

Envelop® Protective Covers Ensure Readiness of U.S. Army's Patriot Missile System

Shield Technologies is proud to announce the development of a complete set of Envelop® Protective Covers for the Patriot Missile System, the U.S. Army's premiere high tech platform. It is used to defend American bases and allies overseas in a multitude of harsh environments including Korea, Japan, Germany, Turkey, Kuwait, and many other locations around the world.

The important mission of this system calls for a high degree of readiness. As with any system, readiness can be impacted by the effects of water intrusion, corrosion, and other environmental factors such as airborne particulates. The complexity of Patriot means that repairs and replacement of damaged parts can be very expensive and time consuming.

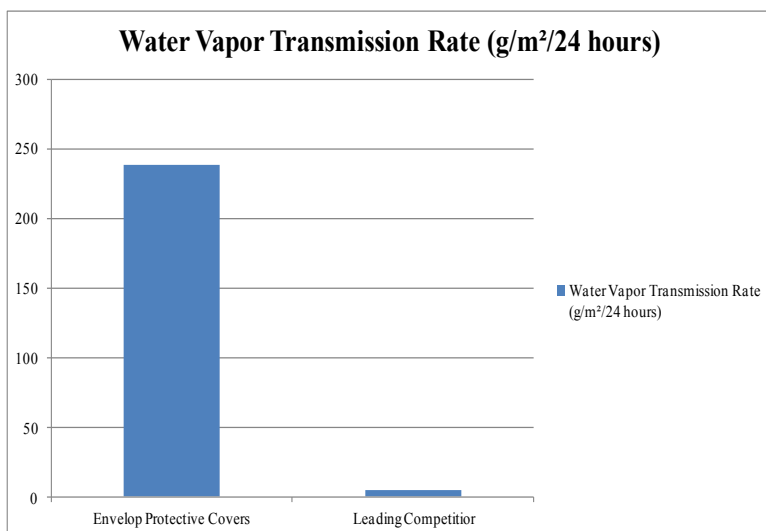
Envelop® Protective Covers are ideal for protecting many of the sensitive components on this system including the connectors, circuit boards, and cabling. Waterproof, breathable Envelop® Protective Covers provide far better protection than competitors and standard-issue vinyl covers. Vinyl traps moisture and is rapidly broken down by grease and oils, it also deteriorates rapidly from the UV radiation of sunlight. Breathable Envelop® Protective Covers are waterproof yet allow moisture to escape. Envelop® Protective Covers are not broken down by the greases and oils used on the system. In addition, the Envelop® material



M901 PAC-2 LEM Right Side – Part Number 123058

contains a powerful vapor corrosion inhibitor, which floods the covered space, bonds to metals and prevents oxygen from initiating corrosion.

Envelop® Protective Covers Dominate Competitive Laboratory Testing



Recent independent competitive laboratory testing has re-confirmed Envelop® Protective Cover's position as the finest anti-corrosive cover in the world. The head-to-head scientific evaluation versus the leading competitor's corrosion inhibiting cover produced dramatic and decisive results. The covers were evaluated according to the American Society for Testing and Materials International (ASTM) protocols for water vapor transmission (breathability), puncture resistance, seam strength, and water resistance.

Envelop® Protective Covers proved to be over 900 times more breathable than the competition according to the water vapor transmission test. The puncture resistance test revealed that Envelop® Protective Covers are nearly 3 times more resistant to puncturing. Envelop's® seam strength was over 16 times stronger than the competition. Lastly, Envelop® Protective Covers proved to be over 7 times more resistant to water than the competitor.

