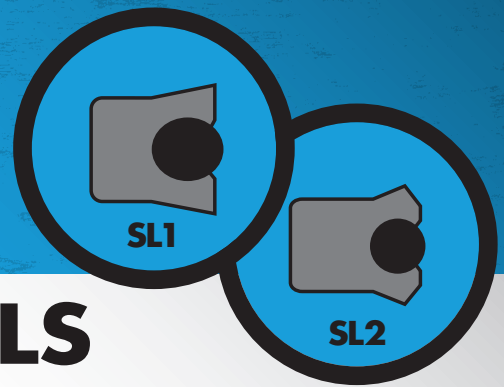


SL1-SL2

SYMMETRICAL SEALS



Product Performance. Affordability. Availability.



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SL1-SL2

SYMMETRICAL SEALS

The **SL1-SL2** symmetrical profile seals are loaded seals that can be used in either rod or piston applications. The seal is energized with an o-ring to insure positive contact between the seal and the hardware in low pressure applications. The **SL1-SL2** profiles are molded from a highperformance polyurethane and come standard with an NBR o-ring that provide a cost-efficient sealing solution.

The **SL1** utilizes a straight cut scraping lip design that is precision knife-trimmed to prevent the passage of fluid and contaminants. The **SL1** can be used as either a rod or piston seal and is suited for single acting applications, but can also be used back-to-back in double acting applications.

The **SL2** symmetrical profile is most commonly used in rod applications but can also be used in piston applications. The **SL2** precision knife-trimmed beveled lip provides excellent sealing and fluid film cutting which is critical in rod seal applications. The rectangular design of the **SL2** provides stability in the gland which insures positive seal lip contact for better sealing and reduced wear. The beveled lip **SL2** design can be used in piston application but should be avoided in back-to-back bi-directional configurations due to the potential for pressure trapping between the seals.

The **SL1 & SL2** profiles are an economical and effective sealing solution for a wide range of light-to-medium duty cylinders.

STANDARD MATERIALS

Material Code	Description	Color
P95U	Polyurethane 95D Shore A	Black
NBR	Nitrile Buna Rubber 70D Shore A	Black

*Other material options are available upon request.

FEATURES

- Pressures up to 5,000 PSI
- Good Extrusion Resistance
- Low Temperature (-40°F)
- High Temperature (+250°F)
- Velocity up to 1.5 FPS
- Low Compression Set
- Low Friction
- Cost Effective
- Good Sealing Performance
- Easy Installation
- Fits Industry Standard Seal Glands

