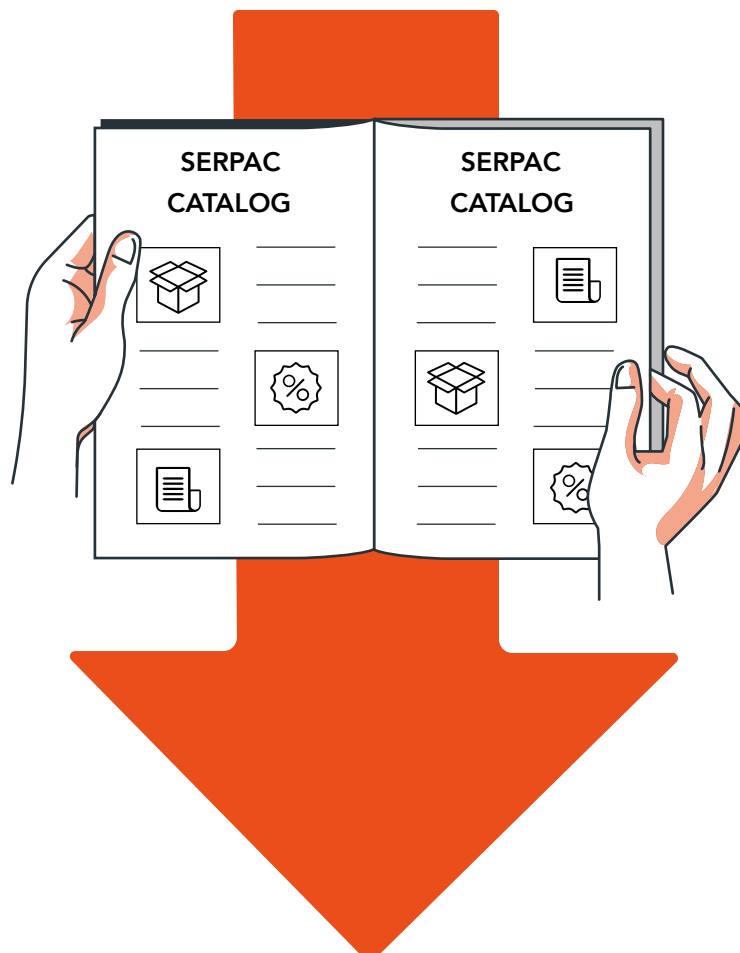




SERPAC CATALOG DANGEROUS GOODS July 2023



Thank you for downloading our catalog!
Scroll down to discover all pages.

DON'T RISK! MANAGE AND PACK SAFELY



DANGEROUS GOODS
QUALITY AND SAFETY AT YOUR SERVICE

Quality, support, and news with just one click!

When you deal with dangerous goods, there are many aspects to take care of: the choice of the most suitable packaging, shipment preparation, labeling, and many more.

If you manage all these steps correctly, you will avoid most of the dangers connected to hazardous materials.



WWW.SERPAC.IT/EN

WHY CHOOSE SERPAC?



Compliant products at the best price

We know how important quality and compliance with the existing regulations are, and how much these aspects can impact the safety of a shipment. That is why we only produce compliant products, using the best materials available on the market.



Wide range

More than 2500 different products are always available in our warehouse for a safe and compliant shipment of your dangerous goods.



Clear and detailed info

On our website, you can find all the specs to identify correctly the most suitable product for your shipment. It is the supplier's responsibility to give the correct information to use the products in compliance with the law.



Our complete support

Contact us, we are at your complete disposal to help you identify the best solution for the shipment of your dangerous goods.



Safe and simple, click and buy

Fill out your cart and buy online. Follow the payment method that you prefer and always stay up to date about the state of your order.



Not just products, but many interesting insights

Shipping dangerous goods correctly is not just a matter of using the right products, but also of knowing how to use them. Surf in our "insights" section with news, real cases, and free video lessons.

Our KNOW-HOW at your service

In our “insights” section, you will find all the most useful news and info, video lessons, and details about dangerous goods.

INSIGHTS ▾

FREE VIDEO TUTORIALS ▾

ABOUT US ▾



Do you wish to stay up to date on the latest news?

Subscribe to our newsletter to stay up to date about dangerous goods and about the useful info we publish on our website. Register and be updated!



