

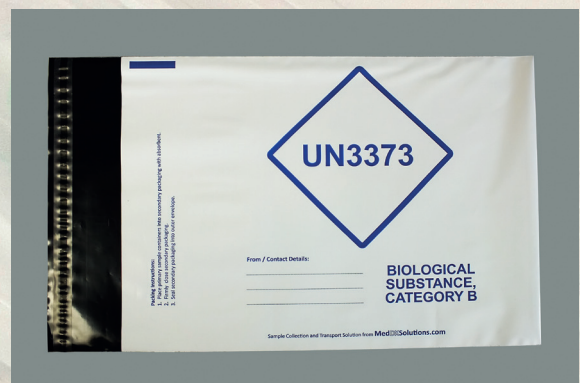
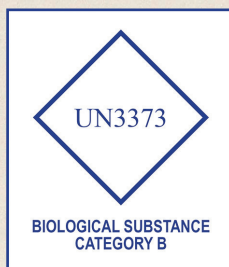
SpeciSafe®

Safe, Convenient and Economical Sample Transport Solution

When used with 95kPa tested tubes, SpeciSafe packs are compliant with UN3373 regulations.

A wide range of designs to fit commonly used specimen tubes including blood and urine tubes.

See pages 95-97 for more information.



Sample Collection & UN3373 Packaging

Biological specimens fall under the Dangerous Goods Regulations since they may contain pathogens. Their transport is strictly controlled and it is a legal and mandatory requirement to comply with the regulations.

Samples such as blood, tissue, excreta, secreta etc. from humans or animals (which are not assigned to Category A, Infectious Substances), are considered to be Category B Biological Substances. These are assigned to UN3373 and must be packaged according to the Dangerous Goods IATA (air) or ADR (road) Packing Instruction 650 for transport.

Alpha Laboratories helps make compliance convenient, consistent and cost-effective with unique packaging solutions. If you are unsure about what you need for compliance please refer to our easy to follow guide on page 83.

Further support and resources can also be found at www.UN3373.co.uk

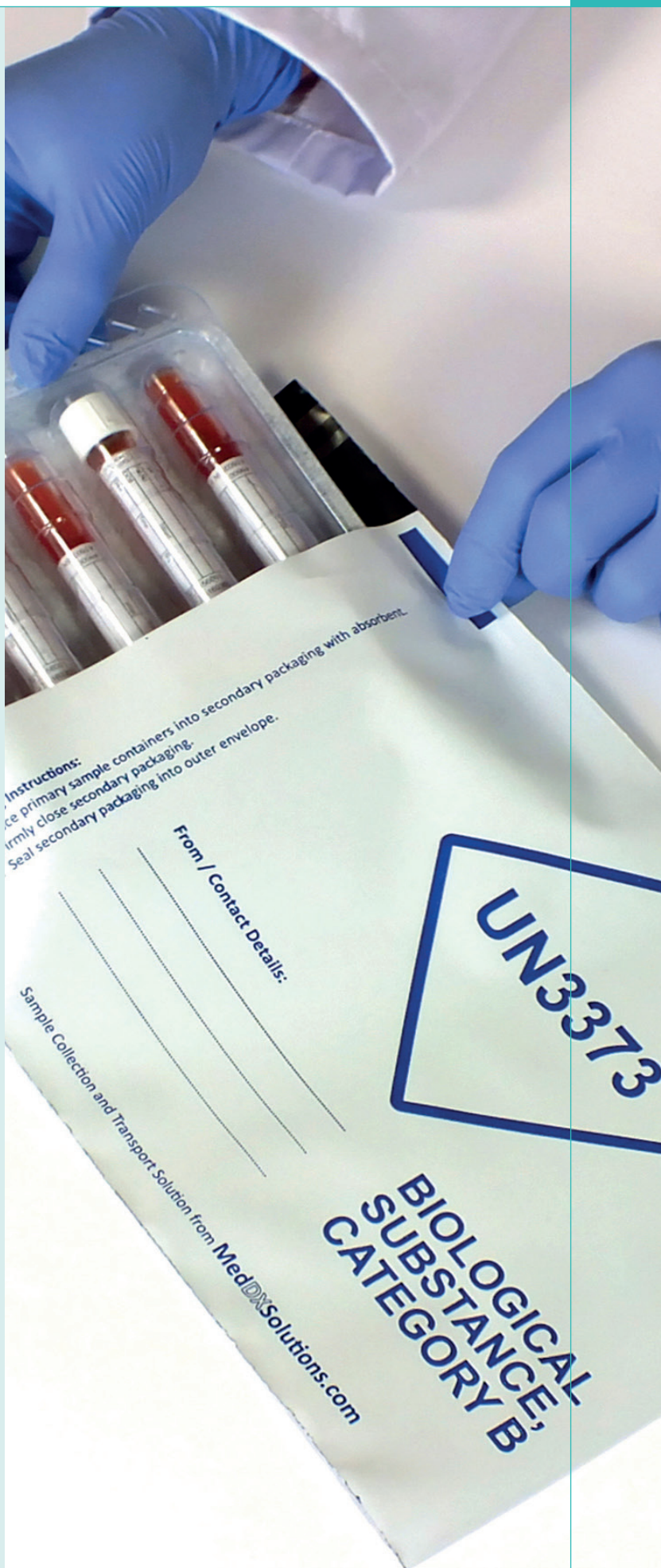
What's New?

- PeeCanter
- Complete Kits for Sample Transport
- Full range of UN3373 Compliant Packaging Materials

Contents

Page/s

Understanding the Regulations	80-83
Sample Collection Solutions	84
Primary Containers for Sample Transport	87
- for Air Transport	87-89
- for Road Transport	90-91
- Leak-Proof Tested	92-93
Slide Mailers	93
Secondary Packaging Solutions for Air or Road Transport	94
- for Air Transport	98
- for Road Transport	99
SpeciSafe® Complete Mailing Packs	95-97
Outer Packaging Solutions for Air or Road Transport	100
Mailing Bags & Envelopes for Road Transport	101
Complete Kits for Sample Transport	102-104



Understanding the Regulations

Visit our dedicated website www.un3373.co.uk to access videos, brochures and guidelines.

Key Requirements of UN3373 Regulations

Here you will find a brief overview of the classification of infectious substances, and the key requirements for transporting UN3373 Biological Substance, Category B.

