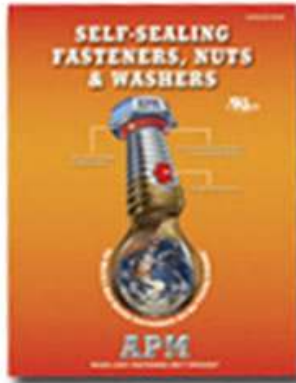




Edition: January 2016 | Self-Sealing Fasteners | Sealing Boots Division



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DID YOU KNOW?

APM Hexseal has an exclusive solution to extreme environmental demands



Solution: A re-useable self-sealing fastener that incorporates a captive O-ring located in a precise groove under the head.

Problem: Making PCs and Monitors Function Safely in Explosive Environments. In the event of [internal control system concerns](#), APM also offers toggle and push button switch [sealing](#) boots to fit specific combustible concerns and conditions.

Why Good Switches Go Bad:

CONTAMINANT PENETRATION...

from the ravages of salt air, water, oil, solvents, dust — anything corrosive or electromechanical — switches are exposed to that can shorten switch life and reliability. There is a simple, responsive solution — just remove the original mounting nut and replace with an external HEXSEAL silicone rubber anti-contaminant boot (with rock-resistant mounting-rod). Plus, there's a perimeter flange that seals the mounting hole thermally sealed switches do not offer the feature. For hermetically sealed switch users we recommend our Bushing Panel Seat, which was designed specifically to solve mounting hole size/shape problems. HEXSEAL boots are available in any color for panel matching in toggle, pushbutton, rotary and rocker styles. All are UL listed and are rated 0-94°F to +400°F. There are standard and extra-sensitive tactile models for all kinds of hostile environments for commercial, industrial, marine, medical and military applications (CPL Approved MIL-S-5422). We also offer EMI/RFI suppression version for toggle and push-button styles and complementary matching circuit breaker and potentialmeter seats.

APM HEXSEAL
Switch Sealing Specialists

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APM HEXSEAL was founded in 1947 with the mission to develop and manufacture [environmental sealing solutions](#) to protect and prolong the life of electromechanical switches and circuit breakers in hostile environmental conditions worldwide.

ASK APM

Are there any limitations to APM's patented UL Recognized products?



[Download Literature](#)



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BETTER FASTENER SEALING WITHOUT CHEMISTRY

Seal and fasten in one step with a reusable, self-sealing fastener. No liquid adhesive/sealants... no worries about waste disposal or respiratory safety.

- Seals liquids & gases to 30,000psi internal/external
- Self-sealing screws, nuts, nut & chest versions
- Temperature range from -190°F to +500°F (-100°C to +260°C)
- Tested to UL Standard 50, Types 1-13
- Optional threading
- Self-sealing washers seal to 100psi. Metric & inch.
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Combat ready for most harsh workplaces APM HEXSEAL®

Armored Switch Boots are now available in two versions: p/n 1238/1 SS with a .750 inch diameter head, and p/n 1238/2/5 PNDY which features an oversize 1.250 inch diameter head; and p/n N1030A toggle style **silicone rubber boot** that is covered with a bonded nickel-plated brass cap. All boots operate smoothly even with a gloved hand. **APM manufactures a wide range of high-performance switch, potentiometer and circuit breaker sealing boots** that are compatible with most toggle, push button, rotary and rocker style actuators.

UL Recognized, millions are on active duty throughout industry and the military, maintaining reliability and prolonging the life of vulnerable control components throughout the world.



Sealing Control Components for Extreme Environments

BODY ARMOR FOR SWITCHES

- 50,000 actuations
- Back up secondary seal provides secondary line-of-defense
- Multiple resealing nut
- Patented partner welding nut prevents leakage and increases life, 100% O-ring replacement
- Switch, 1/2 inch diameter or Circuit Breaker Housing
- 100% 100% VAC 100% 100% VAC 100% VAC
- Hexseal® Hermetic Boots Defend Against Hostile Environments
- Instantly protect sensitive switches, potentiometers, & circuit breakers against hostile contaminants & radiation interference by blocking water, dust, dirt, grease and allowing substrate from reaching sensitive internal wiring
- Even more... our new... contact makes repairs production to IP68, CE, & CCA recognized. Made in U.S.A. Switch, Open Hexseal boots and make make a thing of the past.

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APM HEXSEAL®
The World's Most Hostile Environments Are Our Proving Grounds™

Using advanced elastomer molding technology, a broad range of **sealing boots** are produced to match most controls manufacturers standard part numbers, which are stocked by leading electronics and industrial distributors in the United States, Canada and World-wide. Most are IP66/68 ingress protection rated and have an operational life in excess of 100,000 actuation's, and are UL Recognized.

APM sealing products are used extensively in marine, medical, military, process industry, electronic instrumentation, off-road and construction equipment - wherever **hostile environmental/operational conditions** exist.

Look for next week's newsletter to learn more about APM Hexseal's sealing solutions!



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