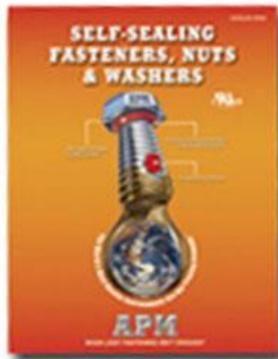




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DID YOU KNOW?

APM HEXSEAL PARTS ARE USED IN MILITARY DRONES



"MQ-9 Reaper in flight (2007)" by U.S. Air Force photo/Staff Sgt. Brian Ferguson - USAF Photographic Archives. Licensed under Public Domain via Wikimedia Commons - [http://commons.wikimedia.org/wiki/File:MQ-9_Reaper_in_flight_\(2007\)](http://commons.wikimedia.org/wiki/File:MQ-9_Reaper_in_flight_(2007)).

Drones, also called [UAV \(unpiloted aerial vehicle\)](#), [RPAS \(remote piloted aircraft systems\)](#) and [model aircraft](#), are more and more prevalent in combat. Their flight is controlled either autonomously by onboard computers or by the remote control of a pilot on the ground or in another vehicle. The typical launch and recovery method of an unmanned aircraft is by the function of an automatic system or an external operator on the ground. Historically, UAVs were simple remotely piloted aircraft, but autonomous control is increasingly being employed. - [Wikipedia](#).



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Consistency, performance and reliability are key. Air pressure, temperature, pollution, dirt/sand and other environmental elements highly affect the reliability of the aircraft. And ultimately, the success of the mission. Given APM Hexseal's history in military and ensuring reliability in the weapons' performance, it only seemed a natural fit to utilize APM products to increase the reliability and performance in remote piloted aircraft systems as well.



APM Hexseal [SEELSKREW®](#) is found in the actual drone itself, sealing out air, water, dust/sand and other liquid or gaseous contaminants. When vibration on the



actual aircraft is an issue, the [threadlocking enhancements](#) are added to the drone for even more protection from the elements.

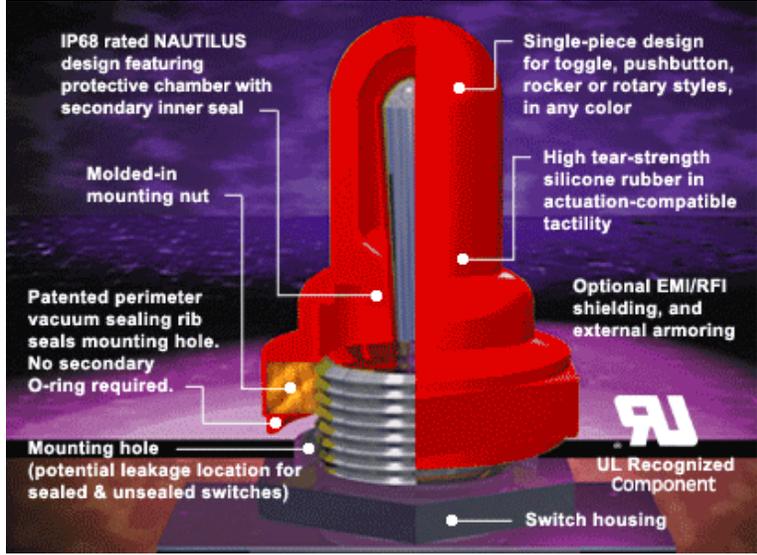


APM [self-sealing boots](#) are used on the actual controls themselves. This again protects the unit from any elemental and environmental concern, thus increasing the reliability in the performance. And as you can imagine, it's all timing and precision in the military. APM, once again, provides the perfect products to

RoHS
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increase performance of the equipment.



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"WHAT IS IT ABOUT APM'S BOOTS VS. OTHER SEALING BOOTS?"



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

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