

# Hallite 83

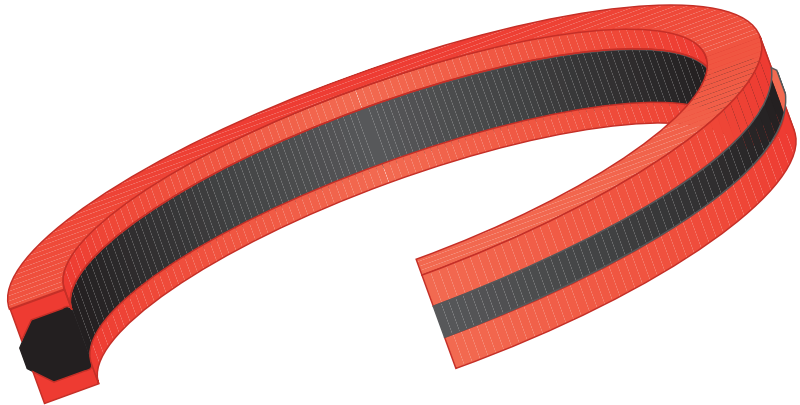


# Hallite 83



The Hallite 83 Tri-Seal assembly offers the engineer many advantages when considering the design of cast iron, bronze, alloy etc one piece pistons in double acting hydraulic cylinders, not the least being cost effectiveness with long and efficient seal life.

The Tri-Seal consists of two split plastic anti-extrusion rings and a nitrile synthetic rubber-sealing member. Under pressure, the seal exerts a wedging action on the anti-extrusion ring, reducing the possibility of extrusion of the seal.



Wear rings are also available for this assembly, allowing the designer to benefit from the following advantages:

- Eliminate metal-to-metal contact in the bore
- Improved alignment for optimum seal life
- One-piece steel piston
- Smoother operation

- **Efficient sealing**
- **Low cost**
- **Interchangeable with most competitive designs**
- **Robust construction**
- **Low friction**
- **Simple machining**
- **Long life**
- **Easy assembly**



	METRIC	INCH
Maximum Speed	0.5m/sec	1.5ft/sec
Temperature Range	-30°C to +100°C	-22°F to +212°F
Maximum Pressure	400 bar	6000 psi