

1

Facilitating Compliance

Intercept Australia working with customers to meet APCO Compliance and 'The 2025 Targets'.

2

Returnable, Reusable, Recyclable & Closing The Loop

Manufacturing & implementing APCO compliant products.

3

Technologically Innovative Solutions

Technologically advanced materials deliver asset management and preservation.

4

Efficient Practice

Sustainable solutions maintain equipment readiness.

5

Health is a Priority

Reduction of solvents & CO2 emissions.



The Australian Packaging Covenant Organisation



INTERCEPT
AUSTRALIA





Smart Conservation and Packaging Solutions

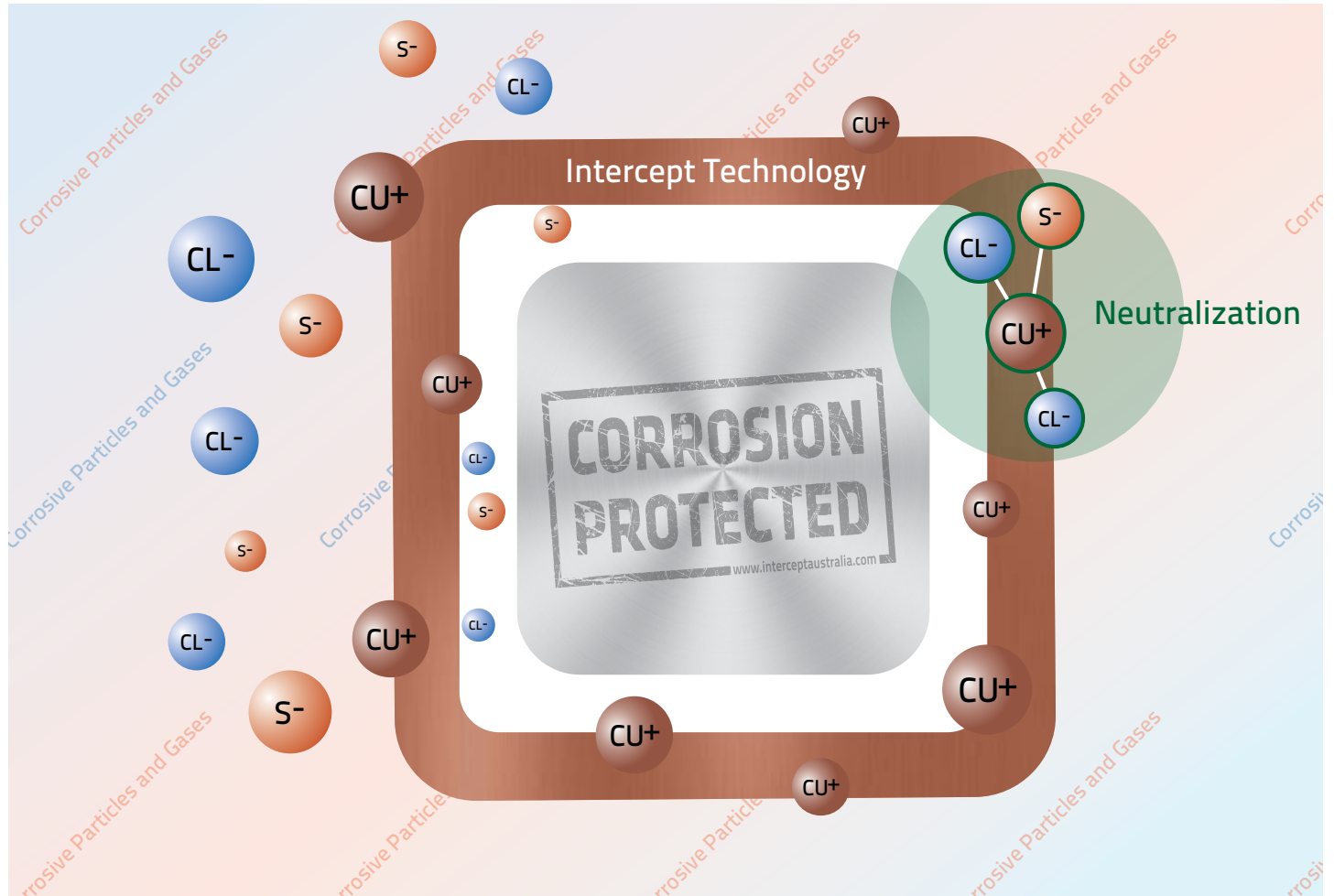
Corrosion Protected with INTERCEPT

INTERCEPT works fundamentally different from conventional methods. Packaging with INTERCEPT Technology™ provides corrosion protection even under extreme conditions. For more than 20 years, this technology has demonstrated its effect in various applications. Secure protection during transport, storage and a significant reduction of process costs by numerous industrial applications.

