

# Hallite 621



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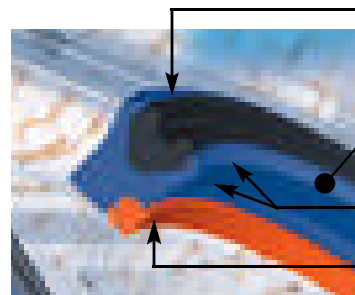
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All our activities conform to the highest quality assurance systems. Hallite Seals International quality management systems are accredited to ISO 9001 and are approved by many of the world's foremost OEM's.

	METRIC	INCH
MAX. SPEED	1.0 m/sec	3.0 ft/sec
MAX. TEMPERATURE	-45°C + 110°C	-50°F + 230°F
MAX. PRESSURE	700 bar	10,000 p.s.i.



Unique profiled NBR energiser

High performance polyurethane "Hythane 181" moulded shell.

Twin lip design

Polyacetal anti-extrusion ring

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.

## FEATURES

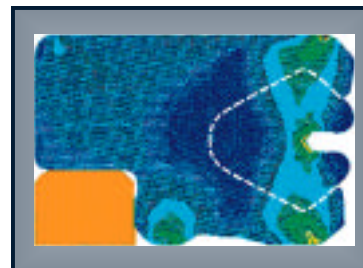
- Heavy duty
- High pressure
- High shock load
- Twin lip design
- Low pressure sealing
- Increased stability
- Long Life

The seal features three critical component parts:

The main body of the seal, the shell, is manufactured in 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 energiser's capability to ensure optimum low pressure sealing. This provides positive retention and maximum responsiveness to the circumferential lips of the shell and helps to 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.



Hallite's commitment to continuous product development means that specifications may sometimes change without notice.

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