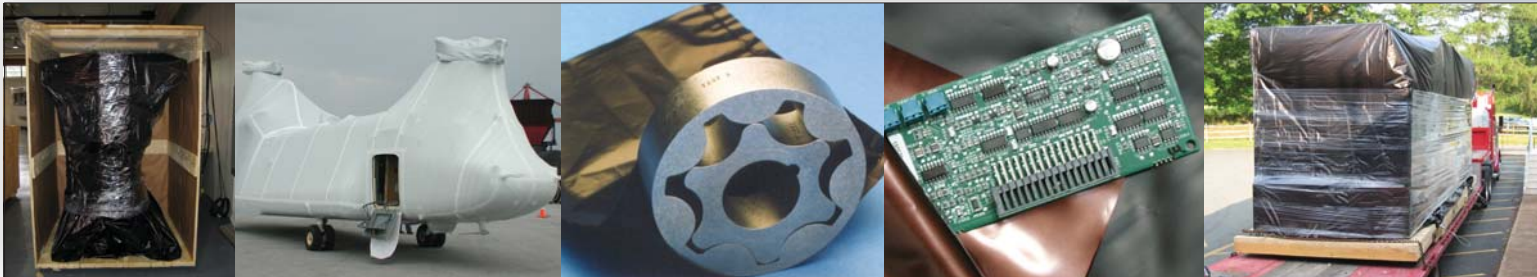


Anti-Corrosion • Anti-Rust • Anti-Mold & Mildew • Permanent ESD

Intercept Technology™

...Simply Better Protection

The **Only** Contamination-Free Corrosion Control & Static Protection



Intercept Technology™ is a plastic film and packaging technology that provides permanent ESD protection with effective long-term, contamination-free corrosion protection against rust, oxidation, mold, and mildew. It's clean, green, and safe... reusable and recyclable.



Intercept was developed by Bell Labs over 20 years ago.

It's been rigorously tested by independent scientists and laboratories, and approved for use by companies throughout the world.

Intercept is proven to protect everything from base metals to high-end electronics and optics, from jewelry to weapons; it's ideal for aerospace and automotive, telecommunication equipment or museum artifacts.

The Perfect Solution. Intercept is the next generation of industrial packaging protection, fortification specifically designed to protect all materials that are attacked or degraded by atmospheric pollution and the reactive gases that cause corrosion.

R.J. HANLON
COMPANY, INC.

R.J. Hanlon Company, Inc.
17408 Tiller Court, Suite 600
Westfield, Indiana 46074
317-867-2900
Customer Service:
317-867-0028
www.rjhanlon.com

Configurations & Styles

- **Stock & Custom Bags**
No Size Limit! 3-6 mil
- **Flat & Zipper Bags**
3-6 mil, variety of sizes
- **Export Bags**
3-6 mil
- **Roll Stock**
(slit to width) 3-6 mil
- **Shrink Film**
up to 40' width
- **Custom Lined Boxes**
- **Injection Molded Trays**
- **Totes**

It's science, but it works like magic

- Intercept guards against oxidation and provides long-term protection from rust and corrosion, in nearly any environment, for up to 15 years.
- The scientists at Bell Labs invented a method to transform normal plastic into a high-gas barrier material, utilizing **copper** reacted into the plastic molecular chain.
- Reacts with and then permanently neutralizes corrosive gases.
- Seals and forms like a standard plastic.
- Doesn't contaminate or leave deposits of any kind.
- Safe for all products – NASA Approved.

Intercept Technology™

...Simply Better Protection



Intercept Technology™ is the most advanced packaging system invented because of its superior protection, cleanliness, proven field performance, safety, simplicity, and design flexibility. Intercept is a disruptive technology, providing process improvement from manufacturing, through shipping, to the end-user. It will save you money, time, and worry.



Developed by Bell Labs, Intercept was specifically designed to overcome the numerous shortcomings of traditional packaging materials in the field. Quite simply, it creates an **active** barrier — rather than a passive one — and shrouds your assets with a stronghold of one-of-a-kind corrosion control and static protection.

Long-term, Effective Corrosion Protection

- No volatile chemicals
- No outgassing
- Static dissipative
- Inert / non-coating
- Clean
- Cost-effective
- Recyclable
- Reusable
- RoHS compliant

Many Applications:

- A multitude of metals, plastics, fabrics, rubber, etc. subject to corrosive damage (rust, oxidation, mold, mildew, etc.)
- Import/ Export
- Warehousing
- Manufacturing
- Cleanroom
- Long-term Storage
- Parts Management
- Preserving Solderability
- Shrink Wrapping
- Box Liners

Traditional materials problematic

Intercept provides something different: a **reactive barrier to corrosive gases**. Many traditional materials (foil laminates) are simply passive barriers, working on the dry method of preservation which require less than 37% RH (relative humidity) at all times. This can work well, however the package is not designed to be opened and closed, or resealed. Even a single pin-hole in the structure or seal will compromise the protection. Barrier packaging demands complete hermetic seals and requires the bag is sufficiently loaded with desiccant to maintain the low RH level. Other methods rely on volatile protection (VCI's - Volatile Corrosion Inhibitors) which add to the VOC loading. They need to be monitored for shelf life and correct material for the metal being protected.

Non-ferrous metals, however, corrode primarily due to corrosive gases, not moisture. Dry pack packaging is then ineffective, as humidity is not the driving force. This can be seen (for example) in shipments to Asia. Due to severe levels of atmospheric pollution (as much as 200 times higher than here in the US), non-ferrous metals are often corroding in days or weeks instead of what was traditionally seen in months or years.

Intercept works better

Because foils are passive, they provide only inert barrier properties. Intercept works differently, performing as an **active** barrier. This unique material becomes a torturous path for corrosive gases — including Sulfur, Chlorine, Ozone, Nitrous gases, etc. Intercept's robust protection prevents the gases from penetrating the bag, plus Intercept cleanses the interior air space, creating a neutralized micro-environment inside-free from destructive corrosive gases. By eliminating the fuel that's necessary for corrosion you're protecting assets and all their components: both ferrous and non-ferrous metals, rubber, plastics, fabrics, paint, and more.

Intercept is the only anti-corrosion material that has been awarded a prestigious German Government Environmental Award for being the preferred anti-corrosion packaging. Intercept contains no oils, no volatiles, and no contaminants, and it does not outgas. It has accelerated breakdown in landfills, and is fully recyclable and reusable. It can easily be reclosed in the field and at customs. The ESD protection is permanent, as ESD values on the films and bags are normally 10e6 to 10e9 Ohms/Sq, the ideal ESD range.

Ideal for every industry:

- Electronics
- Optics
- Aerospace
- Telecommunications
- Museums
- Weapons
- Heavy Equipment
- Maritime
- Shipping
- Energy
- Textiles
- Transportation

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