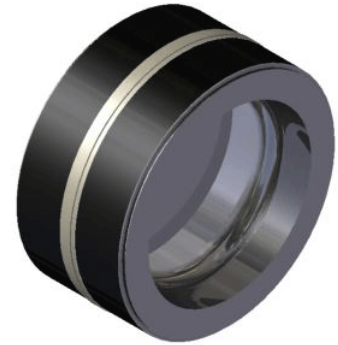


**Hallite** 

***Unitized Piston  
Accumulator***



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

# Unitized Piston Accumulator

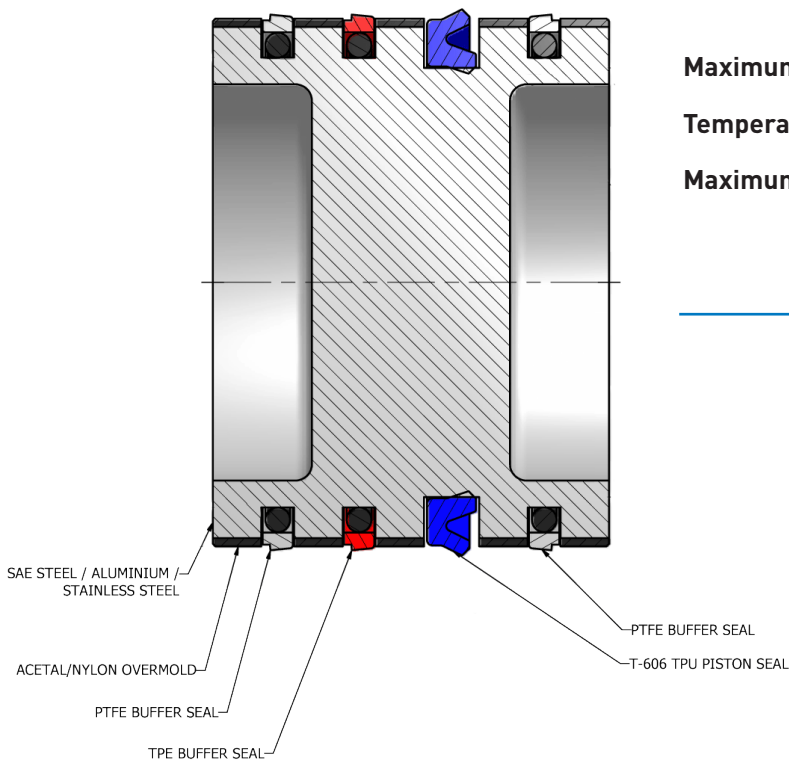
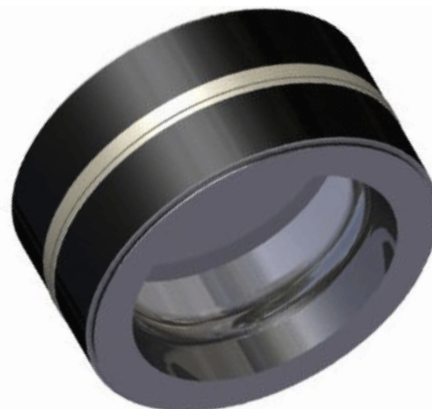
Hallite's Unitized Piston Accumulator works and functions as one unit, replacing multi-part Piston Accumulators.

The Unitized Piston Accumulator is typically designed with an aluminum base over molded with Hallite's Enduratek GS resin. This creates a 100 percent bearing surface, eliminating the possibility of metal to metal contact and ensuring that no material swell will occur due to moisture ingress.

Other base accumulator materials are available, including stress proof steel and multiple grades of stainless.

Sealing packages for the Unitized Accumulator can be tailored to the customer depending on the specifics of each application. As shown in the depictions below, single and multi-seal systems can be arranged.

Hallite's superior one piece design results in a reduction of premature failures and related warranty claims while simultaneously boosting performance and capabilities in today's demanding piston accumulator market.



	METRIC	INCH
Maximum Speed	7.0m/sec	24.0ft/sec
Temperature Range	-50°C to +150°C	-60°F to +300°F
Maximum Pressure	1000+ bar	15000+ psi

*Material selection may vary depending on application*

- Increased Speeds (up to 24/ft sec)
- Higher Pressures
- Longer Life, better performance
- Address sizes to 14" in diameter
- Ease of installation/service
- Sold as a complete assembly, ready to install

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