



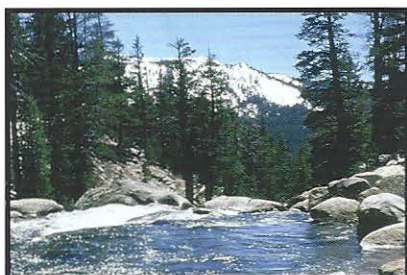
Anti-Corrosion • Anti-Rust • Anti-Mold & Mildew

# Intercept Technology™

...Simply Better Protection

## Be Lean and Green:

Finally, industry can save money AND help the environment



The conflict exists throughout industry, as companies wrestle with the tough job of combining fiscally responsible production with environmentally sensitive operations: Do we save money or help the environment?



**Intercept Technology™** allows companies to choose both when tasked with saving money and enacting ecosustainable manufacturing and packaging strategies. Intercept packaging delivers proven and effective protection, plus gives you a measurable green component to your operations with its recyclability, reusability and process reduction that always saves money.

Intercept Technology delivers 3 ways:

**Superior performance, cost-effective, environmentally sound**

### Wood Reduction Program: Drastically cut costs, save timber

Following exhaustive research, ABB Machines selected Intercept Shrink Film for a revolutionary new packaging program. The protection it provides coupled

SAVE TIMBER  
**\$500K**

with a reduction in claims allowed for vast reduction in the use of wood crates. The new system lead to an initial annual saving of \$500K, plus saves many tons of wood per year. As an added bonus, workers enjoy an improved working environment. Next: aftermarket parts with even greater potential for bigger savings.



### A Winning Formula: Reduce + Improve x Multi-use = Savings

A major automotive supply company cut dunnage and improved eco-sustainability, moving from a single-use barrier bag with an oxygen scavenger to a reusable Intercept tray. Even with 5x the initial cost, the breakeven point was achieved quickly, saving 27,000,000 Yen (\$350K USD) after seven cycles. The permanent ESD and robust corrosion protection produced ZERO rejects after an 18-month trial phase. Often overlooked, ESD events have been shown to cause serious corrosion issues on powder-treated metals and Aluminum.

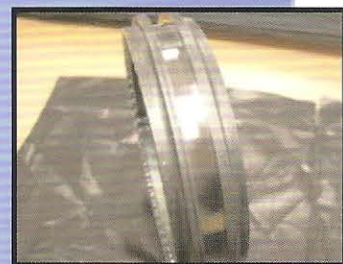
MULTI-USE SAVES  
**\$350K**



### The cost of rejects and reworks run deep

SAVE TIME  
**\$48K**

Reduced rejections was the company goal... reducing costly reworks, scrap and re-shipment of replacement parts. The cost of failures goes deeper than the initial cost of the replacement part. A change to Intercept eliminated the use of volatiles and oils, produced a more eco-friendly part, safer for workers, and saved over 37,000 Euro (\$48K USD) in rejected parts per year. Plus by increasing pack density, they also saved 60 euro per pack (\$78) for shipments from UK to India.





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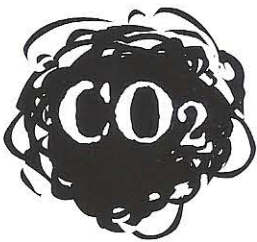
## Safe for assets, safe for workers, and safe for the planet



Each year, US industry uses more than 350,000 tons of foil and ESD packaging for industrial applications. These traditional packaging materials offer less protection and are not recyclable, leaving companies and customers unable to dispose of the bulky packaging. Plus any protection with foil demands complete and hermetic seals, requiring additional energy.

**LIMITED:** Foil protection, just a function of reduced RH (relative humidity), is recognized as marginally acceptable for packaging ferrous metals. But it has absolutely no bearing on the corrosion rates of non-ferrous metals (Silver, Tin, Copper, Aluminum, etc. ) and offers zero benefits. Also, in addition to landfill problems, it generates increased safety issues due to its razor sharp edges.

## The Simple Truth: Re-use + Reduce + Recycle = Reliability



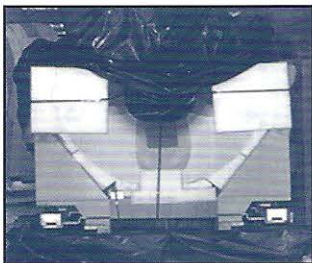
### Intercept gives industry a proven formula for success

A 2010 study commissioned by Alcatel-Lucent showed the use of Intercept packaging to be a cornerstone for any ecosustainability program. With a unique ability to be re-used and recycled, coupled with significant increases in product and asset reliability over traditional packaging, Intercept proved to be the difference, and resulted in a **4000%** reduction (**40x**) in Carbon Greenhouse Gas emissions.

## Result: 4000% Reduction in Greenhouse Gases

### Reusable performance

CT Scanners shipping overseas from U.S., often had foil packaging opened by customs agents for inspection, resulting in rust damage. Technicians would have to be dispatched to remote locations globally, for costly and lengthy repairs.



Switching to Intercept, packages are now repairable after inspection. Result: ZERO scanner failures for 15+ years -- no more flights for techs, no more remote repairs. Plus, due to tedious heat-sealing and evacuation, normal packout time was **8+ hours** with foil. With Intercept, it was now reduced to just a **20 minute** Quick Pack – savings that's measurable.

### Save time, eliminate the bottleneck

Continuing to depend on outdated packaging and old-school preservation methods brings a drain of both money and manpower: Vapor bags are inflexible and limit storage solutions; Foil products need hermetic seals to be effective, plus require other equipment and hours of extra effort. Application of oily coatings creates the additional burden of clean-up and removal, and the time-consuming effort that goes with it. Intercept streamlines operations, and eliminates processes that bog down progress and stand in the way of profits.



### The Bulletproof Bulk pack

Intercept means better protection and bigger savings. Packing and shipping critical components in greater quantities yields a leaner process, easy convenience, and smart savings. This program for an aluminum coupler bulk pack using Intercept proved to be a winner in multiple ways:

- Uses 1 bag instead of 18
- Reduced pack time by 63%
- Reusable pack materials
- No vapors, oils, chemicals, or coatings means parts were ready-to-go immediately upon delivery.



### Outdoor Storage: Fast, easy, effective

Wrapping equipment with Intercept Shrink Film for outdoor storage is a fast and effective solution, delivering 5-year protection and opening valuable warehouse space. Only Intercept is oil-free and chemical-free, so machinery and spare parts are ready for action the instant you unwrap... nothing to clean up, wipe off or rinse away. That saves downtime, eliminates wait time and frees up valuable manpower, and limits workers' exposure to chemicals.



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