Independent test results also confirm the unique effect of the material. Effective, environmentally friendly and proven in various applications.

A packaging technology for all materials and applications.

Convince yourself and test the service of INTERCEPT Technology™ and our qualified application advisors.



Here's how INTERCEPT works

Variable storage periods. Upto 5+ years without repackaging.

INTERCEPT is made of copper particles that are chemically and permanently cross-linked in a plastic compound. The particles react quickly with elements that are present in the atmosphere which cause and promote corrosion.

INTERCEPT binds corrosive gases permanently and thus produces a neutralized atmosphere around the packaged materials. All packaged materials, whether ferrous or non-ferrous metals, mixed components as well as plastic or electronic components are all

protected from aging and corrosion through the packaging has its corrosive elements removed, no longer causing corrosion. The neutralizing action and reaction with gases present takes place in a very short time ($<1h$). It does not matter whether INTERCEPT is in direct contact with the material to be protected or is a long distance away. This allows new packaging concepts with higher packing densities and less packaging material. The function is guaranteed even being used in drastic temperatures or in areas where the air has a high corrosive content.



100% Reliability



Oil Free



Efficient



**Reusable and
Environmentally Friendly**

More with Less !

Packaging Process without INTERCEPT



Packaging Process with INTERCEPT



Below: Mineral oil-based packaged Engine Block.

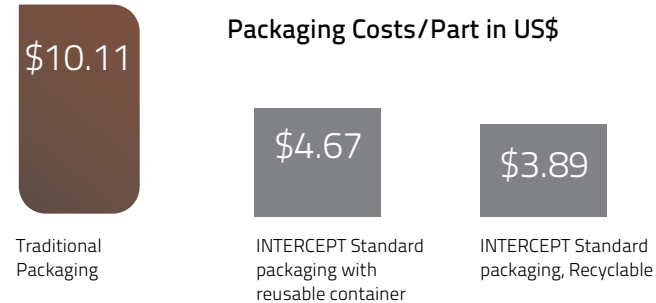


Left: INTERCEPT packaged Engine Block on arrival at the assembly plant.

Total cost difference

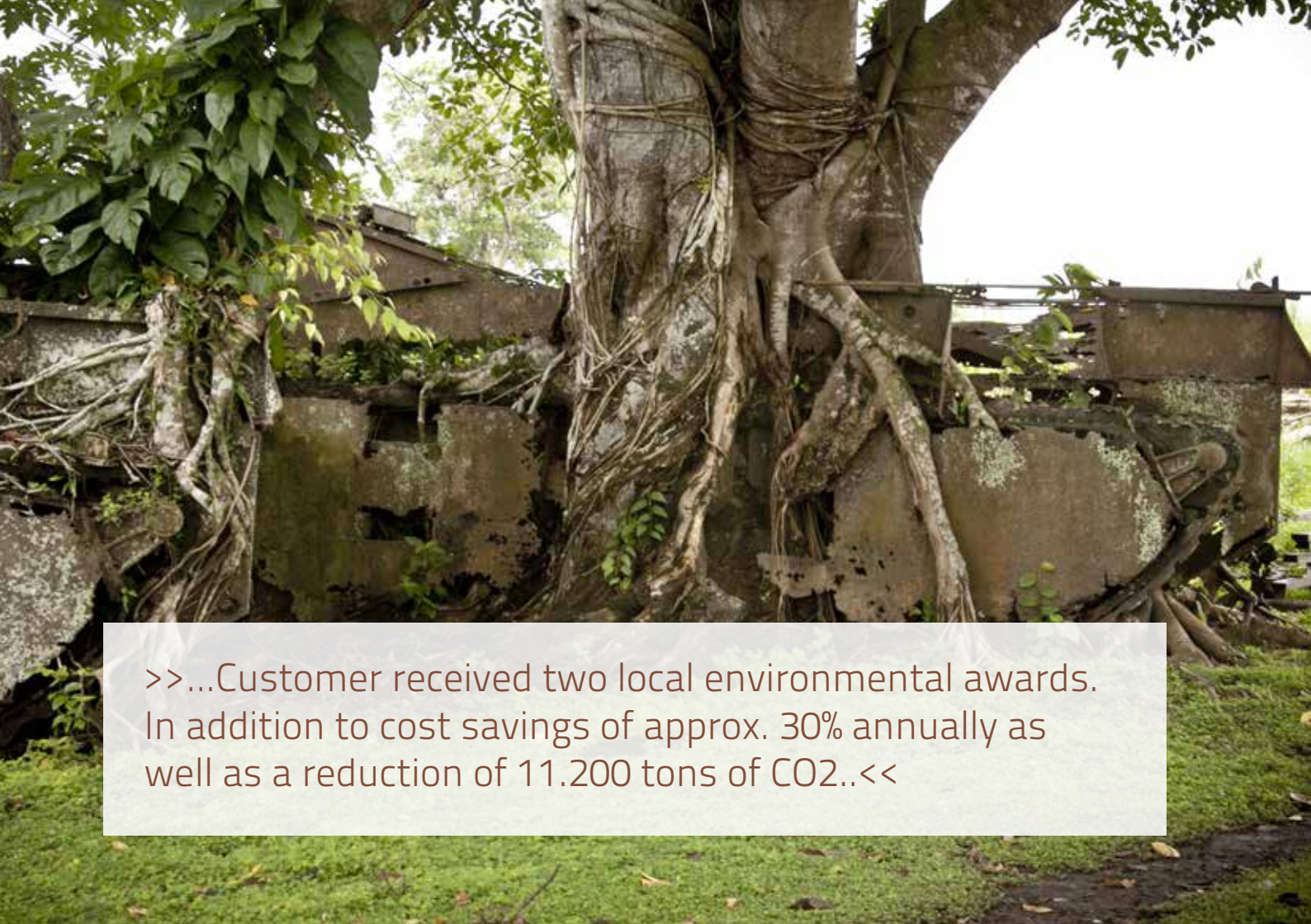
Oiling and de-oiling contribute to enormous cost

