



SPECIALIST PACKAGING SOLUTIONS
FOR THE TRANSPORT OF
DANGEROUS GOODS
BY AIR, SEA AND ROAD

airseadg.com

Air Sea Containers Limited offers a flexible range of dangerous goods packaging solutions and supporting expertise, to assist our customers in choosing the right packing solutions, ensuring compliance with international law, for safe and cost effective dispatch of dangerous goods worldwide.

Choosing the right UN approved dangerous goods packaging can be complex.

That's why we've developed the Air Sea website to help you easily select the right combinations of packaging for your needs. What's more, our Technical Sales team are equipped with the skills and expertise to help you choose the right solution every time.

We understand that you might often need small amounts of packaging. There is no minimum order quantities across our extensive range of over 700 packaging solutions.

NO
MINIMUM
ORDER

NEXT DAY
DELIVERY



Same day dispatch service on orders placed before 2pm
.....
Next working day dispatch on orders placed after 2pm
.....
...and our international customers benefit from access to our extensive packaging range through our network of international partners.

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ABOUT US

In 1946 Staniford and Gaskell founded Staniford Drums, supplying wooden barrels to the soap and detergent industry. The business prospered and went on to supply re-conditioned steel drums to the oil industry and were requested to design smaller packaging for samples being shipped from rigs to land. As a result Air Sea Containers Ltd was formed in 1981 to specifically deal with these kind of requests and went on to develop our extensive range of UN approved packaging.

Today, Air Sea Containers Ltd is a leading provider of high quality packaging solutions offering a premium worldwide service to almost every industry and sector, from food and drink manufacture to medical research.

INTERNATIONAL LAW ON THE TRANSPORT OF DANGEROUS GOODS.

The United Nations (UN) Subcommittee of Experts on the Transport of Dangerous Goods develops recommended procedures for the transport of all types of dangerous goods by air, sea and land.

- The International Civil Aviation Organisation (ICAO) has used the UN recommendations to develop regulations for the safe transport of dangerous goods by air.
- International Maritime Organisation for dangerous goods by sea.
- ADR/RID regulatory guides for transporting dangerous goods by road and rail. These regulations have been adopted by countries and their enforcement authorities worldwide.

DANGEROUS GOODS PACKAGING COMPLIANCE

When transporting dangerous goods
shippers must:

Identify, classify, pack, mark and label dangerous goods

Be reviewed and approved for consignment by qualified persons

Ensure packaging compliance is met before offering consignments

Use packaging that is tested, validated and certified for use

Adhere to packaging assembly instructions



To comply with international law,
dangerous goods must be:

Individually identified and classified

Packaged using UN Certified containers

Packed by trained and qualified people

Clearly marked and labelled

FLEXIBLE SOLUTIONS

We are proud to supply organisations across the globe with a wide offering of packaging solutions. Our customers range from multi-nationals to small businesses worldwide.

No challenge is too large or small for Air Sea Containers Limited:

- Free expert guidance and product support
- No minimum order, next day delivery
- Speedy custom made packaging development



Highly knowledgeable and have at every stage of our demands met us with constructive advice, guidance and service. The final product received is above expectations and has been expertly managed to ensure we are fully compliant with UN regulations but also hold an attractive product. Pleasure to work with and very meticulous.



LIMITED QUANTITIES

Sometimes, when shipping smaller quantities of dangerous goods, limited quantities solutions can be used without the need for UN approved packaging. We can provide labels, complete solutions and advice.

DO YOU THINK YOU ARE SHIPPING LIMITED QUANTITIES?

[Ask us for advice](#)

- Custom made packages made to exact requirements
- Complete tests and reports as required
- Kitting solutions
- Quick and efficient turnaround



