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Failure of Intercept Shrink Film on Hawaiian Islands

Rivals can imitate Cortec's technology, but not the corrosion protection success.

Companies in the corrosion prevention business around the world continue to try to mimic Cortec's innovative and efficient corrosion protection products.

Corrosion Intercept, was manufactured by Griffolyn (a division of Reef Industries, Inc., in Houston, Texas). The company claimed that Corrosion Intercept provides multi-metal corrosion protection from airborne gases and achieves very high barrier properties. They also assert that this material's protection abilities are unaffected by climatic conditions.



After a laboratory evaluation and comparison between Corrosion Intercept and Cortec's VpCI®-126, using Razor Blade Test, SO₂ Test, and ASTM D 1748 it was proven that the Intercept material does not contain any VCI compounds and does not provide corrosion protection in a sulfur dioxide environment. The film's ability to provide corrosion protection is affected by climatic conditions, especially humidity.





NEWS ALERT



Corrosion Intercept's shrink films are failing to protect military equipment in the Hawaiian Islands. Recently, the U.S. Army base complained of failure due to blown out film from pintle rings. The equipment was not moved or handled in any way by the equipment owners after the Intercept film was installed back in 2008.



Cortec® Corporation has provided laboratory proven protection against corrosion. Cortec's VpCI®-126 EM UV Film combines high strength resins with ultraviolet light stabilizers (UV) and Vapor phase Corrosion Inhibitor (VpCI®) Technology. This state-of-the-art film construction provides multi-metal protection for parts, equipment, and vehicles for up to three years, even in aggressive outdoor conditions. Unlike some preservation films that rely on white pigments to reflect UV light, VpCI®-126 EM UV contains unique inhibitors that protects the polymer from UV exposure and prevents degradation.