Transport of any material which is considered hazardous in any way, can only be conducted in a manner which is compliant with the Dangerous Goods Regulations. This includes any materials derived from human or animal sources which has the potential to contain pathogenic organisms.

There are 2 main classes of infectious material:

Category A

"An infectious sample which is transported, in a form that when exposure to it occurs, is capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals.

Infectious substances meeting these criteria which cause disease in humans or both in humans and animals must be assigned to UN2814. Infectious substances which cause disease only in animals must be assigned to UN2900."

Category A Infectious Substances are considered to be high consequence dangerous goods. Transport of these substances must only be carried out by fully trained and certified handlers. Please refer to the IATA or ICAO websites for further information.

Category B

An infectious substance which does not meet the criteria for inclusion in category A. Infectious substances in Category B must be assigned to UN3373 – Biological Substance, Category B.



P650 Packaging Instruction Key Requirements for Road Transport (ADR)

Infectious substances assigned to Category B (UN3373) can be transported by specialised couriers or the Royal Mail, provided they comply with packaging instruction P650 as specified within the dangerous goods manuals. Always check with your transport provider before shipping.

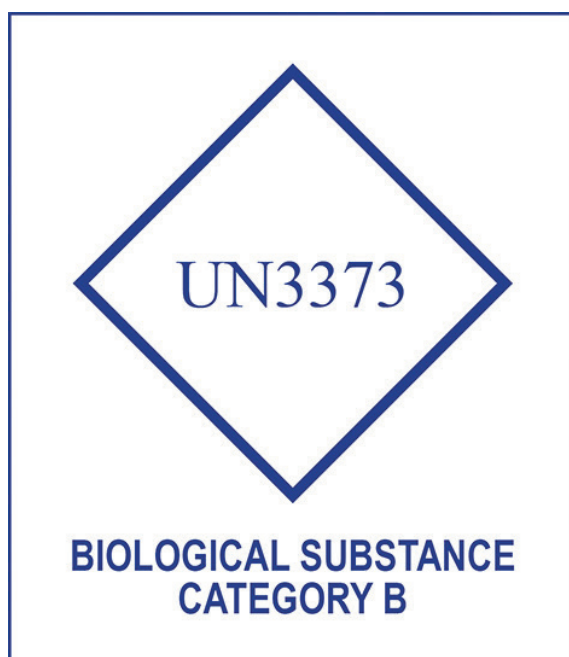
The packaging must be of good quality and strong enough to withstand the shocks and loadings normally encountered during transport. It must prevent any loss of contents that could occur due to vibration or changes in temperature, humidity or pressure. The P650 packaging instructions for liquid substances state:-

- a) The primary receptacle(s) shall be leak proof; (see point e)
- b) The secondary packaging shall be leak proof; (see point e)
- c) If multiple fragile primary receptacles are placed in a single secondary packaging, they shall be either individually wrapped or separated to prevent contact between them;
- d) Absorbent material shall be placed between the primary receptacle(s) and the secondary packaging. The absorbent material shall be in quantity sufficient to absorb the entire contents of the primary receptacle(s) so that any release of the liquid substance will not compromise the integrity of the cushioning material or of the outer packaging;
- e) The primary receptacle or the secondary packaging shall be capable of withstanding, without leakage, an internal pressure of 95 kPa (0.95 bar).
- f) The outer packaging or the secondary packaging shall be rigid and the entire packaging solution will have passed the 1.2m drop test.
- g) Suitable cushioning material shall be added to prevent too much movement within the package.
- h) The packaging should be clearly marked with the UN3373 diamond adjacent to the words "BIOLOGICAL SUBSTANCE, CATEGORY B"

P650 Packaging Instruction Key Requirements for Air Transport (IATA)

The key differences compared to transport via road are **highlighted** for clarity

- a) The primary receptacle(s) shall be leak proof; (see point e)
- b) The secondary packaging shall be leak proof; (see point e)
- c) If multiple fragile primary receptacles are placed in a single secondary packaging, they shall be either individually wrapped or separated to prevent contact between them;
- d) Absorbent material shall be placed between the primary receptacles(s) and the secondary packaging. The absorbent material shall be in quantity sufficient to absorb the entire contents of the primary receptacle(s) so that any release of the liquid substance will not compromise the integrity of the cushioning material or of the outer packaging;
- e) The primary receptacle or the secondary packaging shall be capable of withstanding, without leakage, an internal pressure of 95 kPa (0.95 bar) **in the range of -40C and +55C**
- f) The outer packaging shall be **rigid** and the entire packaging solution will have passed the 1.2m drop test
- g) Suitable cushioning material shall be added to prevent too much movement within the package
- h) The packaging should be clearly marked with the UN3373 diamond adjacent to the words "BIOLOGICAL SUBSTANCE, CATEGORY B"
- i) The outer packaging must have one surface of minimum dimensions 10 x 10cm**
- j) Maximum volume per primary is 1L**
- k) Maximum volume per outer is 4L**
- l) The outer packaging must contain an itemised list of contents**



Official UN3373 Regulation Resources

Alpha Laboratories advises all users to consult the official bodies responsible for safe transport of hazardous material. Visit our dedicated website www.un3373.co.uk to access these links on line.

IATA

The absolute rules for shipping Dangerous Goods by Air.
www.iata.org/whatwedo/cargo/dgr/Documents/infectious-substance-classification-DGR56-en.pdf
www.iata.org/whatwedo/cargo/dgr/Documents/packing-instruction-650-DGR56-en.pdf



International Civil Aviation Organisation (ICAO)

Technical Instructions for the Safe Transport of Dangerous Goods by Air
www.icao.int/publications/Documents/guidance_doc_infectious_substances.pdf



Department for Transport, HSE, Maritime and Coastguard Agency and Civil Aviation Authority

Transport of infectious substances UN2814, UN2900 and UN3373
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/527069/dangerous-goods-guidance-note-17.pdf



Department
for Transport

World Health Organisation

Transport of Infectious Substances
www.who.int/ihr/publications/who_hse_ihr_20100801_en.pdf?ua=1



You can also refer to your courier's website for advice.

UN3373 Packaging Guide for Air and Road Transport

Are You Transporting Biological Samples by Air or Road?