CUSTOM MADE PACKAGES

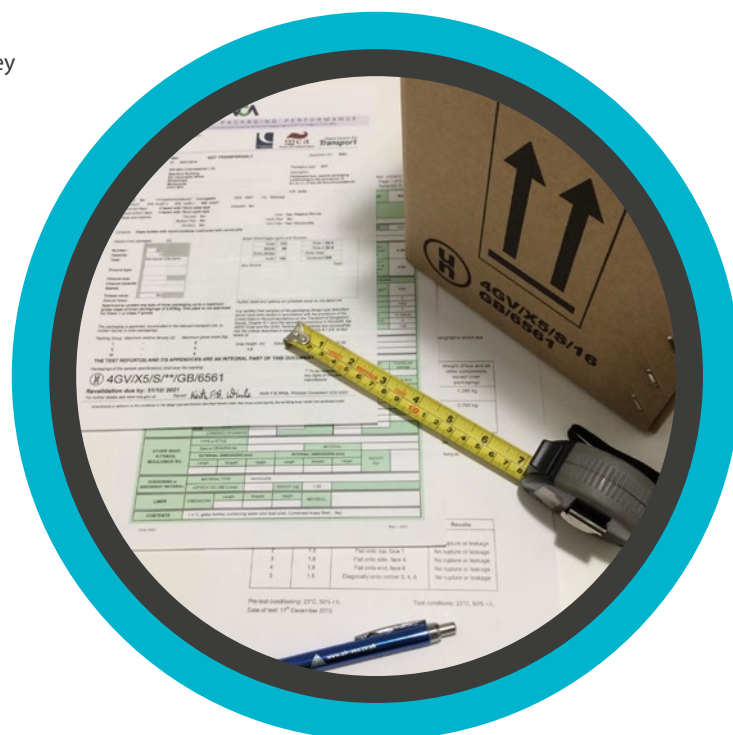
We offer custom made packaging development services, using a collaborative approach with our customers to design, test and produce packaging solutions to meet your unique requirements and delight your customers.

CUSTOM MADE PACKAGING SOLUTIONS:

- Reduce overall shipping costs
- Deliver made to measure packaging for your storage needs
- Tested and certified for approved use
- Include pre-printed labels saving you time and money
- Produced in 'ready to go' packaging kits
- In house and third party validation testing

PREVIOUS CUSTOM MADE DESIGNS INCLUDE:

- Specially designed UN approved packaging
- Limited quantity packaging
- Overpacks
- Lithium battery boxes
- Custom made packaging kits
- Temperature controlled solutions



UN Packaging Solutions are independently tested and approved.

OUR PRODUCTS

Our UN approved packaging solutions are no ordinary containers.

Every product has undergone a series of rigorous tests and must meet strict specifications before they are approved for use. What's more, tests are carried out on every improvement and enhancement to our products.

SOME OF THE UN DANGEROUS GOODS PACKAGING TESTS ARE LISTED BELOW:

- Drop Tests - Our packaging has to survive drop testing from anywhere between 1.2m and 9.0m
- Stack Tests - Packaging simulation testing is conducted to replicate transport conditions
- Puncture Tests - Specifically for infectious substances which undergo more rigorous testing
- Hydraulic Tests - Conducted on packaging designed to withstand pressure
- Rainfall Simulation Tests - When packaging becomes wet it should be capable of withstanding rainfall



01 OUTER PACKAGING
4G RANGE



02 OUTER PACKAGING
4GV RANGE



03 OUTER PACKAGING
4DV RANGE



04 INNER
PACKAGING



05 UN APPROVED
SINGLE PACKAGING



06 INFECTIOUS
SUBSTANCE PACKAGING



07 THERMAL CONTROL
PACKAGING



08 LITHIUM BATTERY
PACKAGING



09 PACKAGING
ESSENTIALS

01 OUTER PACKAGING 4G RANGE

Our range of 4G UN fibreboard boxes approved for use with a variety of inner packaging including glass, plastic, and tinplate.

PRODUCT OVERVIEW:

- Rigorously tested
- Variety of approved inner packaging
- Custom made design
- UN approval certificate available

PRODUCT SPECIFICATION:

- Highly durable, built to withstand a drop onto a variety of surfaces
- Multi wall construction for increased strength
- Water resistant
- Extra secure joins for additional stability

Code	External Dimensions	Internal Dimensions	UN Mark
474	105x105x220	70x70x175	4G/X2/S
1007	264x264x314	* 100x100x230	4G/X7/S
61	230x220x420	130x130x395	4G/X9/S
1	180x180x310	100x100x300	4G/X11/S
11	210x150x340	195x145x315	4G/X13/S
730	200x200x290	185x185x280	4G/X13/S
114	225x225x245	210x210x225	4G/X15/S
2	330x330x320	250x250x305	4G/X26/S
12	520x310x330	400x295x310	4G/X31/S
1005	176x176x190	* 65x65x148	4G/Y4/S
397	270x270x310	* 100x100x230	4G/Y11/S
370	390x390x280	* 140x140x216	4G/Y20/S
542	460x460x340	435x435x285	4G/Y29/S

* Per cell x4

Complete your package with
TAPE & LABELS



CODE 474



CODE 1007



CODE 61



CODE 1



CODE 11



CODE 730



CODE 114



CODE 2



CODE 12



CODE 1005



CODE 397



CODE 370



CODE 542

02 OUTER PACKAGING 4GV RANGE

Our 4GV fibreboard range offers a greater level of flexibility than the 4G range, allowing you to use a variety of inner containers and packaging up to a maximum gross weight of 65kg.