(For example: Transport of engine blocks from Germany to U.S.A.)



By eliminating unnecessary processes and reducing packaging materials, significant savings can be achieved.

- Reusable INTERCEPT containers (5 years, washable) and reusable INTERCEPT bags.
- All export packaging is designed for complete recycling and requires no oil.
- Provide solutions which negate the need for mineral oil-based preservatives.
- Higher packing densities and less work.
- One packaging technology for all materials and climates.
- Easy disposal.



>>...Customer received two local environmental awards.
In addition to cost savings of approx. 30% annually as
well as a reduction of 11.200 tons of CO₂..<<

Applications



INTERCEPT Large Item Packaging

INTERCEPT UV Shrink-Film for road and sea shipments, temperature independent, fully recyclable.



INTERCEPT Inspectable Packaging

INTERCEPT meets customs and quarantine requirements. Films and bags contain no oils or volatile solvents.

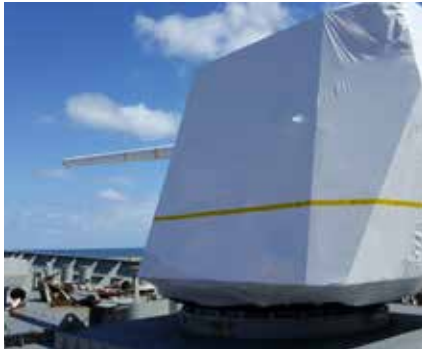


INTERCEPT Reusable Packaging

INTERCEPT Thermoformed containers and inserts are washable and ESD protected.

Defence

**INTERCEPT Shrink-Film, INTERCEPT Translucent, INTERCEPT Foam,
INTERCEPT Canvas, INTERCEPT2™, INTERCEPT 3D Printing**



INTERCEPT Australia Frigate MK45 Gun

Static INTERCEPT® Shrink-Film
preservation during ship refit.



INTERCEPT Aircraft Hangers

Static INTERCEPT® Woven, aircraft can
be removed and replaced, INTERCEPT
goes back to work providing corrosion
protection.



INTERCEPT Reusable Gun bags

Corrosion INTERCEPT® Gun
liners contain no volatile
solvents. Safe for optics.

Automotive

Static INTERCEPT®, INTERCEPT Translucent, INTERCEPT Foam, INTERCEPT Thermoform Inlays and Covers for VDA –KTL (Standard Items)



Innovative Features

Customised packaging techniques can be used to fulfil any operational requirements.



Cylinder Blocks Transported overseas

Cast Aluminium components protected in INTERCEPT complete packaging with either sequential cardboard or plastic dividers, offering higher packaging densities as well as process optimisation.

