

JDAM

Protective Covers

- Moisture Proof
- Vapor Proof
- Heat Sealable
- Conductive Interior
- MVTR $\leq .0002$
- Matte Exterior
- Indefinite Vacuum



**PROTECTIVE
PACKAGING
CORPORATION**

The JDAM Packaging Project

Boeing contacted Protective Packaging in March 1997 to develop a packaging solution to protect Joint Defense Attack Munition (JDAM) missile guidance systems from corrosion and electrostatic discharge during transport and storage. The catch was that the solution was needed immediately and had to meet an array of requirements to be accepted.

Within 48 hours of being contacted, Protective Packaging President, Steve Hanna and Sr. Vice President, Jim Hiller were at the Boeing facility in St. Louis, MO, working on a solution. After a 3 hour discovery meeting, Protective Packaging executives returned to Dallas and began aggregating materials that would deliver a solution that:

- was moisture and vapor proof
- was heat sealable and able to hold an indefinite vacuum
- had a conductive interior
- had MVTR of .0002 or less
- was durable
- was dull not shiny

Two weeks later, Protective Packaging returned to St. Louis with 3 different materials that would meet or exceed the outlined requirements. By the end of the meeting, a decision had been reached as to the material to be utilized.

After several more visits and severe testing, which included thermal, vibration, altitude, loose cargo and drop tests, the material was approved. To this day, Protective Packaging Corp is the sole supplier of JDAM barrier material.

Packaging Consulting Services

Do you have a packaging problem you are trying to solve?

We can help! Our team possesses a wealth of knowledge about how to protect your products, equipment and machinery from corrosion and electrostatic discharge (ESD) during shipping and storage. We can analyze problems, develop solutions, and provide on-site implementation or training services to make sure the job is done right the first time.

**2011 - Silver
Boeing
Performance
Excellence
Award**

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**PROTECTIVE
PACKAGING
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The Flexible Packaging Experts
ISO 9001:2008 Certified

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