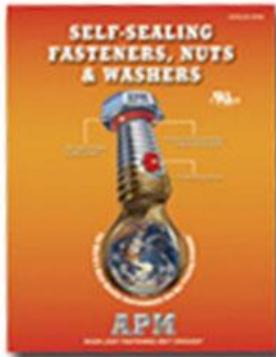




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## DID YOU KNOW?

### APM HEXSEAL WAS FORMED DUE TO A NEED IN THE MILITARY



APM HEXSEAL was formed in 1947 with the express purpose of developing sealing products for the U.S. Military for equipment operating in the most adverse conditions and harshest environments. During WWII, the U.S. Military recognized the need to environmentally protect critical equipment's controls. APM stepped up to their challenge and assisted with development of the MIL-B-5423 (now MIL-DTL-5423) specification to meet these stringent requirements. Indeed, this military specification was written based on APM's proven design and manufacturing processes. APM proceeded to engineer a full line of switch, potentiometer and circuit breaker seals that could operate reliably to 100,000 plus actuations. And, year after year, these boots passed rigorous, independent QPL military inspection/equivalent. They also carry [UL Recognition](#) and continue to pass this rigorous third party testing. We then further developed and patented our complimentary line of self-sealing fasteners and washers which were first used on our circuit breaker seal's mounting flange to



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provide added sealing protection (IP66/68 ingress rating). APM has in excess of 100 patents to its name including our "trigger" to help actuate switches/breakers where necessary, the "Installs Quickly" [IQ 1030 toggle switch boot](#), and our patented [1131/60](#) and [1132/60](#) "Ultra Flex" boots which avoid unintentionally tripping a switch or breaker. Our imitators have never innovated or had any patents ... not even one.



APM seals have seen service in every military conflict since WWII. More than 60 million HEXSEAL® switch boots have been produced in a wide variety of types and sizes for military, commercial and industrial applications throughout the world. Installed by more than 200,000 customers, APM is the prime supplier for the boating industry, beverage dispensing machines, combat equipment of all kinds, off-road vehicles, medical equipment and a broad range of instrumentation and communications equipment, etc.

Visit our [NSN and military cross-reference page](#) to determine the correct part for you.

## ASK APM

### WHY DO MOST MAJOR CIRCUIT BREAKER MANUFACTURERS RECOMMEND APM HEXSEAL ENVIRONMENTAL PROTECTION SEALING BOOTS FOR HOSTILE CONDITIONS?

In many applications switches and circuit breakers are exposed to harsh environmental conditions that could shorten their actuation life and affect reliability. Most (lever & pushbutton) require the ability of the operator to see the position (status) of the actuator/LED. Matching sealing boots (covers) must be transparent,





equipment, military land equipment of all kinds, medical, and control panels of a variety of field maintenance and repair equipment, to name just a few of many applications. [See Comparison Illustrations](#)

Read more about APM's [Circuit Breaker Boots](#).

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

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