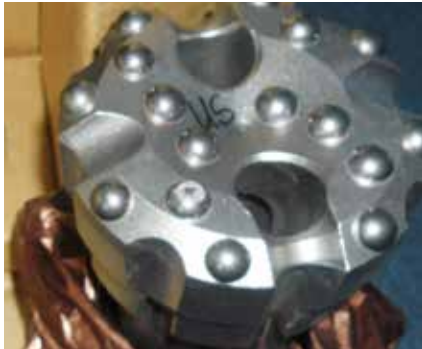


INTERCEPT Reusable Packaging

Heavy duty trays with high friction resistance for use in existing container systems. Reusable up to 5 years in circulation and 100 industrial washing cycles.

Mining

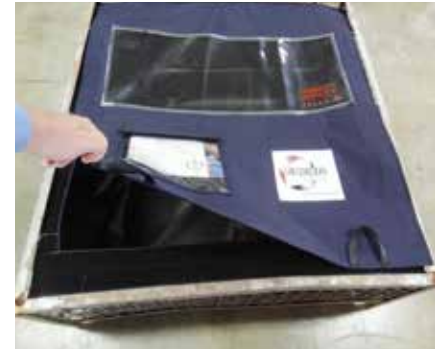
INTERCEPT Shrink-Film, INTERCEPT Translucent, INTERCEPT Foam, INTERCEPT Canvas, INTERCEPT2™



INTERCEPT Short-Term Storage
Corrosion INTERCEPT® Translucent allows for good visibility of the product during preservation and has built in saturation indicator.



INTERCEPT Medium-Term Storage
INTERCEPT2™ meets requirements for rotation of shafts and bearings, when closed INTERCEPT goes back to work.



INTERCEPT Reusable warehouse storage
Static INTERCEPT® Canvas with inspection window and document holder.

Mineral Preservation

**INTERCEPT IMPS-Film,
INTERCEPT Canvas, INTERCEPT2™**



INTERCEPT Reusable Core tray carry bags

Static INTERCEPT® Woven/Canvas
enables preservation of the core
from the drill rig to the sorting area.



INTERCEPT Core Preservation
Corrosion INTERCEPT® core tray
vacuum covers, eliminates the
requirement for refrigeration.



INTERCEPT Sample , Core and Chip finds
Corrosion INTERCEPT® bags with
puncture resistant polyethylene
second layer. Fully recyclable.

Oil and Gas

**INTERCEPT Shrink-Film, INTERCEPT Translucent, INTERCEPT Foam,
INTERCEPT Canvas, INTERCEPT2™**



INTERCEPT Off shore Packaging
Corrosion INTERCEPT® Stretch-Film can be applied on the platform and is compactable and fully recyclable.



INTERCEPT On shore Lifting
Static INTERCEPT® Shrink-Film Full corrosion protection with lifting points exposed. UV stabilised.



INTERCEPT Reusable Covers
Static INTERCEPT® Canvas
Reusable covers for remanufactured items.

Engineering

**INTERCEPT Shrink-Film, INTERCEPT Stretch-Film, INTERCEPT Foam,
INTERCEPT Canvas, INTERCEPT2™, INTERCEPT RIBS M.V.T.R™**



INTERCEPT Odd shaped Pumps

INTERCEPT UV Shrink-Film for road and sea shipments, temperature independent and fully recyclable.



INTERCEPT RIBS M.V.T.R Slew Ring and Bearings

INTERCEPT RIBS M.V.T.R™ full corrosion protection without having to vacuum resulting in cost saving.



INTERCEPT Large and Complex shapes Static INTERCEPT® Shrink-Film.

Energy

**INTERCEPT Shrink-Film, INTERCEPT Translucent, INTERCEPT Foam,
INTERCEPT Canvas**



INTERCEPT USA to Australia

Static INTERCEPT® corrosion and static protection during shipment and storage of high voltage equipment.



INTERCEPT Reusable shipping covers

Static INTERCEPT® woven and canvas bags contain no oils or volatile solvents.



INTERCEPT Long Term preservation

Philippines Geothermal
Static INTERCEPT® Shrink-Film with inspection windows allow monitoring during period of preservation.

Rail

**INTERCEPT Shrink-Film, INTERCEPT Translucent, INTERCEPT Foam,
INTERCEPT Canvas**



INTERCEPT Rail wagons China to Australia

Static INTERCEPT® Shrink-Film
for road and sea shipments
UV stabilised, temperature
independent and fully recyclable.