Follow these Guidelines to Ensure Your Compliance and Find the Products You Need

Air	
↓	
Is Your Primary Container Certified 95kPa at both -40C and +55C? ^{1,2}	
Yes	No
↓	↓
You need Leak-Proof Secondary Packaging with Absorbent ³ using either...	You need a Secondary Pouch Certified 95kPa at both -40C and +55C with Absorbent ³ (see page 99)
An all-in-one SpeciSafe [®] Pack (see page 95)	A Bag (see page 98) + Absorbent ³ (see page 97)
↓	↓
↓	↓
Rigid Outer Packaging Required ⁴ (see page 100)	

Road	
↓	
Is Your Primary Container Certified 95kPa at Ambient Temperature?	
Yes	No
↓	↓
You need Leak-Proof Secondary Packaging with Absorbent ³ using either...	You need a Secondary Pouch Certified 95kPa at Ambient Temperature with Absorbent ³ (see page 99)
An all-in-one SpeciSafe [®] Pack (see page 95)	A Bag (see page 98) + Absorbent ³ (see page 97)
↓	↓
↓	↓
Flexible Outer (see page 101)	Rigid Outer Packaging Required ⁴ (see page 100)

Note 1. The 95kPa pressure differential test is required for either the primary or secondary container. If the primary container does not have this certification, or you are unsure, you should use a 95kPa certified secondary container.

Note 2. The required pressure differential test is different for air and road transport. For road transport the test is conducted at ambient temperature. For Air transport it must also be conducted at both -40C and +55C.

Note 3. Absorbent material must be capable of absorbing the entire contents of the primary containers.

Note 4. For air transport, you must use a rigid outer box.

Note 5. For road transport the rigid element of the packaging can be either the secondary or the outer packaging.

Important - Always check with your transport provider to ensure they do not have any additional special conditions for transport of Biological Substances.



Primary Containers for Sample Transport

Once collected, samples need to be stored and transported securely without the risk of contamination or leakage.

The key requirement for primary containers to transport samples is that they are leak-proof. Here we offer a range of primary containers which are tested and certified to be leak-proof.

However to meet the UN3373 P650 packaging instruction, either the primary or secondary container must have been tested specifically to withstand a 95kPa pressure differential test. For road transport this test should be conducted at ambient temperature, but for air transport, the test must also be conducted at -40C and +55C.

This means a leak-proof container, which has not been demonstrated to pass the 95ka pressure differential test, can only be used for sample transport when combined with a secondary container which has passed the appropriate test.

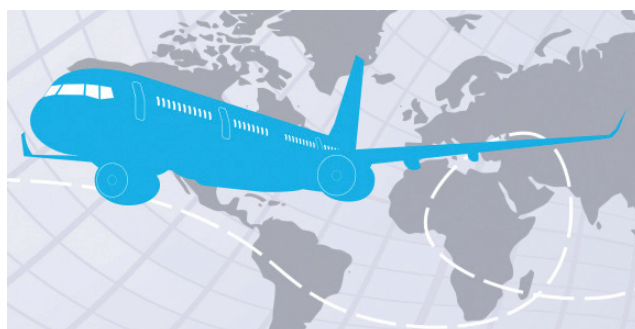
We have categorised the sample containers according to their certification, however tubes certified to the IATA standard may also be used for other forms of transport.

Please refer to the UN3373 Packaging Guide for Air & Road Transport on page 83 for further guidance.

Primary Sample Containers Certified 95kPa Compliant for Air Transport

To be used with a leak proof secondary, absorbent and outer rigid box.

- Transport Tubes
- ProtectR®
- Blood Collection Tubes



Transport Tubes



These transport tubes are ideal for sample collection and transport. Manufactured from virgin polypropylene, they are free-standing with an internal conical base, printed graduations and a frosted writing area. The green screw cap is supplied with the tube and is manufactured from polyethylene.

They are IATA 95kPa compliant for the storage and transport of a wide range of solid or liquid specimens.

These sample containers are suitable for sample transport according to UN3373 P650 packaging instruction when combined with appropriate secondary and tertiary packaging such as Alpha Laboratories Specisafe range.

The tubes are lot certified free of DNA, DNase, RNase, ATP and endotoxins. They are autoclavable at 121C and can be used for freezing samples.



Transport Tubes		
Catalogue Number	Description	Pack Size
TT1050	5ml Transport Tube, Screw Cap	2 x 500
TT1050S	5ml Transport Tube, Screw Cap, Sterile	10 x 50
TT1100	10ml Transport Tube, Screw Cap	2 x 500
TT1100S	10ml Transport Tube, Screw Cap, Sterile	10 x 50

IATA 95kPa Centrifuge Tubes

ProtectR® Tube is the only container closure system engineered to be CO₂ resistant and prevent costly damage to molecular and cellular solutions when shipping or storing samples on dry ice.



Prevent Acidification of Your Samples

Made of durable, high quality materials and fitted with an air-tight cap, ProtectR Tubes form a protective barrier, impermeable to CO₂, keeping the sample pH stable and preventing acidification.

IATA 95kPa Certified for Air Shipment

ProtectR tubes are IATA 95kPa certified for packaging and air transport of biological samples and meet the UN1845 requirements for shipment on dry ice.

The 95kPa certification requires containers to withstand, without leakage, an internal pressure producing a pressure differential of not less than 95kPa between the temperatures of -40C to +55C.

Since air transportation is typically the most rigorous transport condition, containers that meet IATA regulations are also suitable for other transport methods.

Specifications

- Volume: Both 15ml and 50ml Tubes available
- Temperature Range: -80C to 110C
- Centrifuge: to 12,500g
- Sterility: Both Sterile and Non-Sterile formats available
- Autoclave: 122C at 15PSI
- Regulatory: CE IVD marked and CFR 21 USFDA Compliant
- Lot Certification: ATP, RNase, DNase, DNA, Endotoxin, Pyrogen free. Also low in trace metals
- Transportation: IATA 95kPa certified
- IntegraPack: 10 packs of 10 tubes (supplied in 2 sleeves of 5 packs)



ProtectR® 15ml and 50ml Centrifuge Tubes

Catalogue Number	Description	Centrifuge Rating/RCF (g)	Pack Size
CT5015	15ml ProtectR Centrifuge Tube, Non Sterile	12,500	2 x 5 x 10
CT5015S	15ml ProtectR Centrifuge Tube, Sterile	12,500	2 x 5 x 10
CT5050	50ml ProtectR Centrifuge Tube, Non Sterile	12,500	2 x 5 x 10
CT5050S	50ml ProtectR Centrifuge Tube, Sterile	12,500	2 x 5 x 10