ARTICLES



VIDEOS



NEWS



REGULATIONS



SALES



PRODUCTS



CHECK ON ALL OUR WEBSITES



www.lithiumbatteries.it/en/

Specific info on how to prepare and ship ion-lithium or metal-lithium batteries.



www.dangerousegoodsapp.com/

Useful apps to ship different UN numbers' products.















www.un3373.it/ENG

Specific info to ship biological and infectious substances.

VISUAL INDEX: CARRIAGE IN PACKAGES



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Danger placards and markings

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Orange panels

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Examples of placarding and marking page 170



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Placards and panels

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Adhesive sprays for placards and panels

Example

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Grip mat

Example

4



Dehydrating chains for containers

Example

5



Bolt seals

Example

6



Load binder straps

Example

Examples of placarding and marking page 171

UN CERTIFICATIONS

We perform customized UN certifications and give you all the support to develop and design UN-certified packaging. Our UN certifications are valid worldwide and for all transport modalities (ADR, RID, ADN, IMDG, ICAO-TI / IATA)

08

DANGEROUS GOODS PACKAGING

To ship dangerous goods compliantly, it is necessary to use specific packaging systems in compliance with different regulations. Discover our wide range of UN-certified outer packaging, we will help you to choose the right packaging for your shipments. We can produce customized UN-certified packaging or customize our packaging with your logo.

12

LABELS, MARKS, PLACARDS, PANELS, AND GHS PICTOGRAMS

Signaling a package or a transport unit compliantly is fundamental. Discover our wide range of labels, marks, placards, and panels, all compliant with the regulations for the shipment of dangerous goods and the signaling of dangerous substances and mixtures. We can produce customized labels, placards, and panels.

86

DOCUMENTS

To ship dangerous goods one must, with just a few exceptions, fill out specific documents. We supply compliant formats to use directly on PC or management software.

134

PRODUCTS FOR CARRIERS

The carriage of dangerous goods requires specific equipment and protection systems for people, vehicles, and goods. Protecting the environment is another key aspect of the carriage that must be thoroughly evaluated. Discover all our ADR-compliant products and all the products to safeguard the environment during carriage.

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USEFUL EXAMPLES

We support you with useful information to ship your dangerous goods. Check all our useful information, examples, explanations, and definitions to ship your dangerous goods in a safe, correct, and compliant way.

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**CONTACT US FOR ANY UN CERTIFICATION,
WE PERFORM EVERY CUSTOMIZED UN CERTIFICATION,
VALID FOR ALL REGULATIONS**

According to the features of the products to be shipped,
we can provide a support service in order to get the UN certification for your packagings:

- Fibreboard boxes 4G/4GV
- Wooden boxes 4D/4DV
- Metal boxes 4A
- Metal drums 1A1/1A2
- Plastic drums 1H1/1H2
- Metal jerricans 3A1/3A2
- Plastic jerricans 3H1/3H2
- Plastic bags 5H1/5H2/5H3
- Plastic bags in film 5H4
- Bags in textile 5L1/5L2/5L3
- Paper bags 5M1/5M2
- Light metal packagings 0A1
- Flexible IBC (Big bag/ FIBC) in plastic 13H, textile 13L, paper 13M
- etc



DROP TEST



HYDRAULIC PRESSURE TEST



STACKING TEST



TOP-LIFT TEST



RESISTANCE TEST TO VERTICAL COMPRESSION

Our UN certifications are valid for all regulations:

- by road ADR
- by train RID
- by inland waterway ADN
- by sea IMDG
- by air ICAO-TI/ IATA

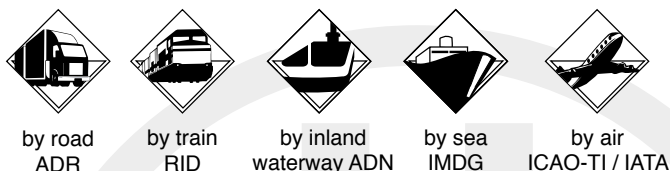


For any information, do not hesitate to contact us at: +39 02 218 71 585 / +39 02 455 06 456

Did you check if the packaging that you are using is certified for all the transport modalities?

Find out how to UN-certify a 4G box

See page 70



Our certificates are valid for all 5 transport modalities:

A 4G fibreboard box with this kind of certificate is compliant with the transportation of dangerous goods by road ADR, by train RID, by inland waterway ADN, by sea IMDG e by air ICAO-TI / IATA.

