



# Reusable covers that allow for Inspection and Rotation while providing Oil Free Corrosion Protection

Intercept reusable Canvas and Woven products covers offer corrosion protection while being able to inspect the item being stored.

The main problem with existing oil based products is they need to be contained in a sealed environment. With Intercepts unique properties the package can be opened then closed and Intercept goes back to work scrubbing the environment of corrosive gasses maintaining critical spares and electronics in working order, free from corrosion.

Items such as large pumps, riser assemblies to reels and winches can be protected to ensure the equipment is ready for service after extended periods of storage. Intercept also protects plastics and rubber from degradation. No oils means no cleanup before the item goes into service and no volatile substances affecting the workers health or the environment .

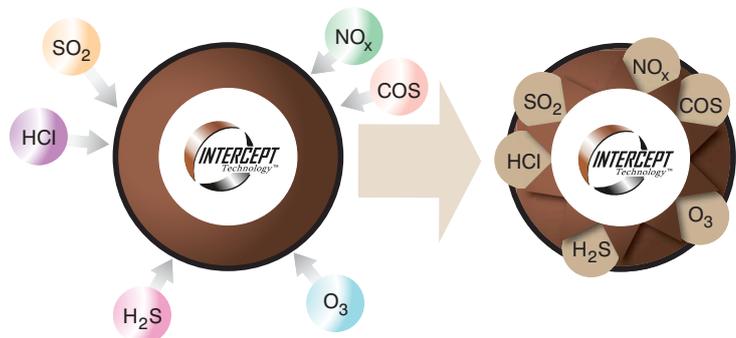


Woodside - King Bay Supply Base.



ConocoPhillips - NT - Cable Drum Cover

Intercept delivers protection by reacting with and then permanently neutralizing corrosive elements



**Chemically Bonds to and removes airborne contamination  
Humidity and temperature independent  
effective at low and high concentrations of gases**

# AUSTRALIAN PACKAGING AWARD

## Silver Award Winner

### FOR BREAK BULK PACKAGING USING CORROSION INTERCEPT® TECHNOLOGY



### Comments

By combining heat shrink technology with large format Intercept anti-corrosion film, Under-Raps™ has developed a valuable solution for the packaging of large complex objects like helicopters, marine craft, mining equipment and sensitive electronic control rooms.



### Award Criteria

The Award was for outstanding developments in industrial packaging. Entries demonstrated technical, logistical and/or functional developments which promote efficiency, sustainability and/or reduce environmental impact. This Award was open to packaging for – bulk transport, manufacturing components for further assembly, machinery, etc.

### Re Usable Containers

These Static Intercept® laminated flat packs, with permanent corrosion and ESD properties, can provide up to 5 years protection.

A washable system for clean parts, these containers have a high degree of rigidity due to its internal honeycomb structure.



Large equipment like this is often trucked over gravel roads, loaded in salty ports and delivered to dusty mining sites. The anti-corrosion LDPE film protects against dust, rain, rust, insects and even adds a quarantine barrier. The use of highest quality virgin plastic is offset in part by the elimination of anti-corrosion cleaning processes required previously. The inclusion of a unique zipper feature means packs can be opened and resealed for forklift use, inspection or fumigation access. This eliminates the need to cut and reseal or rewrap during loading operations. The concept saves time, money, handling, leaks, cleaning, and protects against deterioration, damage, and returns. The logistical improvement is significant and judges were impressed by the creative approach and technical ingenuity demonstrated by this entry.





## UNDERRAPS™ HAVE THE SOLUTION!

UnderRaps™ is proud to be the Western Australian and Northern Territory agent for Absortech Australia desiccants and shipping products.

Absortech is specialised in developing different types of solutions to protect shipments from moisture damage. You can rely on our knowledge and expertise when it comes to protecting your cargo. The Absortech Products are used in over 40 countries through a wide network of distributors.

The Absorbag / Absorpole / Absorgel Products are all based on the use of high grade Calcium Chloride and aggressively remove moisture from the air. The resulting brine is collected in a container where it is safely sequestered from further contact with the air. This simple process is the base of superior functional properties of these products. For all Intercept containers we recommend a non chloride Mineral desiccant commonly referred to as Montmorillonite, Bentonite or Clays. These are made from naturally occurring clays that are activated through drying.



## MOISTURE DAMAGE IS COSTING YOU \$\$\$\$

Sea Containers, Shrink-Wrap, Intercept storage boxes is an economical and safe way of shipping almost any kind of cargo. But putting a cargo into a closed strong box also entails a constant risk of moisture damage for every kind of cargo on every voyage.

- X Metals corrode, discolour and lose their shine**
- X Cargo and packaging get mouldy, soft, crumbled and discoloured.**
- X Bad smell**
- X Physical damage from water, ice, things gluing together, caking etc**

Such damage may result in substantial losses and costs, from

- X Rejected products**
- X Loss of quality in product and consequent lower value**
- X Extra processing, fixing up, re-packaging and handling**
- X Extra inspections, administration, claims etc**
- X Protective packaging of the product – Buying it, applying it and removing it**
- X Loss of time**

These costs may be visible or invisible. The Customer may implicitly assume they have to do some post-processing having already agreed to a price on the finished goods. The inspection and administrative costs may be seen as part of general overheads. The full cost of protective packaging is often underestimated. But once cost are recognised and dealt with, it is possible to realise the saving.

Clay is inexpensive and reasonably effective within normal temperature range, but abruptly loses its absorbing capability at just less than 50C. They can be regenerated by drying them slowly at about 65C.

Mineral desiccants are not suitable for use in an environment where the temperature may exceed 50C even temporarily.

Mineral desiccants have a fairly high absorption rate at low humidity levels, but are much slower than e.g. Silica Gel at higher levels of humidity.

**Learn more from our website how the Absortech Desiccant Products can keep your cargo pristine all the way to it's destination.**



# Oil Free Anti Corrosion Protection

## Intercept Technology Products:

- Neutralize corrosive gases preventing corrosion on all metal surfaces
- Protects plastics, rubber and fabric materials
- Extend storage, UV protection, reusable, recyclable, non-polluting materials
- ISO 9001:2000 Certified; TRGS 615, RoHS and REACH Compliant
- Winner Australian Packaging Awards 2010
- Winner Environmentally Friendly Packaging Award Germany 2006



**Packaging for Storage Logistics  
and Preservation**

Telephone: +61-8-9248 8900 Email: [sales@underraps.com.au](mailto:sales@underraps.com.au)  
[www.underraps.com.au](http://www.underraps.com.au)