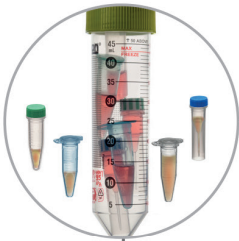
ProtectR® Tubes Special Features



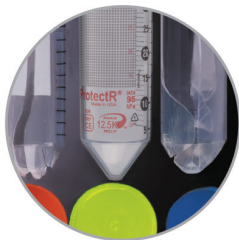
Airtight, leak-resistant caps prohibit CO₂ from entering the tube's headspace



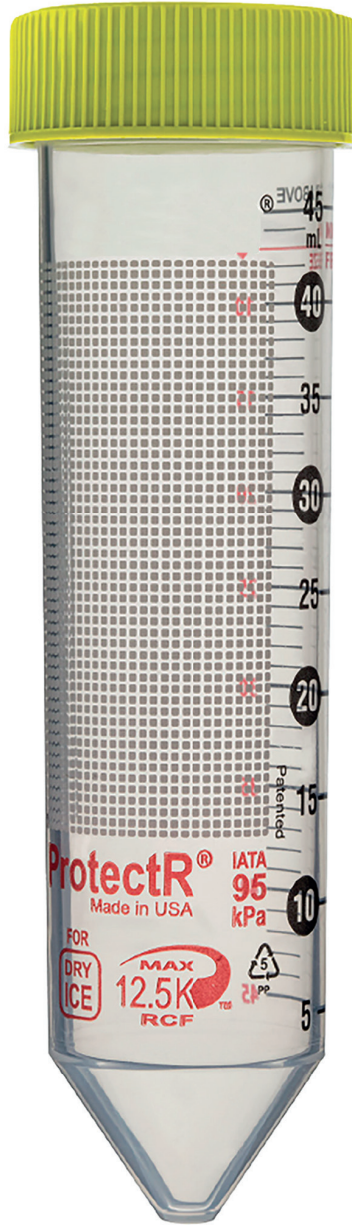
Patented, extra large, smudge-resistant writing panel



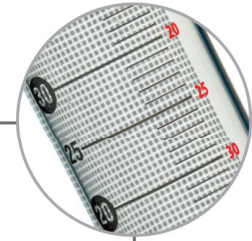
Ideal vessel for primary & secondary containment when shipping on dry ice
(if used in accordance with UN3373 regulations and packaging instruction P650)



Thick, medical grade resin withstands breakage when frozen. Samples in ProtectR® Tubes should be frozen prior to dry ice exposure



Max Freeze Indicator



Easy-to-read graduations & reverse scale



IATA 95 kPa certification for shipping



ProtectR® Tube Quality & Compliance



Primary Sample Containers Certified 95kPa Compliant for Road Transport

To be used with a leak-proof secondary, absorbent and either flexible or rigid outer packaging (please refer to the UN3373 Packaging Guide for Air & Road Transport on page 83).

- 30ml polypropylene Universal Containers
- 30ml polystyrene Universal Containers
- EveryDay Containers



ADR 95kPa Certified - 30ml Universal Containers

Universal containers are aseptically manufactured from clear virgin polypropylene or polystyrene. All have a conical base and are self-standing. For stool collection there are options with a sampling scoop/spoon attached to the cap, or for urine collection there is an option with Boric Acid. Made to the highest standards and demanding specifications for the most critical applications. Manufactured under clean room conditions. All materials are non-cytotoxic.



Universal Containers - Polypropylene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
CW3840	30ml Universal	PP/PP	Printed	Aseptic	400	No
CW3850	30ml Universal with Boric Acid	PP/PP	Printed	Aseptic	400	No
CW3830	30ml Universal with Spoon	PP/PP	Printed	Aseptic	400	No
IR1385	30ml Universal	PP/PP	No	400	50	

Universal Containers - Polystyrene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
IR1390	30ml Universal	PS/PP	Printed	Aseptic	400	50
CW3820	30ml Universal with Boric Acid	PS/PP	Printed	Aseptic	400	No



CW3840



CW3850



CW3830



IR1385



IR1390



CW3820

EveryDay Containers

95kPa tested 20ml and 60ml sample containers for the safe and efficient collection, storage and transport of a wide range of samples. The range includes a variety of HDPE colour caps and clear polypropylene jars available to order separately.

- Easy sample identification with a range of colourful caps
- 95kPa leak-proof tested, making them suitable for road transport
- Made from durable materials with high chemical resistance
- Easy-Grip cap design for easier closing and opening of containers
- Suitable for everyday use in any laboratory



EveryDay Containers

Catalogue Number	Description	Pack Size
SC5520SJ	Specimen Container Jar 20ml Clear	500
SC5520CO	Specimen Container Cap 20ml Orange	500
SC5520CP	Specimen Container Cap 20ml Purple	500
SC5520CY	Specimen Container Cap 20ml Yellow	500
SC5520CR	Specimen Container Cap 20ml Red	500
SC5520CW	Specimen Container Cap 20ml White	500
SC5560SJ	Specimen Container Jar 60ml Clear	500
SC5560CO	Specimen Container Cap 60ml Orange	500
SC5560CP	Specimen Container Cap 60ml Purple	500
SC5560CY	Specimen Container Cap 60ml Yellow	500
SC5560CR	Specimen Container Cap 60ml Red	500
SC5560CW	Specimen Container Cap 60ml White	500



Primary Sample Containers - Leak-Proof Tested

Leak-proof tested in accordance with BS EN 14254 Annexe D except CW3880 and CW3890 which are tested to BS5213:1975 (1989) Appendix A.

Note: Require an appropriately certified secondary container dependant on mode of transport, plus absorbent and outer packaging (please refer to the UN3373 Packaging Guide for Air & Road Transport on page 83).

- Bijou Containers
- 30ml polypropylene Universal Containers
- 60ml polystyrene Universal Containers
- Aseptic Containers

Bijou Containers

Bijou containers offer a wide variety of uses across research, pharmaceutical and clinical laboratories.

For preservation of urine samples a bijou containing Boric Acid is available.