Our certificates don't expire but are subject to annual renewal, which is released after a positive result of production control, as written in regulations:

- ADR/RID/ADN 6.1.1.4 e 6.1.5.1.3
- IMDG 6.1.1.3 e 6.1.5.1.3
- IATA 5.0.2.5 e 6.3.1.1.2



One of our UN-certificate of approval

Furthermore ...

we give assistance for tests in different areas, material analysis, transport and weather simulations, consumer food pack, test with nitric acid to check chemical compatibilities, etc.



Safe closure, childproof



Consumer food pack



Test with nitric acid to check the chemical compatibility



Laboratory



Horizontal shock table



Flexural strength test

DEVELOPMENT, PRODUCTION, AND SALES OF UN-CERTIFIED PACKAGINGS FOR THE TRANSPORT OF DANGEROUS GOODS

UN-CERTIFIED BOXES IN 60 DAYS

1

WE DESIGN UN-CERTIFIED PACKAGINGS

Having the full knowledge of the production chain of UN-certified packagings, we can support you to choose the correct design of the packaging to be certified. The specific certificates for this activity allow us to design certified packagings and, with the support of technicians with expertise in fibreboard production and dangerous goods, we can complete the production chain.



2

WE PERFORM CUSTOMIZED UN CERTIFICATIONS

According to your needs and inners, we can perform UN certifications, valid for all regulations, which allow you to ship your dangerous goods in compliance with the current rules and respecting the environment. Serpac has found, considering precise criteria, the best certification body, B.P.I., to perform your UN certification and guarantee you easy and safe shipments.



3

WE PERFORM TESTS TO CHECK IF THE PACKAGING IS COMPLIANT

To guarantee the maximum quality, we release UN certifications only for those packagings that have actually been tested. UN certifications valid for the transport ADR, RID, ADN, IMDG, ICAO-TI / IATA.



4

WE PRODUCE HIGH-QUALITY AND ENVIRONMENTAL FRIENDLY PRODUCTS

With new, precise, and reliable machines, we produce paper sheets, from the coil to paper, and turn it into real packaging.



5

WE DELIVER ALL OVER ITALY AND EUROPE

We deliver in Italy and in Europe to give you a complete service.



Serpac, an UNI EN ISO 9001:2015 quality management system certified company

THE MORE YOU SHIP, THE MORE YOU RISK

Hidden risk evaluation is a key aspect that one must take into serious consideration. Here are some suggestions for you to better understand if you are shipping at "zero risks".

HIGH RISKS, HEFTY FINES

Checks and sanctions can put your company or the company buying the packaging into trouble. Always pay attention to checking if:

- UN-certificate:
 - Is still valid and has not expired;
 - Is valid for all modality transport ADR, RID, ADN, IMDG, and ICAO-TI / IATA;
 - Allows the use of your inner packaging.

- The producer:
 - Is the same one as written in the Test Report;
 - Knows about dangerous goods and the related responsibility;
 - Is aware of responsibilities and respects the yearly updates;
 - Guarantees 5-years traceability;
 - Goes under production controls.



DON'T RISK, SHIP SAFELY

We produce and certify UN 4G customized packaging, paying attention to your need, and in compliance with the law.

Ship safe and sound: **we will take care of all the requirements by law.**

- Our certifications:
 - Do not expire;
 - Are valid for all transportation modalities: ADR, RID, ADN, IMDG, and ICAO-TI / IATA;
 - Are done specifically on your inner packaging(s).

- Our packagings are produced:
 - Always in compliance with the law;
 - Always up to date when there are some changes in graphics by law;
 - Performing yearly checks at our expenses;
 - Guaranteeing 5 years of traceability.



