

2010

**Under Raps Pty Ltd
Intercept Technology**



... simply better protection!

**Packaging Advances
Allowing Oil Free and
Volatile Free Protective
Solutions**

**For shipping and
storage**

Contents



Intercept Technology



Intercept over oils



Areas of packaging

Sampling of customers & product

Pollution is only an airstream away



Why choose Intercept over Oil's

- Growing regulatory and environmental concerns on packaging
 - Currently European legislation makes plastics with >100 ml of oil on/in 1 m³ of film non-recyclable, later this year the level drops to 40 ml (1.3 ounces)
 - Foil bags as well as Shielding Bags are non-recyclable which has European implications
 - Sustainable / recyclable / re-usable are no longer catch phrases, they are the standards that are beginning to be demanded
 - European legislation against volatile substances in packaging, including TRGS-615
- Consolidation of European environmental laws, now with the EU Constitution being ratified will begin to take place
- Already two additional items added to RoHS list in EU
- **Green Packaging is the new push around the globe**
Intercept Technology™ meets the challenge

Intercept Environmental Aspects

- Intercept helped VW to win 2 environmental awards by eliminating oiling their engine blocks – with huge cost savings

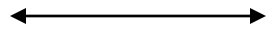
- Intercept was awarded an Environmental Award for Being an Environmentally Friendly Anti-Corrosion Packaging by the German Government

 - The only anti-corrosion packaging in Germany with this honor

- Intercept is RoHS compliant and keeps Silver from tarnishing so as to help RoHS compliant board finishes to stay pristine

- Intercept is fully recyclable / re-usable / VOC free / Volatile Free

Protection, Performance and SMALLER Carbon Footprint



Static Intercept®

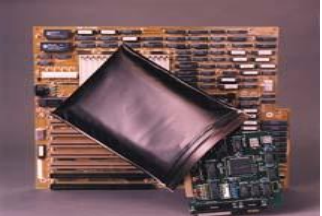
- Bags / Films / Totes
- Homogenous
- Recyclable / Re-usable
- No volatiles

Traditional ESD Packaging Static Shielding Bags

- Not recyclable
- Coatings (VOC) on inner and outer surfaces
- Lamination layer (adhesive + lamination step)
- Polyester Layer (high temperature extrusion)
- Vacuum deposited Al layer
- Polyethylene (PE) layer

Areas of Packaging

- Aerospace & Defence
- Electronics
- Mining and Oil & Gas
- Manufacturing
- Archival



Some Sampling of Customers

Update of *Some Aerospace / Military* Users of Intercept Packaging

- **Company**

- Messier Dowty
- Nichols Aircraft
- TRW
- Boeing and Aerojet
- German Military
- Honeywell / Germany
- Singapore Air Force
- Lockheed / NASA
- US Merchant Marine
- US Coastguard
- US TACOM (tank)
- SAIC
- Raytheon
- General Dynamics
- Kaman Aerospace Aust

- **General Application**

- Protecting landing gear parts
- Protecting gerotors
- Launch pad film
- Protecting spare parts
- Protecting Tank spares
- Protecting military fuses
- Protecting Armaments / F16 parts and air craft
- Satellite components
- Shrink-wrap 3 complete ships
- Shrink-wrap portable barges
- Protecting spare parts
- Protecting Navy shafts / props
- Protecting boards for Patriot Missile
- Long term storage of boards
- Helicopter protection

Some Sampling of customers

Update of *Some Electronic / Manufacturing* Users of Intercept Packaging

• Companies

- Siemens
- Compaq / HP
- Texas Instruments
- Analogic
- 3 Com
- Cisco
- Celestica / Lucent
- Sycamore Systems
- Diebold
- Richardson Electronics

• General Applications

- Coated Boxes (Italy) – Boards
- Transport of systems (Europe)
- Protecting contacts
- Transport of Bomb & CT Scanners
- Transport of frames
- Pilot program – reusable frame bag
- Protecting circuit cards
- Protecting assemblies
- Protecting Electronics / boards/assemblies shipping to China
- Protecting boards / components