PRODUCT OVERVIEW:

- Flexible - available in a range of sizes
- ECO option for dust free environments*
- Highly durable, yet light and easy to assemble
- Available from stock, no minimum order

Code	External Dimensions	Internal Dimension	Max Product Weight (Kg)	Max Gross Package Weight (Kg)
838	210x210x365	200x200x350	2.5	5
839	285x285x305	275x275x290	4.6	7
840	435x285x570	425x275x555	14	21
841	435x435x570	425x425x555	21	31
842	616x616x650	600x600x625	42	65
843	616x437x437	600x420x420	30	40
* 1014	210x210x365	200x200x350	2.5	4
* 1015	285x285x305	275x275x290	5.6	7

PRODUCT SPECIFICATION:

- Highly durable, built to withstand a drop of 1.8m
- Multi wall construction for increased strength
- Water resistant
- Extra secure joins for additional stability
- Package includes inner liner bag



Complete your package with
**VERMICULITE OR
 BIODEGRADABLE CHIPS**
 Contact us for help with quantities

03 OUTER PACKAGING 4DV RANGE

The 4DV plywood box range combines flexibility with strength and durability, allowing the use of a variety of inner containers and packaging up to an impressive maximum gross weight of 280kg.

PRODUCT OVERVIEW:

- Flexible - available in 5 sizes
- Constructed quickly with a simple, robust locking tab system
- Strong and durable, yet light and easy to assemble from flat-pack
- Available from stock, no minimum order

PRODUCT SPECIFICATION:

- Highly durable, built to withstand a drop of 1.8 metres onto a variety of surfaces
- 3-ply construction for increased strength
- Made from well seasoned rotary cut, sliced/sawn veneer
- Defect free to maintain strength
- Water resistant
- Extra secure joins for additional stability
- Package includes inner liner bag
- Strapping may be required for larger boxes



Complete your package with
**VERMICULITE, TAB LOCKING
TOOL OR HAZARD LABELS**
Contact us for help with quantities

04 INNER PACKAGING

Our inner packaging solutions may be used where approved as part of a combination with our 4G outer packaging or in some cases as single packaging. Inner packaging is also compatible with the 4GV and 4DV outer packaging solutions.

With a choice of glass, plastic, aluminium or tinplate our range provides flexibility to suit your specific shipping requirements.

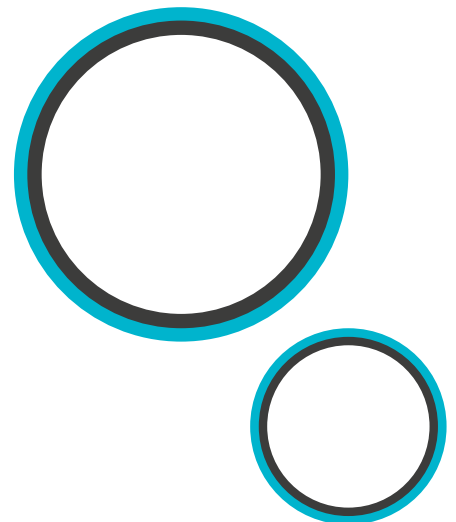
PRODUCT OVERVIEW:

- Majority approved for use with our 4G range
- Durable high quality construction
- Range of closure types
- Available from stock, no minimum order

LET US HELP YOU CHOOSE THE RIGHT COMBINATION

Our website matches the correct inner and outer packaging, helping you choose the right combination.

www.airseadg.com





ALUMINIUM

Capacity 60ml to 6.2 litres



GLASS

Capacity 10ml to 4.5 litres



PLASTIC

Capacity 50ml to 10 litres



TINPLATE

Capacity 200ml to 5 litres





“

Goods were received in perfect condition, and we were very happy with them as well as your kind and prompt handling of our order.

”

05 UN APPROVED SINGLE PACKAGING

FIBREBOARD DRUMS

Ideal for powders and solids, our UN approved 1G fibreboard drum range provide an extremely tough, reusable and stackable packaging solution.

PRODUCT OVERVIEW:

- Capacity range: 47 to 147 litres
- Durable, high quality construction
- Available from stock, no minimum order



PLASTIC DRUMS

Our UN approved 1H1, 1H2 and 3H1 plastic drums are both durable and reusable, providing an ideal value for money solution to your shipping needs.

PRODUCT OVERVIEW:

- Choice of openings and closure options
- Durable and rigid construction
- Stack or store inside or outdoors



05 UN APPROVED SINGLE PACKAGING

STEEL DRUMS

We have a wide range of UN approved steel drums to accommodate many different substances in high quality and robust packaging solutions.

PRODUCT OVERVIEW:

- Capacity range: 1 litre to 210 litres
- Plain, lacquered or stainless steel finishes
- Composite drums for aggressively corrosive liquids



STEEL JERRICANS

Our UN approved non removable head steel jerricans offer resilience and flexibility with optional combination packaging solutions.