- Ideal for small volume samples
- Manufactured under clean room conditions
- Manufactured from virgin non-cytotoxic polystyrene
- CE marked in accordance with the European directive 98/79/EC
- For *in vitro* use only
- Leak-proof tested in accordance with BS EN 14254 Annex D



Bijou Containers

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Packs
RC2122	7ml Bijou Screw Cap Container	PS/PE	Plain	Aseptic	700	No
RC2124	7ml Bijou Screw Cap Container w/ Boric Acid	PS/PE	Plain	Aseptic	700	No
RC2120	7ml Bijou Screw Cap Container	PS/PP	No	Aseptic	700	No

*PS = Polystyrene, PP = Polypropylene, PE = Polyethylene

30ml Universal Containers

Universal containers are aseptically manufactured from clear virgin polystyrene. All have a conical base and are self-standing.

For stool collection there are options with a sampling scoop/spoon attached to the cap.

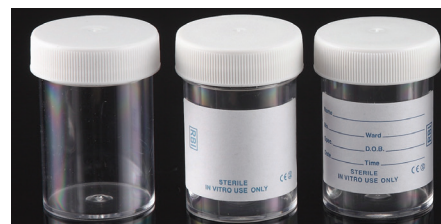
Made to the highest standards and demanding specifications for the most critical applications. Manufactured under clean room conditions. All materials are non-cytotoxic.

Universal Containers - Polystyrene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
CW3880	30ml Universal	PS/PP	No	Aseptic	400	No
CW3890	30ml Universal	PS/PP	Plain	Aseptic	400	No
CW3810	30ml Universal with Spoon	PS/PP	Printed	Aseptic	400	No
RC2145	30ml Universal with Spoon	PS/PP	No	Aseptic	400	No

60ml Containers

- Manufactured from virgin non-cytotoxic polystyrene
- CE marked in accordance with the European Directive 98/79/EC
- For *in vitro* use only
- Unique leak-tight cap ensures exceptional leak-proof seal
- Leak-proof tested in accordance with BS EN 14254 Annex D



60ml Containers		
Catalogue Number	Description	Pack Size
IR1382	60ml Container PS/PE No Label Plastic Cap	300
IR1381	60ml Container PS/PE Printed Label Plastic Cap	300
IR1380	60ml Container Plain Label Plastic Cap	300

Aseptic Container PS/Metal Cap

- Ideal for sample containment
- CE marked in accordance with the European Directive 98/79/EC
- For *in vitro* use only
- Aseptically manufactured under cleanroom conditions (class 7 ISO 14644) to exclude microbiological contamination
- Manufactured from virgin polystyrene
- All materials are non-cytotoxic



Aseptic Container PS/Metal Cap		
Catalogue Number	Description	Pack Size
IR1400	150ml Container No Label, Metal Flow Seal Cap	120
IR1405	150ml Container Plain Label, Metal Flow Seal Cap	120
IR1410	250ml Container No Label, Metal Flow Seal Cap	50
IR1415	250ml Container Plain Label, Metal Flow Seal Cap	50
IR1420	250ml Container Printed Label, Metal Flow Seal Cap	50

Other Primary Sample Containers

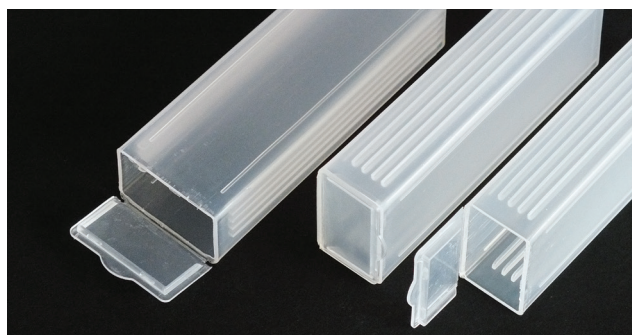
Slide Mailers

These polypropylene slide mailers offer a convenient solution for long-term storage or mailing of up to 5 slides.

These end opening mailers have an integral snap seal to keep out dust and moisture and protect slides from breakage. Internal ridges keep slides separated.

The mailers can also be used for storage of slides and can be used in staining procedures as an inexpensive substitute for a staining chamber or coplin jar.

Supplied non-sterile.



Slide Mailers		
Catalogue number	Description	Pack Size
SM0505	Polypropylene Mailing Container for 5 76x26mm Microscope Slides	100

Secondary Packaging Solutions for Air or Road Transport

Alpha Laboratories provides a range of sample packaging materials that help make your regulatory compliance convenient, consistent and cost-effective, including the innovative SpeciSafe® all in one secondary packaging system. SpeciSafe packs are available in a range of designs to fit perfectly around commonly used 95 kPa sample vessels.

Using SpeciSafe® for Air Transport

SpeciSafe packs must be used with primary containers which are certified to have passed a 95kPa pressure differential test to IATA standards. The primary container must maintain a 95kPa pressure differential at both -40C and +55C.

For air transport, the outer packaging must be rigid so SpeciSafe should be teamed with an outer rigid box.



Using SpeciSafe® for Road Transport

SpeciSafe packs must be used with primary containers which are certified to have passed a 95kPa pressure differential test at ambient temperature. Since they are rigid, the SpeciSafe packs can be placed directly in a flexible envelope or bag, ready for transport. What's more, the dimensions of most SpeciSafe packs minimises postage costs. Depending on the sample vial size they can be mailed at large letter or small packet rate.



SpeciSafe® Complete Secondary Mailing Packs for 95kPa Vials

SpeciSafe® Provides a Safe, Convenient and Economical UN3373 Compliant Secondary Sample Packaging Solution

SpeciSafe replaces secondary packaging for mailing Category B samples contained in 95kPa vials. It combines the absorbent material, vial separation and rigid container within a single pre-moulded mailing pack

You then only need to add a UN3373 labelled padded envelope or bag as your outer packaging when transporting by road, or a rigid box for air transport, saving you time and money.

SpeciSafe packs are available in a range of designs to fit perfectly around commonly used 95 kPa sample vessels.

