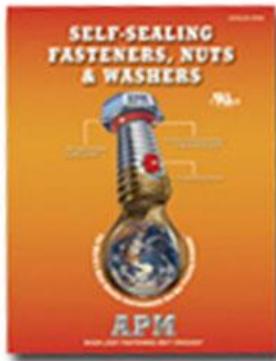




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## Why choose APM's sealing boots?

For more than 60 years APM has been manufacturing seals that have been extensively used in military, naval, land and aviation applications throughout the world. They are UL Recognized Components and RoHS Compliant. Industry has also embraced APM's sealing technology and is using it on control panels in some of the harshest environments imaginable, such as automation, marine, gas and oil rigs, construction and excavating equipment, communication, instrumentation... wherever commercial and industrial controls must be secure, fully operational and safe.



## What makes these seals special, and how do they work?



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There are sealing boots for toggle, push button, rotary, and rocker devices with configurations matching the most popular brands switches. The vast majority of boots are fabricated in high-performance silicone rubber with a molded-in mounting-nut that replaces the original switches mounting exterior nut. Other elastomeric materials are also available to match specific environmental chemical exposures. These UL Recognized Component boots are precision engineered, with special care taken to maintain uniform consistency and performance. For example, many of the toggle boots are designed with an inner secondary seal offering additional protection should the exterior be compromised by a puncture or tear.

### High-performance silicone features:

- Extreme elongation
- High actuation life (up to 100,000 operations and beyond)
- Wide operating temperature range (-94°F to +400°F (-70°C to +204°C))



APM Hexseal boots are molded and oven-aged which is an effective method to reduce silicone out gassing to an absolute acceptable



minimum. This prevents silicone molecule migration that could coat sensitive electrical and electronic components causing circuit malfunctions. To prevent contaminant seepage past the mounting hole cut-out, each boot has a perimeter sealing rib that is firmly pressed against the panel surface when the boot is tightened.

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