INTERCEPT Iron ore locomotive engines
Static INTERCEPT® Shrink-Film
preservation during remanufacturer
rotation.



INTERCEPT locomotive alternators premade kits

Static INTERCEPT® Shrink-Film preservation
during remanufacturer rotation.

Electronics

Static INTERCEPT®, INTERCEPT Translucent, INTERCEPT Foam,
INTERCEPT RIBS M.V.T.R™



Static INTERCEPT® and Corrosion protection

Static INTERCEPT® designed for short or long term ESD and corrosion (solderability) protection without the use of any oils or other additives that can coat, contaminate or alter electric resistance.



INTERCEPT reusable trays and totes

Static INTERCEPT® Thermoform sheet, reusable full static protection and is washable. Contains no oils or volatile solvents.



INTERCEPT Reusable Packaging

INTERCEPT RIBS M.V.T.R™ moisture, static and corrosion protection all in the one product.

Archival

Static INTERCEPT, INTERCEPT Translucent, INTERCEPT Foam,
INTERCEPT RIBS M.V.T.R™



INTERCEPT Large Item Packaging
Corrosion INTERCEPT® Translucent
temperature independent, fully recyclable
with built in saturation indicator.



INTERCEPT Inspectable Packaging
Corrosion INTERCEPT®
Translucent films and bags
contain no oils or volatile solvents.



INTERCEPT Foams
Static INTERCEPT® Laminated Foam
corrosion protection for coins, blanks
and notes.

PILLARS

ANTI-CORROSION PACKAGING FOR
STORAGE | LOGISTICS | PRESERVATION

1

Facilitating Compliance

Intercept Australia working with customers to meet APCO Compliance and 'The 2025 Targets'



**Intercept Packaging Enables
APCO COMPLIANCE TO MEET
'THE 2025 TARGETS'**

100%

of packaging to be
reusable, recyclable

70%

of plastic packaging
to be recycled

50%

recycled
content

2

Returnable Reusable Recyclable Closing The Loop



*Advanced recycling such as
hydrothermal liquefaction or pyrolysis
plastic to oil technologies enable a
circular economy.*

3

Technologically Innovative Solutions

Technologically advanced materials to deliver asset management and preservation services



UNIQUE

Product Capabilities

INNOVATIVE

Product Line Complies to 'The 2025 Targets'

Complies with APCO recommendations

EFFICACY

Proven Technology Based Systems

SUSTAINABLE SOLUTIONS

Alternative materials to meet APCO regulations



PILLARS

4

Efficient Practice

Example of Processes
Re-Manufacturing for Parts

Increased productivity
Inspectable
Improved OH&S
Reduction of CO2 emissions

CURRENT (VCI)	INTERCEPT (RCP)
Disassembled	Disassembled
Washed	Washed
Oiled	Inspected
Inspected	Re-manufactured
Re-manufactured	QA Inspected
Oiled	Intercept Packaged
QA Inspected	Shipped to Site
Packaged	QA Inspected
Shipped to Site	Unpacked
Opened QA Inspected	Assembled
Packaging Replaced	10 Process Steps 2 Products
Unpacked	
Degreased	
Assembled	14 Process Steps 4 Products

Packaging replacement
required.

Reuse original
packaging.

5

Health is a Priority

**INTERCEPT IS
NON-HAZARDOUS AND
SOLVENT FREE**



safe work australia

**REDUCES
CARBON FOOTPRINT
AND GREENHOUSE GAS**

Example: by choosing Intercept, VW was awarded for a second time, the prestigious environmental award for reducing carbon emissions by 16 tons, saving 4,080 litres of oil and 24,871 litres of chemicals. They clinched their nation's top green award by switching to reusable, recyclable Intercept Technology™. By using a single premium Intercept bag they were able to achieve significant cost reductions. That's good for business and good for the planet.

We have your compliance covered...

- ✓ **Facilitating Compliance**
- ✓ **Returnable, Reusable,
Recyclable & Closing The Loop**
- ✓ **Technologically
Innovative Solutions**
- ✓ **Efficient Practice**
- ✓ **Health is a Priority**



**ANTI-CORROSION PACKAGING FOR
STORAGE | LOGISTICS | PRESERVATION**

Our packaging and preservation specialists are available through our global network to support your packaging needs. We can support our clients with global strategies to enable the preservation packaging for Production, Shipment, Delivery, Assembly and Storage with competitive, modern and innovative solutions.



... simply better protection!

www.interceptaustralia.com



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AUSTRALIA

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