Benefits of SpeciSafe Packs

- Shock resistant primary container protection
- Built-in ultra-absorbent Gel Block – absolutely no leaks!
- Clear plastic enables sample details to be visible without unpacking
- Visible spillage indication prior to opening protects users
- User friendly, quick and intuitive use
- The pre-moulded packs keep multiple primary containers separated from each other
- Compliant flat-pack design minimises postage costs

Ultra-Absorbent Lining Eliminates Leakage

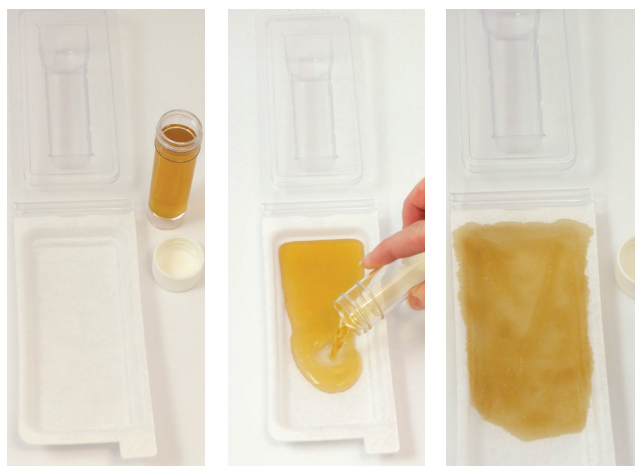
The unique feature of SpeciSafe packaging products is an internally bonded ultra-absorbent lining which soaks up any leakage in seconds.

The material is so absorbent that 1m² can soak up as much as 20 litres of liquid.

Once the lining has absorbed its maximum amount of liquid, it becomes a watertight barrier and effectively seals the SpeciSafe pack preventing any leakage from the secondary container.



When used with 95kPa primary containers, SpeciSafe meets all requirements of UN3373 for secondary packaging.



SpeciSafe® for Micro Blood Tubes or Serum Vials

SpeciSafe secondary mailing packs suitable for transporting micro blood tubes, serum type tubes or 0.5, 1.5 or 2.0ml microtubes. Package just a single tube or up to 10 with speed and ease.



SH0100SS

SpeciSafe® for Micro Blood Tubes or Serum Vials		
Catalogue Number	Description	Pack Size
SH0100SS	SpeciSafe Packs to hold 10 Serum Vials	170
SH0110SS	SpeciSafe Packs to hold 10 Serum Vials	50
SH0301SS	SpeciSafe Packs to hold 6 Serum Vials / Micro Blood Tubes	300
SH0311SS	SpeciSafe Packs to hold 6 Serum Vials/ Micro Blood Tubes	100
SH1300SS	SpeciSafe Packs to hold 3 Serum Vials	500
SH1700SS	SpeciSafe Packs for 1 Serum Vial / Micro Blood Tube	450
SH1800SS	SpeciSafe Packs for 2 Serum Vials / Micro Blood Tubes	500
SH0800SS	SpeciSafe Packs for 4 Glass Serum Vials	210



SH0301SS

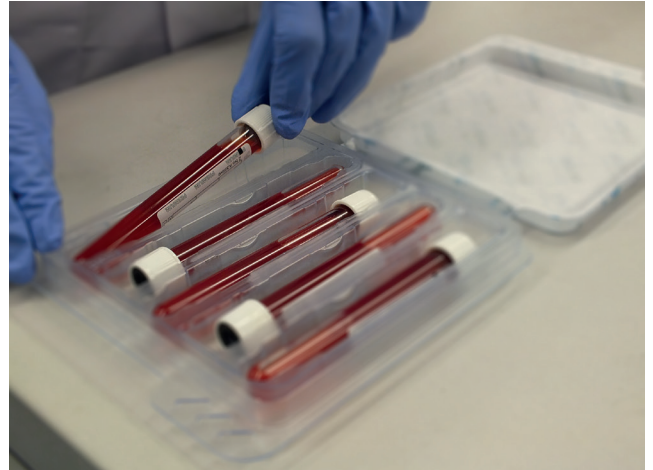
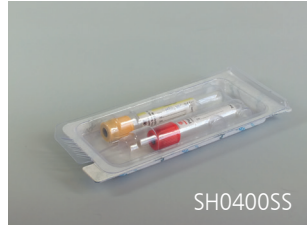


SH1300SS

Sample Collection & UN3373 Packaging

SpeciSafe[®] for Blood Collection Tubes

Ensure safe and compliant transport of various types of evacuating blood collection tubes with this range of SpeciSafe secondary mailing packs. These packs also accommodate microtubes, serum vials and cryovials.



SpeciSafe [®] for Blood Collection Tubes			
Catalogue Number	Description	Alternative Use	Pack Size
SH0200SS	SpeciSafe Packs to hold 3 Blood Type Tubes up to 6.5ml*	6x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials or 6x cryovials (<2ml) or 3x cryovials (2-5ml)	210
SH0210SS	SpeciSafe Packs to hold 3 Blood Type Tubes up to 6.5ml*	6x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials or 6x cryovials (<2ml) or 3x cryovials (2-5ml)	50
SH0400SS	SpeciSafe Packs to hold 2 Blood Type Tubes up to 10.5ml*	2 smaller blood tubes PLUS a 0.5, 1.5 or 2.0ml screw cap microtube/serum vial or cryovial	300
SH0410SS	SpeciSafe Packs to hold 2 Blood Type Tubes up to 10.5ml*	2 smaller blood tubes PLUS a 0.5, 1.5 or 2.0ml screw cap microtube/serum vial or cryovial	100
SH0500SS	SpeciSafe Packs to hold a Single Blood Type Tube up to 10.5ml*	1x cryovial (< 5ml) or 1x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials	500
SH0510SS	SpeciSafe Packs to hold a Single Blood Type Tube up to 10.5ml*	1x cryovial (< 5ml) or 1x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials	100
SH0701SS	SpeciSafe Packs to hold 5 Blood Type Tubes up to 10.5ml (Universal Fit)	5x Transport Tubes (5 or 10ml)	150

*Please request a sample to check the fit of the blood tubes that you use

SpeciSafe[®] for Universal Containers

These SpeciSafe secondary mailing packs are designed to fit standard 30ml Universal tubes commonly used as urine or faeces sample containers. There is a single or triple tube option available.



