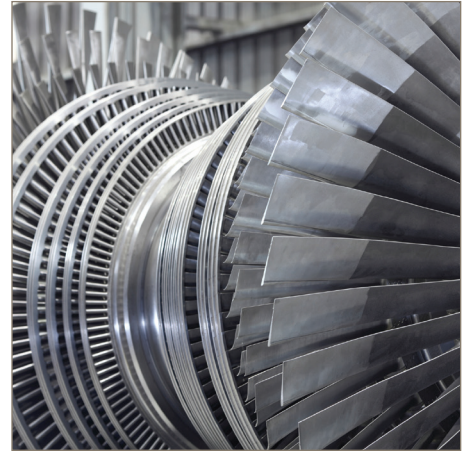


# Seal Lok™ Xtreme

Leak-Free Connections for Extreme Temperature Power Generation Applications



## Optimize Fuel Conveyance With Reliable Connections

All around the world, the cost of turbine downtime is a critical issue. Parker has created Seal-Lok™ Xtreme, a robust, leak-free connection that addresses the need for reliable fuel connections in extreme-temperature applications. An industry necessity, it utilizes a patented metal seal to extend the temperature capabilities of the industrial standard O-ring face seal design to an impressive range of -328°F (-200°C) to 1200°F (650°C). Proven benefits of this design are its resistance to overtightening, zero clearance assembly, unlimited reusability, ease of assembly and vibration resistance, making Seal-Lok Xtreme an ideal solution for power-generation applications.



## Contact Information:

Parker Hannifin Corporation  
**Tube Fittings Division**  
3885 Gateway Blvd.  
Columbus, OH 43228

phone 614 279 7070

[www.parker.com](http://www.parker.com)

## Product Features:

- Eliminates damage from overtightening
- Zero clearance for easy plumbing
- Reduces loosening caused by vibration
- Unlimited reusability
- Reduces assembly/disassembly times
- Seal retention to prevent fallout during shipment and assembly
- Reduced galling potential due to special dry film lubricated nuts
- Available in tube and hose sizes 1/4" to 2" (6 mm to 50 mm) and pipe sizes up to 2" NPS
- SAE/AISI 316/316L stainless steel materials for corrosion resistance
- Working pressures up to 5,850 psi
- Meets requirements of ASME B31.1 and B31.3

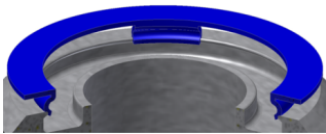


ENGINEERING YOUR SUCCESS.

# Increase Productivity With Leak-Free Design and Ease of Maintenance

## Seal-Lok Xtreme for Severe Temperature Applications

Extreme temperatures and chemical compatibility concerns can pose challenges to elastomeric sealing in extreme temperature applications. Parker Seal-Lok Xtreme offers an alternative to the sealing capability of O-ring face seal SAE J1453 connections in these critical applications.



Seal-Lok™ Xtreme with an SS metal sealing ring can withstand severe temperatures and solve chemical compatibility issues most often seen with elastomeric seals.

Seal-Lok Xtreme improves durability with the use of a patented stainless-steel metal sealing ring. This Parker innovation **achieves superior tube and hose connections at temperatures as low as -328°F (-200°C) and as high as 1200°F (650°C).**

Seal-Lok Xtreme fittings are field-replaceable for easy maintenance.

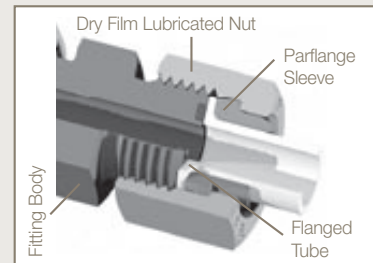
Seal-Lok Xtreme has been extensively tested in the areas of thermal cycle and shock, Helium Mass Spectrometer leak testing and hydrostatic and cyclic pressure testing, as well as the standard industry requirements of SAE J1453.

**Many applications benefit from Seal-Lok Xtreme's rugged design, including:**

- **Combustion turbines**
- **High-temperature engine compartments**
- **Instrument panels**
- **LNG storage and fueling systems**
- **Cryogenic equipment**

Seal-Lok Xtreme offers a wide range of tube and hose connection styles to meet your needs. Configurations include straights, elbows and tees with port-end options of SAE J1926-1, ISO 6149-1 straight thread and NPT. Visit [www.parker.com](http://www.parker.com) to locate a distributor.

## Parflange® Technology Enhances Seal-Lok Connections



Parker Parflange equipment is designed to make fast, leak-free connections for Seal-Lok Xtreme tube fittings without brazing or welding. Using an exclusive orbital spindle motion, Parflange produces high-quality, consistent flanges saving both time and money over welding.

Parflange units are easy to operate. With multiple power options and a simple tooling change for flanges, Parflange saves you time and money on tube assembly. Parker offers a full range of Parflange equipment options:



1025

ECO 25

PRO 50