PRODUCT OVERVIEW:

- Capacity range: 0.25 ml to 5 litres
- Ideal for small quantities and samples
- Available from stock, no minimum order



06 INFECTIOUS SUBSTANCES PACKAGING

We offer a range of packaging solutions for Class 6.2 Infectious Substance Category A (UN2900/UN2814) and Biological Substance, Category B (UN3373).

From 50ml to 4 litres, we offer combination packaging with or without thermal control, high performance secondary packaging and accessories. All of our products are available as kits with full assembly instructions, visit our website to see what items are included and options available.

PRODUCT OVERVIEW:

- Simple to assemble
- Refurbishment options
- Long life storage capabilities
- Thermal Control with UN Certification

PRODUCT SPECIFICATION:

- Capacity: 50ml to 4 litres
- For substances requiring packing instruction 620 or 650
- UN2900 and UN2814 approved packaging
- Water resistant
- Cold conditioning to -18 degrees
- Category A - Drop tested to 9 metres

Ask us about our

CUSTOM MADE PACKAGING SERVICE

Packaging and kits to your specification

CATEGORY A

Infectious Substances Packaging



CODE 111



CODE 332



CODE 500



CODE 333



CODE 570



CODE 424

CATEGORY B

Biological Substances Packaging



CODE 751



CODE 752



CODE 760



CODE 761



CODE 762

07 THERMAL CONTROL PACKAGING

Maintaining controlled temperatures throughout transportation can be complex and challenging. That's why Air Sea Containers has developed a range of packaging solutions to maintain controlled conditions for a wide range of external ambient climates.

PRODUCT OVERVIEW:

- Excellent temperature loss rate performance
- Wide range of dry ice shippers off the shelf
- Complete kits with full instructions

FLEXIBLE PACKAGING RANGE:

- Qualified shippers: ISO Shipper and Shipper XP
- Thermal control overpack units
- Specimen carriers

COMPLETE YOUR PACKAGING WITH:

- Cool packs
- Gel packs
- Labels

Need help with

THERMAL CONTROL SOLUTION?

Contact us and we can help you



QUALIFIED SHIPPERS

Temperature Controlled Packaging, suitable for shipping substances between 2° to 8°C for up to 72 hours, the ISO Shipper and ISO Shipper XP systems are independently validated to ISO 9001 quality standards.



THERMAL CONTROL UNITS

Polystyrene overpacks suitable for use with dry ice or cool packs. Dry ice loss rates qualified using external ambient of 30°C.



COOL PACKS & GEL PACKS

For refurbishment of qualified shipping systems or for use within customised solutions.

08 LITHIUM BATTERY PACKAGING

Transporting lithium batteries can be complex, that's why Air Sea Containers has designed a range to simplify the packaging process offering safer shipping solutions.

PRODUCT OVERVIEW:

- Ship up to 12kg with a range of box sizes
- UN Compliant Packaging
- Custom kit options, short lead times

COMPLETE YOUR PACKAGING:

- Anti-static bubble wrap
- Anti-static liner bags
- Hazard labels



Ask us about our
CUSTOM MADE SOLUTIONS

09 PACKAGING ESSENTIALS

We make shipping compliance simple with our comprehensive range of packaging accessories including regulatory guides, forms, packaging accessories and labels.



Need help selecting the correct
HAZARD LABELS?
Contact us for expert advice

INTERNATIONAL SALES TEAM

With offices across the globe, you're never too far away from our expertise and advice.





EUROPE:

United Kingdom: Headquarters
0044 151 653 1500, uk@airseadg.com

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0033 490 16 91 19, isovation@isovation.com

Ireland: Personal Freight
00353 1 833 2281, info@personalfreight.net

Italy: Air Sea Italia S.R.L.
0039 0524 528418, info@airsea.it

Norway: Vestfold Ships & Industriservice AS
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Portugal: DG Representacoes
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00 662 681 2970 / 2061, somboonlyon@gmail.com



MIDDLE EAST:

Saudi Arabia: Environment's Care Est
00966 3 867 2763, envirocare@yahoo.com

For more details visit
www.airseadg.com/contact
Contact us for expert advice

“

It is always great to work with the team – one of the most experienced and professional groups that I've had the pleasure to work with.

”

Visit our website to see our full range of over 700 products. If you can't find what you're looking for or need any help and assistance, just ask.

uk@airseadg.com

+44 (0)151 653 1500

airseadg.com



AIRSEA

STANIFORD BUILDING

“

I can honestly say that the customer service I have received from the team has been excellent. They are friendly, polite and professional and provide a first class level of service.

”



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