SpeciSafe [®] for Universal Containers		
Catalogue Number	Description	Pack Size
SH0600SS	SpeciSafe Packs to hold a Single Universal Container	300
SH0610SS	SpeciSafe Packs to hold a Single Universal Container	100
SH1400SS	SpeciSafe Packs to hold 3 Universal Containers	160



SpeciSafe[®] for Short Swab Tubes or Bijou Containers

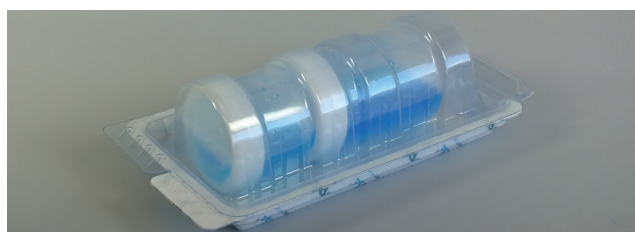
This SpeciSafe pack is suitable for transporting a single compact swab container and similar tubes – popular for sexual health screening and evidence kits. Also compatible with 7ml Bijou type containers and will accommodate two of these.



SpeciSafe [®] for Short Swab Tubes or Bijou Containers		
Catalogue Number	Description	Pack Size
SH0900SS	SpeciSafe Packs to hold 1 Swab Tube or 2 x Bijous	300

SpeciSafe[®] for Large Volume Sample Containers

Large volume sample containers used to collect and transport urine, faeces or tissue specimens can be accommodated in the SH1500SS SpeciSafe. It can hold 3 x 40ml, 2 x 60ml or 1 x 90ml containers, or any two different volumes in combination.



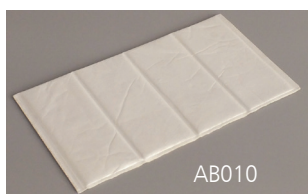
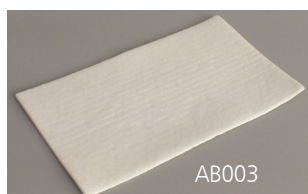
SpeciSafe [®] for Large Volume Sample Containers		
Catalogue Number	Description	Pack Size
SH1500SS	SpeciSafe Packs to hold up to 3 Large Volume Sample Containers	170



Absorbent Sheets

These super absorbent sheets can be used with all types of packaging to help meet UN3373 regulations. Available in 4 sizes specified by the volume that they can absorb, simply choose the one that will absorb at least the total volume of your sample. More than one sheet can be added to any packaging if required, to ensure that it would absorb all the sample in the event of catastrophic leakage.

A 4 bay absorbent pouch is also available, suitable for sending up to 4 blood type or similar tubes. This keeps the tubes separated from each other, without the need to wrap each one individually.



Absorbent Sheets		
Catalogue Number	Description	Pack Size
AB001	Absorbent Sheet 75 x 125mm - absorbs 50ml	1000
AB001-100	Absorbent Sheet 75 x 125mm - absorbs 50ml	100
AB002	Absorbent Sheet 125 x 150mm - absorbs 100ml	500
AB002-100	Absorbent Sheet 125 x 150mm - absorbs 100ml	100
AB003	Absorbent Sheet 150 x 250mm - absorbs 200ml	500
AB003-100	Absorbent Sheet 150 x 250mm - absorbs 200ml	100
AB004	Absorbent Sheet 250 x 300mm - absorbs 400ml	250
AB004-100	Absorbent Sheet 250 x 300mm - absorbs 400ml	100
AB010	Absorbent 4 Bay Pouch for up to 4 blood tubes	500
AB010-100	Absorbent 4 Bay Pouch for up to 4 blood tubes	100

Specimen Bags

These handy, grip seal specimen bags comprise the main compartment plus an integral document wallet to ensure your paperwork stays with your samples. For use with appropriately tested 95kPa primary containers. These can also be used to separate multiple primary sample containers from each other.

Supplied non-sterile.



Specimen Bags

Catalogue number	Description	Pack Size
BS1415	Specimen Bag with Wallet, Plain 23x15x18cm	100

Other Secondary Packaging Solutions for Air Transport

95kPa IATA Pouches

Flexible Secondary Pouches are the ideal solution for transporting sample containers where the pressure resistance is either unknown or not certified to be 95kPa compliant. They are also useful for any sample container which does not fit into any of the moulded SpeciSafe® transport containers. These IATA compliant pouches can be used as the secondary packaging option when combined with a rigid outer box. In this way the pouches can be used to meet the UN3373 regulations P650 packaging instruction for transport of category B biological samples by air.

The IATA flexible secondary pouches have undergone much more rigorous testing at both -40C and +55C to ensure they are robust enough to withstand the changes in pressure and temperature they may encounter during air transport. They include a document wallet and have a lot number.



- 95kPa pouches carry full instructions
- Pouches have a document wallet on the reverse side
- For security, the flexible secondary pouches include a tamper evident seal

95kPa IATA Pouches

Catalogue Number	Description	Pack Size
FS95-C3-IATA	Flexible Secondary IATA 95kPa Pouch C3	250
FS95-C3-100-IATA	Flexible Secondary IATA 95kPa Pouch C3	100
FS95-C4-IATA	Flexible Secondary IATA 95kPa Pouch C4	300
FS95-C4-100-IATA	Flexible Secondary IATA 95kPa Pouch C4	100
FS95-C5-IATA	Flexible Secondary IATA 95kPa Pouch C5	700
FS95-C5-100-IATA	Flexible Secondary IATA 95kPa Pouch C5	100

Secondary Packaging Solutions for Road Transport

95kPa ADR Pouches

Flexible Secondary 95kPa Pouches are the ideal solution for transporting sample containers where the pressure resistance is either unknown or not certified to be 95kPa compliant. They are also useful for any sample container which does not fit into any of the moulded SpeciSafe® transport containers. These ADR pouches can be used as the secondary packaging option when combined with a rigid outer box. The rigid outer can be an individual one, or a hospital courier transport box designed to hold several samples.

In this way the pouches can be used to meet the UN3373 regulations P650 packaging instruction for transport of category B biological samples by road.



- 95kPa pouches carry full instructions
- Areas to write sender and recipient details
- Check boxes for temperature requirements
- Unique sequential barcoded number for easy package recognition
- C5 and C4 pouches have a document wallet on the reverse side
- For security, the flexible secondary pouches include a tamper evident seal
- Pouches can be purchased on their own or with appropriately sized absorbent in various pack sizes



95kPa ADR Pouches

Catalogue Number	Description	Pack Size
FS95-C3	Flexible Secondary 95kPa Pouch C3	250
FS95-C3-100	Flexible Secondary 95kPa Pouch C3	100
FS95-C4	Flexible Secondary 95kPa Pouch C4	500
FS95-C4-100	Flexible Secondary 95kPa Pouch C4	100
FS95-C5	Flexible Secondary 95kPa Pouch C5	1000
FS95-C5-100	Flexible Secondary 95kPa Pouch C5	100

95kPa ADR Pouches with Absorbent

For added convenience these pouches come complete with the appropriately sized absorbent sheet.



