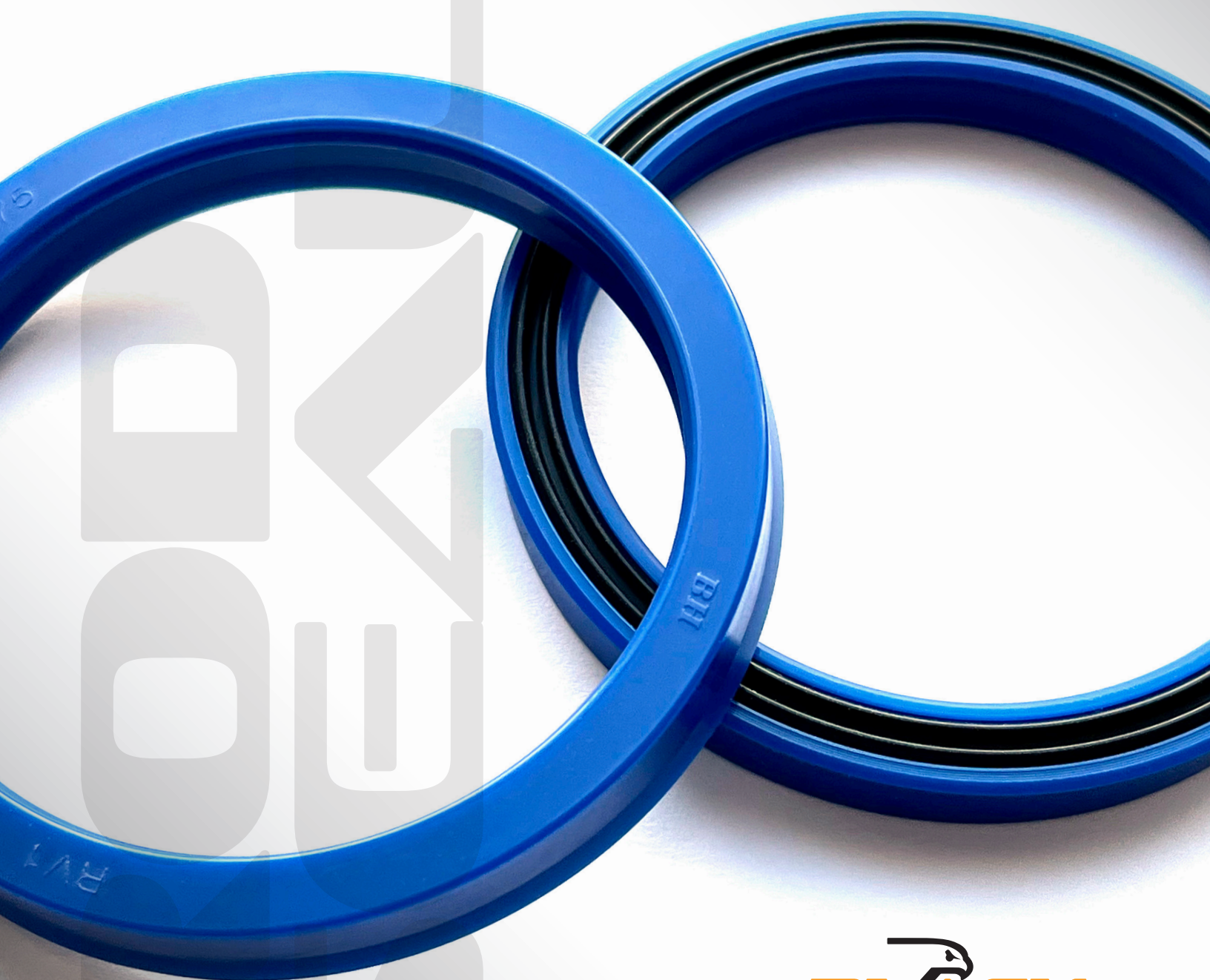


# RU7

## ROD SEAL



Product Performance. Affordability. Availability.



3702 Vanguard Drive | Fort Wayne, IN 46809 | USA  
260-615-3951 | [info@BlackHawkSeals.com](mailto:info@BlackHawkSeals.com)  
[BlackHawkSeals.com](http://BlackHawkSeals.com)

# RU7 ROD SEAL

The **RU7** delivers outstanding seal performance under a range of low to high pressure cylinder applications including low-temperature operating conditions. The **RU7** is a single acting dual lip Polyurethane rod seal designed to fit standard rod gland housings. The seal is molded from high grade Polyurethane material that can withstand the harsh conditions of mining and mobile hydraulic cylinder applications. The primary sealing lips are pre-loaded with a trapezoidal profile low-temperature NBR Energizer to provide effective force on the seal lips in low pressure and low temperature sealing conditions. Precision knife-trimmed ID and OD sealing lips provide reliable sealing performance, 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 **RU7** is recommended in low to medium duty hydraulic cylinder applications but it can also be an excellent option as a secondary seal behind a buffer seal for high pressure, low temperature applications. The **RU7** is an excellent option to replace single or double lip non-energized u-cups and as well loaded single lip u-cups (Type B PolyPak).



## STANDARD MATERIALS

Material Code	Description	Color
P92E	Low Temperature Polyurethane Seal Ring	Blue
LT N75	Low Temperature Rubber Energizer	Black

Other material options are available upon request.

## FEATURES

- Pressures up to 5,000 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 Design
- Fits Industry Standard Seal Glands