DANGEROUS GOODS PACKAGING INDEX

4G boxes

Da Page 14 a 45



4G boxes for perfumery products

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4G boxes for Fireworks

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4G boxes for aerosol

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4G boxes for Lithium Battery whit SR foam

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Choosing 4G or 4DV packaging

Page 71



4G boxes for Lithium Battery whit LI foam

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UN-certified 4D and 4DV boxes

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4D boxes for Lithium battery

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UN certification process for 4GV or 4GV boxes

Page 78-79



4G boxes complete with allowed inners

Page 40



Tapes for UN 4G and 4GV certified boxes

Page 80



Certificate boxes for Limited Quantities

Page 46



Polyethylene bags for packaging

Page 80



4GV boxes with Safe&Clean kit

Page 50



Gel packs

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4GV boxes with absorbent pad

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Packagings certified for UN3373

Page 82



Die-cut 4GV boxes with Vermiculite

Page 58



Packagings certified for category A

Page 84



American 4GV boxes with Vermiculite

Page 64



Packagings for refrigerated transport

Page 85



DIFFERENT 4G BOXES FOR DIFFERENT INNER PACKAGING.

When regulations allow you to use a 4G box, this does not mean that any 4G box is suitable to carry your goods.

It is necessary to verify on the test report of the box if an inner packaging like yours has been successfully tested together with the same box. Check if among our 4G boxes always available in stock there is one suitable for the specific inner packaging you want to use.



BEFORE SHIPPING YOUR GOODS CHECK IF:

- 1 The test report of the outer packaging certifies that it is approved, thus tested together with the specific inner packaging you are about to use.
- 2 The test report of the outer packaging certifies that it is approved for the transport modality you want to use (ADR, RID, ADN, IMDG, and ICAO-TI / IATA).
- 3 The package, ready for shipment, has a gross weight smaller than or equal to the one written on the approval mark.

TRANSPORT MODALITY

Suitable for all transport modalities:



by road ADR
by train RID
by inland waterway ADN
by sea IMDG
by air IATA

PRINTED VERSION

Available for some models of boxes only:



UN1266
PERFUMERY
PRODUCTS

(Final extension code -02)

CLOSURE SYSTEM

Always verify the correct closure system on the technical specification sheet and in the test report.

MOD. U



MOD. H



MOD. HE



BOXES SUPPLY

In packs.



On pallets.



Verify on the UN approval certificates which inners are allowed

See page 78



VIDEOS AVAILABLE ON WWW.SERPAC.IT/EN

On our website www.serpac.it/en you can find training videos about the correct choice and preparation of UN-certified 4G packaging. Here below you can find the description of some videos available.



Choose the correct packaging

06:41

When ADR, RID, ADN, IMDG, or IATA regulations allow you to use a 4G box, this does not mean that any 4G box is suitable to carry your goods in compliance with all regulations.

This tutorial shows you how to correctly choose between a 4G and a 4GV box.



4G shipments by air IATA

06:42

This video explains how to prepare and properly ship your dangerous goods using UN-certified 4G packaging. The video explains how to choose, prepare and label the package and how to fill in the documents for the correct and safe shipment of dangerous goods being shipped in compliance with the IATA Regulations.

PURCHASE DETAILS



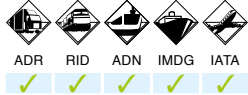
Type	Serpac Code	UN Certification ADR / RID IMDG 6.1.3 IATA 6.0.4.2	Inner dimensions mm	Outer dimensions mm	Package		Pallet		
					Quantity N°	Format mm	Quantity N°	Format mm	Weight kg
PG611	4G-3611-NT	4G/Y1.3/S	140x120x170h	146x126x182h	20	300x270x140h	700	1200x800x1300h	82
PG982	4G-3982-NT	4G/Y7/S	182x182x251h	190x190x270h	20	610x370x200h	400	1200x800x1300h	125
PG807	4G-3107-NT	4G/Y9/S	280x180x230h	300x200x260h	17	500x460x252h	528	1300x1000x1300h	180
PG350	3350-GV-NT	4G/X7.1/S	186x186x365h	200x200x395h	30	595x400x420h	300	1200x800x1200h	134
PG351	3351-GV-NT	4G/X11.9/S	330x190x285h	345x205x310h	25	550x515x350h	340	1200x1000x1300h	171
PG352	3352-GV-NT	4G/X23.2/S	330x330x285h	345x345x310h	25	690x655x350h	170	1300x800x1300h	144
PG896	4G-3896-NT	4G/Y30/S	355x355x275h	370x370x305h	17	730x660x252h	180	1350x800x1350h	145
PG808	4G-3108-NT	4G/Y16/S	380x280x230h	400x300x260h	17	700x560x252h	340	1200x800x1300h	180
PG353	3353-GV-NT	4G/X32.2/S	380x280x440h	400x300x470h	12	700x750x168h	168	1350x800x1300h	230
PG843	4G-3143-NT	4G/Y4/S	390x305x140h	400x315x155h	28	720x480x200h	660	1200x1000x1400h	230
PG514	4G-3514-NT	4G/X29/S	390x390x302h	397x397x317h	12	780x700x170h	170	1430x800x1350h	230
PG354	3354-GV-NT	4G/X44/S	430x430x420h	450x450x450h	15	900x900x210h	85	1200x900x1400h	159
PG577	4G-3577-NT	4G/X14/S	485x285x250h	500x300x280h	15	785x560x210h	170	1120x785x1176h	230
PG601	4G-3601-NT	4G/X5/S	380x280x370h	400x300x400h	17	700x700x240h	170	1400x800x1400h	197
PG639	4G-3639-NT	4G/X23/S	383x383x670h	400x400x700h	10	1080x780x140h	85	1200x800x1350h	125
PG592	4G-3592-NT	4G/X30/S	580x380x275h	600x400x305h	12	1000x700x168h	168	1350x1000x1250h	290
PG355	3355-GV-NT	4G/Y40/S	580x380x420h	600x400x450h	12	1000x850x168h	168	1650x1000x1300h	345
PG805	4G-3105-NT	4G/Y83/S	780x580x425h	800x600x455h	5	1400x1050x70h	80	1400x1050x1300h	305
PG806	3106-GV-NT	4G/Y275/S	1170x770x720h	1200x800x770h	3	2000x1600x75h	45	2000x1550x1250h	440