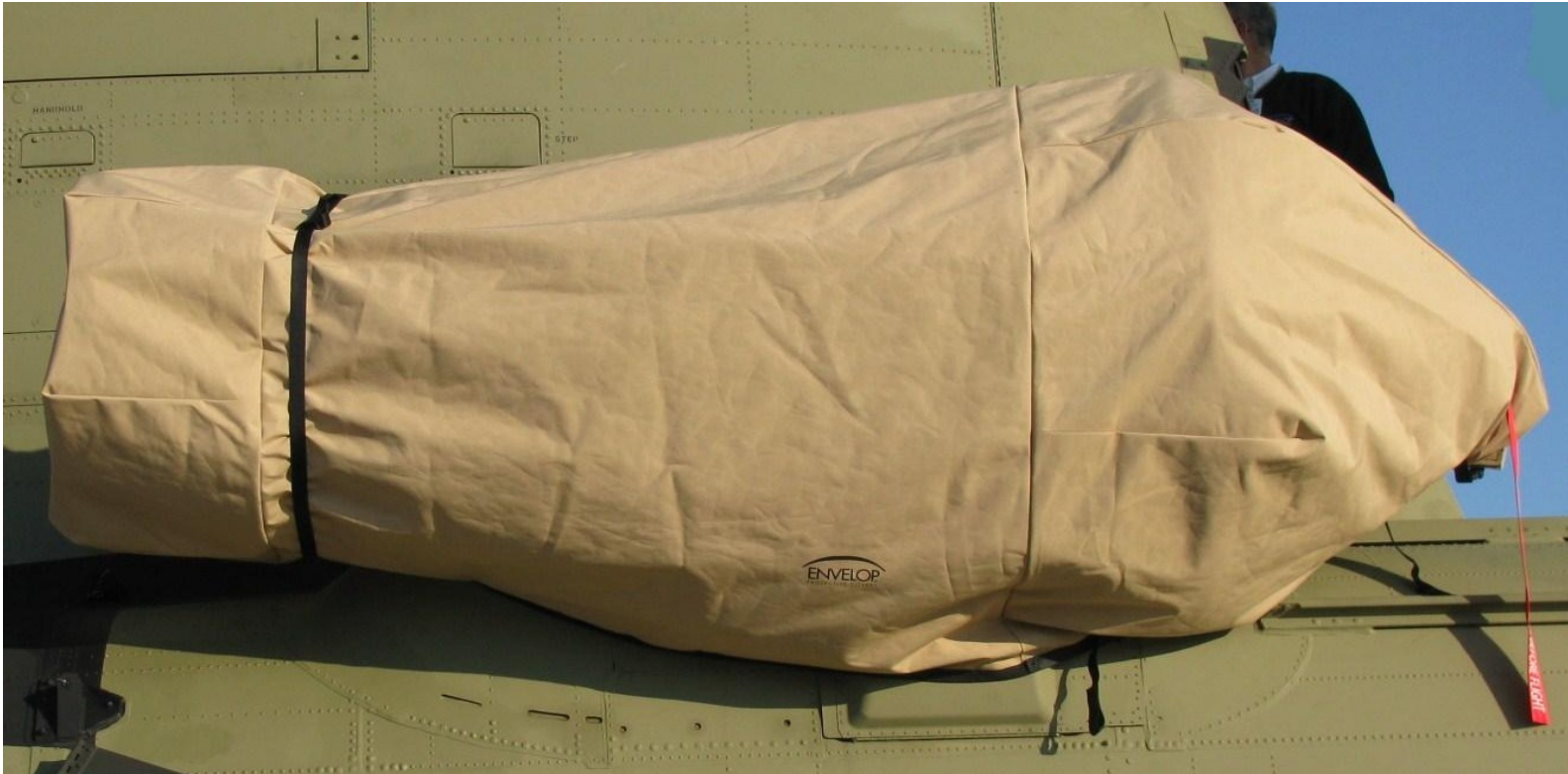
These tests confirm that not only are Envelop® Protective Covers the most effective corrosion preventing covers in the world, they are also in a class of their own when it comes to durability.

The Home of Army Aviation Procures Envelop® Protective Covers

In early January 2013, the Aviation Center Logistics Command at Fort Rucker, AL made its latest purchase of Envelop® Protective Covers. The purchase included 25 sets of Full Engine, Dash/Center Console and Pitot Tube covers for their CH-47F Chinook aircraft.

This is the fourth transaction in approximately one year with Fort Rucker, and came after a six month evaluation period using the engine covers. Starting in December 2011, Fort Rucker purchased three new types of covers for their MI-17 training aircraft. This was followed

by a purchase of four new types of covers for the same MI-17 aircraft in July 2012. Then in September 2012, Padded Stabilator covers were purchased for their AH-64D Apaches. Quality products that exceed expectations; unique innovations in design and materials; hands-on customer service before, during, and after the sale are all reasons customers choose Envelop® over and over again.



