

Hallite 621

Rod Seal





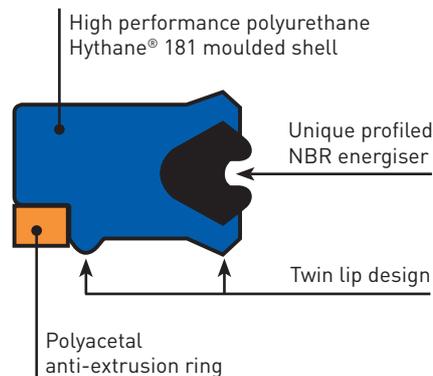
The Hallite 621 rod seal is engineered specifically for demanding applications which are subject to high pressure fluctuations, extreme cyclic shock loadings and arduous operating conditions, such as those experienced in off-highway, earthmoving and construction applications.

The seal features three critical component parts:

- The main body of the seal, the shell, is manufactured using Hallite's high performance polyurethane Hythane® 181 and features the twin lip design. This equips the seal with flexibility for ease of installation and high performance at both low and high temperatures.
- The integral energiser is moulded in NBR, tailored for use at both low and high temperature. The unique profile forms a mechanical lock with the seal shell and extends the energisers capability to ensure optimum low-pressure sealing. This provides positive retention and maximum responsiveness to the circumferential lips of the shell and helps eliminate problems caused by negative pressure fluctuations in the housing, due to shock loading.
- The polyacetal anti-extrusion ring extends the normal pressure range of the twin-lip design and enables the seal to withstand heavy side loads and extreme pressure spikes during operation.



- **Heavy duty**
- **High pressure**
- **High shock load**
- **Twin lip design**
- **Low-pressure sealing**
- **Increased stability**
- **Long life**



	METRIC	INCH
Maximum Speed	1.0m/sec	3.0ft/sec
Temperature Range	-45°C to +110°C	-50°F to +230°F
Maximum Pressure	700 bar	10000 psi

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