You can request details and price list at +39 02 218 71 585 / +39 02 455 06 456 - sales@serpac.it



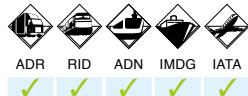
Inner packagings do not require certification markings: chapter ADR / ADN / RID / IMDG 4.1.1.3, IATA 6.0.4.0.4

	 PERFUMERY FOR PERSONAL CARE	 PERFUMERY FOR AMBIENT	 AEROSOL	 ALUMINUM BOTTLES	 PLASTIC BOTTLES	 PLASTIC JERRICANS	 METAL DRUMS	 PLASTIC BAGS	 CHEMICAL KIT	 LITHIUM BATTERY	 BATTERIES
PG611	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗
PG3982	✗	✗	✗	✓	✓	✓	✗	✓	✗	✗	✗
PG807	✓	✓	✗	✗	✗	✗	✗	✗	✗	Page 30	✗
PG350	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗
PG351	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗
PG352	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✗
PG896	✓	✓	✓	✗	✗	✓	✓	✓	✗	✗	✗
PG808	✓	✓	✓	✗	✗	✗	✗	✓	✗	Page 30	✗
PG843	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
PG514	✓	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗
PG353	✓	✓	✓	✗	✗	✗	✗	✓	✗	✗	✗
PG639	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
PG354	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗	✓
PG577	✓	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗
PG601	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
PG355	✓	✗	✓	✗	✗	✗	✗	✓	✗	Page 30	✗
PG813/592	✓	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗
PG805	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗
PG806	✓	✗	✓	✗	✗	✗	✗	✓	✗	✗	✗



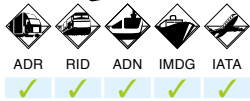
UN-certified 4G box - PG611

	Serpac code	4G-3611-NT (neutral print)		48 units per stack on pallet 1200x800 mm   ADR RID ADN IMDG IATA ✓ ✓ ✓ ✓ ✓
	Dimensions (mm)	Outer 146x126x182h Inner 140x120x170h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y1.3/S/** - B/SERPAC.412-090249		
	Content	Liquids		
Inner packaging it has been tested with		Max gross weight kg	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		1.3	(PG920 – 4G/Y1.3)	PP36, 50 mm, U



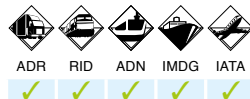
UN-certified 4G box - PG982

	Serpac code	4G-3982-NT (neutral print)		24 units per stack on pallet 1200x800 mm   ADR RID ADN IMDG IATA ✓ ✓ ✓ ✓ ✓
	Dimensions (mm)	Outer 190x190x270h Inner 182x182x251h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y7/S/** - B/SERPAC.412-110271		
	Content	Liquid or solid substances		
Inner packaging it has been tested with		Max gross weight kg	Certification / (Extension)	Tape, width, system
4 aluminum bottles of 1.1 L each		7	(PG515 – 4G/Y7)	PP36, 50 mm, U
4 polyethylene bottles of 1 L each		7	PG982 – 4G/Y7	PP36, 50 mm, U
1 plastic jerrican of 5 L		7	PG982 – 4G/Y7	PP36, 50 mm, U
Solid products contained in a plastic bag		7	PG982 – 4G/Y7	PP36, 50 mm, U