CH-47 Right Engine – Part Number 122167

Army Aviation Covers Receive Outstanding Feedback From Soldiers

The following comment regarding the performance of Envelop® Protective Covers was received in 2012: “As a Crew Chief, putting on aircraft covers was the last thing you wanted to do in Iraq, but these covers made a huge difference in the readiness of our aircraft. The Full Cockpit/Nose cover provided our state of the art cockpits with more UV and heat protection than you could hope for. Also, the design of the covers and materials used did not cause abrasions on the cockpit glass, which I have seen firsthand with other covers. I had a Permanent Change of Station last year and hope the unit that I am in now gets these covers before we deploy.”



UH-60M Full Cockpit/Nose – Part Number 122037, UH-60 Pitot Tube – Part Number 122042, UH-60M Stabilator – Part Number 122035, UH-60 CMWS Chaff/Flare – Part Numbers 122034A, B & C

Designs for F-16 Fighting Falcon Expected Summer 2013

Shield Technologies has recently begun the design process for the development of a full set of Envelop® Protective Covers for the F-16 Block 30 Fighter. Like the aircraft of other services, the F-16 is an aging aircraft subjected to long flight hours and harsh conditions. Protecting the aircraft when not in flight is paramount to achieving the full life expectancy from the aircraft.

The covers that are currently being fielded include the Engine Intake and Exhaust, the Pitot Tube, the Angle of Attack (AOA) probe,

Heads-Up Display (HUD), and Ejection Seat. The design of these covers will allow for easy installation and quick removal. They are also being designed so that they are fully deployable with the aircraft when transported in the standard under wing pods.

The F-16 Block 30 covers should be ready for deployment by early summer of 2013 and will be added to the Shield Technologies GSA Contract (GS-07F-9386S).



USAF F-16 Fighting Falcons

Magnum Series Covers Protecting Nation's Maneuver Fleet

Developed in mid-2012, Envelop Magnum Series is quickly becoming a favorite of our nation's maneuver warriors. Designed specifically to meet the wants and needs of America's war-fighters, Magnum Series covers are quickly installed and removed with ease. Additionally they provide anti-corrosive protection and durability that is unmatched anywhere in the world today.



M2A2 Bradley Fighting Vehicle – Part Number 123120

Shield Supports Submarine Fleet's Corrosion Mitigation Efforts

In December 2012, Shield Technologies Corporation delivered two Los Angeles Class Submarine Vertical Launch Platform (VLS) Protective Covers to USS FRANK CABLE (AS-40). VLS Platform covers are designed to protect critical submarine support equipment staged at the Polaris Point Naval Submarine Base in Guam.

The VLS Platform protective covers will provide years of corrosion protection from Guam's year round brutal heat and humidity, while ensuring USS FRANK CABLE's ability to provide critical weapons loading services to the Pacific Fleet submarines home ported in Guam.



AS-40 USS Frank Cable

How to Procure Envelop Protective Covers®

Envelop® Protective Covers are easily procured from Shield Technologies Corporation either directly or via the Defense Logistics Agency. Shield Technologies Corporation is the exclusive global producer of Envelop® Protective Covers. Four basic procurement options are available. (1) Envelop® Covers with NSN's assigned can be easily ordered via normal DLA channels. (2) Shield Technologies Corporation holds GSA contract number GS-07F-9386S. Units can utilize the GSA web based ordering process to place orders.

(3) Shield Technologies accepts government credit card purchases up to the authorized limit of the card holder. (4) Units with contracting officer support can place requisitions, which their contracting officers can solicit and purchase covers directly from Shield Technologies in accordance with FAR procedures.

Option (1) is the most simple procurement method, however, the cost to the unit will be higher due to DLA overhead mark up and delivery schedule can be more difficult to determine. Options (2) & (3) will provide a lower cost to the customer and Shield Technologies can provide delivery forecast, often shipping the same day for items carried in inventory. Option (4) will also provide a lower cost. Delivery time is subject to the amount of time to meet FAR requirements and award the contract.

Questions regarding procurement of Envelop® Protective Covers should be addressed to your support representative (listed on this page). If necessary, contact Shield Technologies directly at our Eagan based operations headquarters. Shield Technologies takes pride in providing high levels of support for all customers.



Machine Gun Covers on a USCG Cutter



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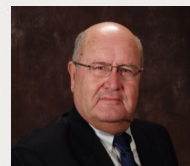
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