Some Sampling of customers

Update of *Some Manufacturing Users of Intercept Packaging*

- **Companies**

- Baldor Motors
- Cloeren Dies
- Avon Gear
- US Mint
- Royal Mint of UK
- Royal Danish Mint
- Royal Australian Mint
- J. D'Addario
- Millard Wire
- Lemforder (BMW)
- Ford
- VW
- Bosch automotive

- **General Applications**

- Protecting motor assemblies
- Overseas shipment of extrusion dies
- Protecting precision gears
- Protecting proof coins / blanks
- Protecting proof coins / blanks
- Protecting proof coins / blanks
- Protecting proof coins / blanks
- Protecting guitar strings
- Protecting wire for guitar strings
- Protecting rear axel assemblies shipping from Africa to China
- Shipping engines Germany to America / Germany to India
- Shipping engines south Africa to Germany
- Packaging of parts for shipment

Some Sampling of customers

Update of *Some Archival / Museum* Users of Intercept Packaging

- **Institution (Company)**

- Guggenheim Museum
- Museum of Modern Art
- Indianapolis Museum
- Japan Museums (Katotech)
- Minneapolis Museum of Art
- Tate Gallery
- Kew Gardens (UK)
- Kew Gardens (UK)
- Getty Museum
- Fine Arts Express

- **General Application**

- Protecting sculptures
- Protecting art work
- Protecting sculptures
- Protecting artefacts
- Protecting Artefacts
- Protecting digital data
- Protecting digital data
- Protecting seeds
- Protecting collections
- Store artefacts/ move collections