95kPa ADR Pouches with Absorbent

Catalogue Number	Description	Pack Size
FS95-C3A-100	Flexible Secondary 95kPa C3 200ml Absorbent	100
FS95-C3A-500	Flexible Secondary 95kPa C3 200ml Absorbent	500
FS95-C4A-100	Flexible Secondary 95kPa C4 100ml Absorbent	100
FS95-C4A-500	Flexible Secondary 95kPa C4 100ml Absorbent	500
FS95-C5A-100	Flexible Secondary 95kPa C5 50ml Absorbent	100
FS95-C5A-1000	Flexible Secondary 95kPa C5 50ml Absorbent	1000

Outer Packaging Solutions for Air or Road Transport

Labels and Seals

Labels can be purchased to add to your own packaging solutions which comply with the UN3373 regulations. Save time and effort with labels directly from a roll. Also available is the tamper evident security seal. This has a special adhesive to ensure it cannot be removed without being torn so it becomes immediately obvious if the package has been previously opened.

Labels and Seals		
Catalogue Number	Description	Pack Size
LB001	Security Seal	1000
LB002	UN3373 Label Small 50mm x 50mm	1000
LB003	UN3373 Label Large 100mm x 100mm	1000



Rigid Outer Boxes



Use these boxes when you need to tailor the packaging to exactly suit your needs. The Rigid Outer Containers are available in 5 useful sizes. All boxes are supplied flat packed to minimise storage requirements and have full instructions for assembly. They can be used together with SpeciSafe® as well as with 95kPa pouches for either air or road transport.



Rigid Outer Boxes		
Catalogue Number	Description	Pack Size
RO-LL1	Rigid Box Dimensions: 192 x 147 x 24mm	35
RO-200G	Rigid Box Dimensions: 194 x 125 x 43mm	35
RO-330G	Rigid Box Dimensions: 194 x 125 x 68mm	35
RO-500G	Rigid Box Dimensions: 194 x 125 x 102mm	30
RO-1K	Rigid Box Dimensions: 251 x 194 x 102mm	30
ROI-1K-7	Insulated Rigid Box Outer Dimensions: 251 x 194 x 102mm	7

Medical Collection Containers

The MedDXTAINER Medical Collection Container is a popular choice with medical couriers and hospital transport. Used for the collection of multiple samples from off-site clinics and laboratories, this ABS plastic carrier can be stacked and locked, enabling three or four units to be carried together.

The medical collection container is regulatory marked and should be used in conjunction with a secondary packaging. If primaries are not 95kPa we advise the use of the 95kPa pouches to ensure compliance.

A range of additional options are available including shoulder straps, trolley, security components and EPP insulated liners for refrigerated shipments. Please enquire for details.

- ABS rigid plastic carrier ensures durability and reusability
- Foam lid and base sample protection pads
- Lockable stacking feature
- Regulatory compliant markings
- Carry handle



Medical Collection Containers

Catalogue Number	Description	Pack Size
MDXT-4	MedDXTAINER 4 Medical Collection Container Dimensions: 415 x 315 x 340mm	Each
MDXT-5	MedDXTAINER 5 Medical Collection Container Dimensions: 415 x 315 x 445mm	Each
MDXT-MINI3	MedDXTAINER MINI 3 Medical Collection Container Dimensions: 142 x 265 x 171mm	Each

Outer Packaging Solutions for Road Transport

Mailing Bags and Envelopes

When a 95kPa primary container is used with SpeciSafe® secondary packaging, the SpeciSafe meets the “rigid” requirements of the UN3373 regulations, hence only an outer flexible envelope is required to transport items by road. These flexible envelopes are made from lightweight polyethylene and used together with SpeciSafe can help to minimise postage costs, enabling many sample packages to be mailed at large letter rather than parcel rates.

Mailing Bags and Envelopes

Catalogue Number	Description	Pack Size
SH1000	UN3373 Labelled White Polyethylene C5 Size Envelopes	500
SH1010	UN3373 Labelled White Polyethylene C5 Size Envelopes	100
FO013-500	UN3373 Labelled White Polyethylene C4 Size Envelopes	500
FO013-100	UN3373 Labelled White Polyethylene C4 Size Envelopes	100



Off-the-Shelf or Customised for You

Combining SpeciSafe packaging with the primary sample containers and UN3373 labelled envelopes provides a convenient and complete solution. SpeciSafe and Envelopes can even be customised (except SH1200) with labels to include your required address and unique Royal Mail business reply reference. Ideal for clinical trials packs etc. Contact us to discuss your needs and obtain a quotation.

Complete Kits for Sample Collection and Transport

Complete Mailing Systems for Road Transport

Convenient complete sample transport systems with everything you need to meet the P650 packaging instruction.

These convenient sample transport complete systems make UN3373 compliance simple. They contain absorbent material, a 95kPa pressure tested secondary pouch, a rigid outer box and a security seal. Suitable for road transport, and can accommodate all types of primary sample container. Use when the pressure differential of the primary container is unknown, or when your primary doesn't fit into any of the SpeciSafe® secondary sample transport clamshells.

Available in a range of sizes, with an option for an insulated pack, simply pick the one which matches your requirements best.

These sample collection kits are supplied flat packed to minimise storage requirements.



Complete Mailing Systems

Catalogue Number	Description	Box Size	Pouch Size	Absorbent Size	Additional Items	Pack Size
RF95-LL1	Rigid Flexible 95 LL1	192 x 147 x 24mm	C5 150 x 205mm	50ml 75 x 125mm	Security Seal	25
RF95-200G	Rigid Flexible 95 200G	194 x 125 x 43mm	C5 150 x 205mm	100ml 125 x 150mm	Security Seal	25
RF95-330G	Rigid Flexible 95 330G	194 x 125 x 68mm	C5 150 x 205mm	100ml 125 x 150mm	Security Seal	25
RF95-500G	Rigid Flexible 95 500G	194 x 125 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal	25
RF95-1K	Rigid Flexible 95 1K	251 x 194 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal	25
RFI95-1K-7	Rigid Flexible 95 System Insulated 1K	251 x 194 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal, expanded polystyrene insulation	7