

New

Riser High Gap Seals (HGS)

Engineered for Larger Gaps and Longer Life

Designed for HMH and non-HMH riser systems, HMH High Gap Seals (HGS) extend riser connection life by accommodating larger extrusion gaps while reducing wear on critical pin and box components.

Product Overview

Increase riser connection life and reduce maintenance with HMH's new High Gap Seal (HGS), engineered to tolerate significantly larger extrusion gaps while maintaining reliable auxiliary line sealing performance.

The HMH High Gap Seal (HGS) is a new 16C-qualified seal developed for riser auxiliary line applications. Designed as a direct replacement for conventional auxiliary line seals, it provides a single solution for a wide range of riser connection conditions.

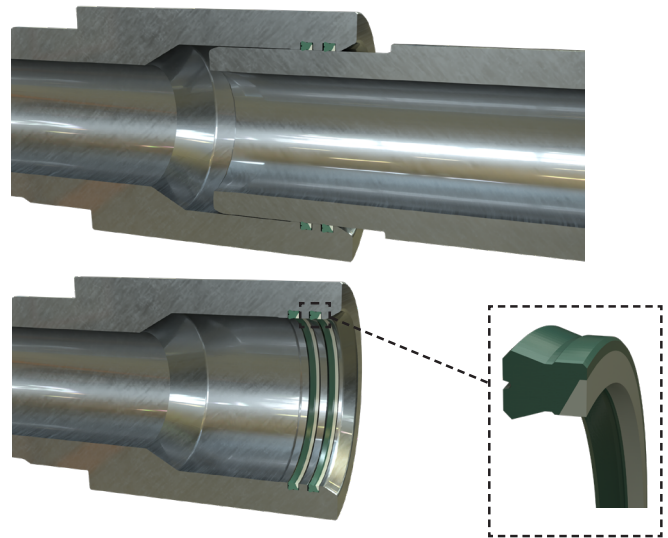
Unlike traditional seal designs such as lip seals, S-seals, and PolyPak seals, the High Gap Seal is engineered to accommodate significantly larger extrusion gaps, helping operators extend the interval between major pin and box repairs.

The seal is available for HMH and non-HMH riser systems and can be scaled to support additional riser types.

Product Benefits

HMH High Gap Seals (HGS) help operators improve riser connection reliability, reduce maintenance requirements, and extend equipment service life.

- **Extended riser connection service life** by increasing the interval between major pin and box repairs.
- **Reduced maintenance costs and downtime** through reliable sealing performance across a wider range of riser connection conditions.
- **Lower risk of pin damage** by eliminating the scoring associated with integral spring seal designs.
- **Consistent sealing performance** across traditional and expanded extrusion gaps with a single seal solution.



Key Features

The HMH High Gap Seal (HGS) combines an advanced sealing design with broad riser compatibility to support a wide range of auxiliary line applications.

- **Accommodates extrusion gaps** more than 66% larger than conventional auxiliary line seal designs.
- **Engineered for broad wear levels** providing a single solution from new to heavily used pin and box conditions.
- **Direct replacement for standard auxiliary line seals** with no riser connection modifications required.
- **Spring-free sealing design** that eliminates the integral springs used in many conventional seal designs.
- **Constructed for durability** using an HNBR seal ring and PEEK backup ring.
- **Available for HMH and non-HMH riser systems** and scalable to support additional riser types.
- **16C-qualified design** for riser auxiliary line applications.