Some Sampling of customers

Update of *Some Mining and Oil & Gas* Users of Intercept Packaging

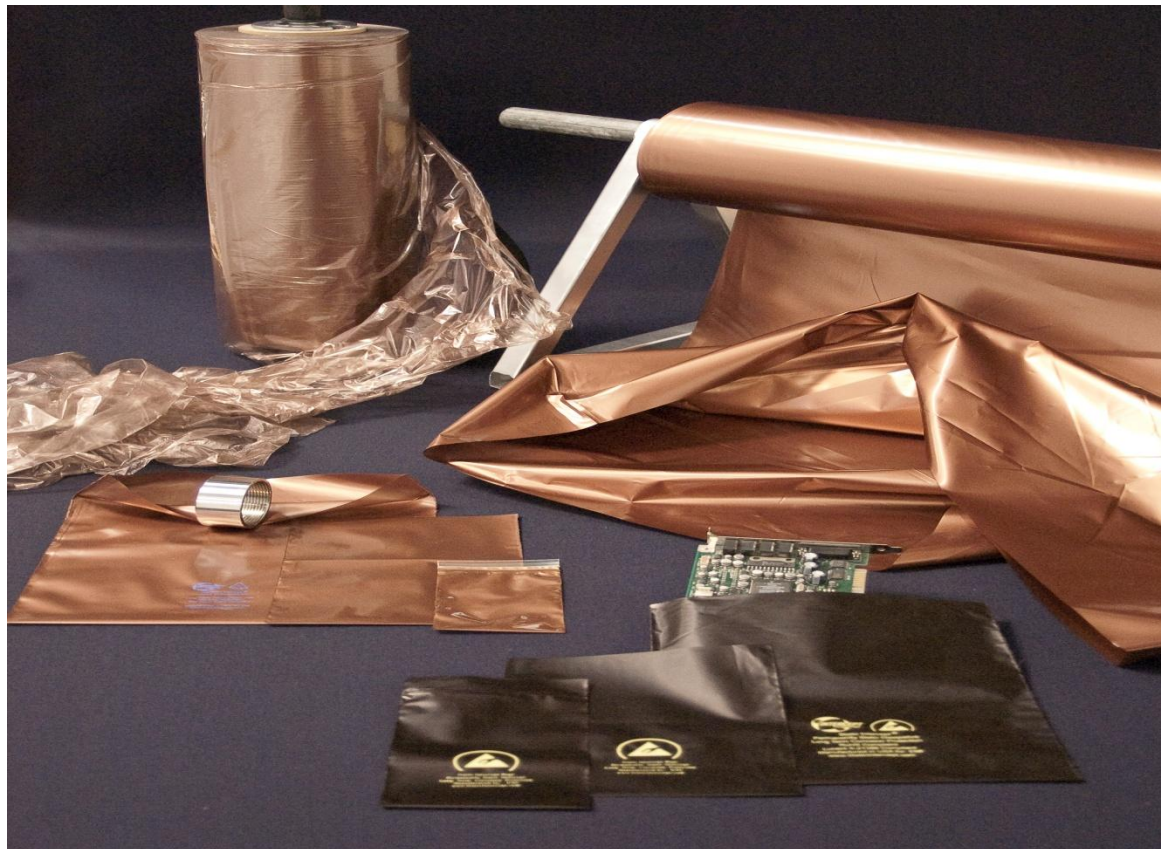
- **Institution (Company)**

- Bhp
- Rio Tinto
- Xstrata
- Woodside
- National Oil
- Komatsu
- Caterpillar
- Hitachi
- Bucyrus
- Chevron

- **General Application**

- Protecting onsite equipment
- Protecting onsite equipment
- Sample storage
- Protecting onsite equipment
- Protecting shipping equipment
- Shipping and storage parts reman
- Shipping and storage parts reman
- Shipping and storage parts reman
- Shipping of mining equipment
- Shipping and storage Barrow island

Intercept Technology Products



“Storage and shipping solutions for all shapes and sizes”

Intercept Technology Products

- Corrosion Intercept®
Flat film – tube and bags
(corrosion protection)



- Static Intercept®
Flat film – tube and bags
(corrosion and static protection)



- Intercept M.V.T.R®
Flat film –tube and bags
(corrosion, static and moisture protection)



Intercept Technology Products

- Corrosion Intercept Solo –Max ®
Corrugate board
(corrosion and static protection)



- Corrosion Intercept Filtration ®
Low and high density
(corrosion protection)

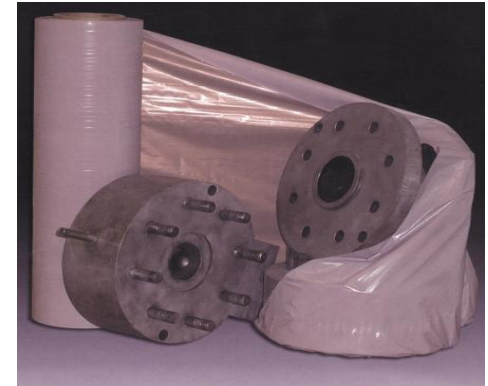


- Corrosion Intercept™ Evidence
Corrugated boxes and bags
Gun bags
Rf secure bags
Digital data protection



Intercept Technology Products

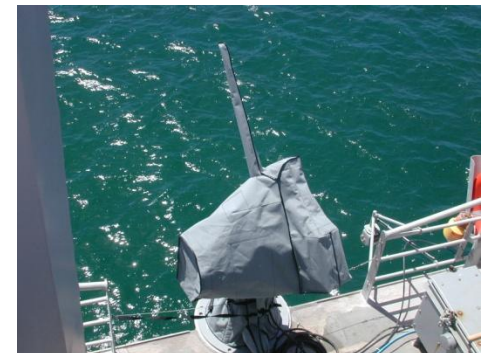
- Corrosion Intercept® stretch – film
(corrosion protection)



- Corrosion Intercept™ shrink – film
6-7-8 mil 6m and 12m wide
(corrosion protection)



- Corrosion Intercept™ canvas
(corrosion protection)



Intercept Technology Products

- Intercept Pearl®
Returnable boxes
(corrosion and static protection)



- Corrosion Intercept Woven®
Re–usable bags
(corrosion and static protection)



- Schafer Injection moulded boxes and inserts
(corrosion and static protection)



Intercept Technology Group



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