



CORROSION INTERCEPT



By Appointment
to Her Majesty Queen Elizabeth II
Suppliers of Conservation Storage,
Equipment and Display Products
Conservation By Design Limited Bedford

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Static Intercept Export Bags

Static Intercept was developed by Bell Labs to solve the problems that industry was experiencing with ESD and corrosion. Corrosion is one the largest causes of latent or field defects. Bell Labs developed a revolutionary new technology that combine the state of the art ESD protection with unequaled corrosion protection. No other ESD product on the market can prevent corrosion, in fact many current ESD packaging systems help promote corrosion - the silent killer of electronics. Intercept bags provide the perfect combination for protecting items, from large to small, in shipment.

This paper covers the use of Static Intercept export bags as replacements for your current protection for your mild steel. These export bags have been used by AT&T (Lucent Technologies) since the Gulf War, but the use has expanded corporate wide since 1995.

The first use of the bags was after the Gulf War when switching gear was brought into Kuwait by AT&T. The environment was so heavily concentrated with high temperature Sulfur and Chlorine (from the ocean and the burning oil wells) that metal items corroded almost instantly. AT&T found that by packaging their switching gear in large Intercept bags that they were able to safely bring the equipment into the country, set it up and get it operational with no corrosion damage. Once a metal item has electricity running through it, or once it is live, there is a substantially reduced risk of corrosion - corrosion and damage happens mainly in storage and transit. AT&T was able to identify that about 80% of their latent or field defects were corrosion related, so it was critical that the product protect against corrosion. Intercept was developed by one of the leading corrosion scientists in the country - a Mr. John Franey from Bell Labs. John was the head corrosion engineer on the Statue of Liberty refurbishment. John's assignment was to develop a material that provided this type of long term corrosion protection within an environmentally friendly system.

Since then Lucent has switched to Intercept bags for their export shipments. The Intercept bags provide increased protection from the corrosive gases, over even the foil bags that they were previously using. Barrier bags cannot keep gases out - Intercept reacts with and neutralizes corrosive gases, protecting the valuable products stored inside. Intercept bags perform their best when completely sealed, however Intercept will continue to scavenge the corrosive gases even when the bag has been opened, providing long term protection that does not end with customs inspection. Finally, Intercept is recyclable and re-usable; foil (barrier) bags and VCI's are neither.

This product is meeting with tremendous success at AT&T (Lucent). They are seeing an enhancement in their product protection, no reported damage or losses since the program inception and material and labor savings. This program has now been extended to other companies such as Analogic, 3Com, IBM, and being reviewed and tested by many others. This program can be adapted to meet your exacting requirements.

Please contact us at the number or address below for more information or for ordering.

Standard Sizes (Custom Sizes Available)

- 46" x 44" x 62"
- 23" x 21" x 56"
- 60" x 112"
- 60" x 96"
- 46" x 44" x 76"
- 48" x 24" x 56"
- 40" x 112"
- 36" x 36"
- 46" x 44" x 90"
- 80" x 112"
- 60" x 132"
- 18" x 24"

Qualified and used by such companies as: IBM, Lucent Technologies, Analogic, 3Com

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