UN-certified 4G box - PG350

	Serpac code	3350-GV-NT (neutral print)		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 200x200x395h Inner 186x186x365h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/X7.1/S/** - B/SERPAC.412-190219		
	Content	Solids		
Inner packaging it has been tested with		Max gross weight kg	Certification / (Extension)	Tape, width, system
Solid products contained in a plastic bag		7.1(X) 10.6(Y) 15.9(Z)	PG350 – 4G/X7.1	PP36, 50 mm, U



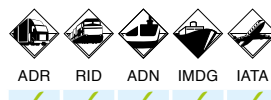
UN-certified 4G box - PG351

	Serpac code	3351-GV-NT (neutral print)		10 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 345x205x310h Inner 330x190x285h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/X11.9/S/** - B/SERPAC.412-190188		
	Content	Solids		
Inner packaging it has been tested with		Max gross weight kg	Certification / (Extension)	Tape, width, system
Solid products contained in a plastic bag		11.9(X) 17.6(Y) 26.7(Z)	PG351 – 4G/X11.9	PP36, 50 mm, U

UN-certified 4G box - PG352



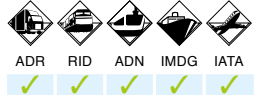
	Serpac code	3352-GV-NT (neutral print)		6 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 345x345x310h Inner 330x330x285h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/X23.2/S/** - B/SERPAC.412-190189		
	Content	Solids		
Inner packaging it has been tested with		Max gross weight kg	Certification / (Extension)	Tape, width, system
Solid products contained in a plastic bag		23.2	PG352 – 4G/X23.2	PP36, 50 mm, U

UN-certified 4G box - PG354



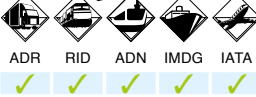
	Serpac code	3354-GV-NT (neutral print)		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 450x450x450h Inner 430x430x420h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/X44/S/** - B/SERPAC.412-120057		
	Content	Solids		
Inner packaging it has been tested with		Max gross weight kg	Certification / (Extension)	Tape, width, system
Solid products contained in a plastic bag		44(X) 51.5(Y)	PGV354 – 4G/X44	RB, 50 mm, U
2 Batteries UN2794 / UN2795*		27	PG601 – 4G/Y27	PP36, 50 mm, 2+

* Insert the single battery inside a PE bag, and surround it with Vermiculite or Styrofoam peanuts.




UN-certified 4G box - PG807

	Serpac code	4G-3107-NT (neutral print)	<p>16 units per stack on pallet 1200x800 mm</p>  	
	Dimensions (mm)	Outer 300x200x260h Inner 280x180x230h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/Y9/S/** - B/SERPAC.412-060023 ④4G/Y9/S/** - B/SERPAC.2151-060023		
	Content	Liquidi o Lithium battery		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		9 kg	PG807 – 4G/Y9	PP36, 50 mm, U
Different perfumery products for ambient		4.3 kg	PG2284 – 4G/Y4.3	PP36, 50 mm, U




UN-certified 4G box - PG808

	Serpac code	4G-3108-NT (neutral print)	<p>8 units per stack on pallet 1200x800 mm</p>  	
	Dimensions (mm)	Outer 400x300x260h Inner 380x280x230h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/Y16/S/** - B/SERPAC.412-060024 ④4G/Y16/S/** - B/SERPAC.2151-060024		
	Content	Liquids, aerosols, or solids		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		16 kg	(PG818 – 4G/Y16)	PP36, 50 mm, U
Aerosol		16 kg	(PG818 – 4G/Y16)	PP36, 50 mm, U
Solid products contained in a plastic bag		16 kg	(PG833 – 4G/Y16)	PP36, 50 mm, U
Different perfumery products for ambient		12.5 kg	PG2285 – 4G/Y12.5	PP36, 50 mm, U

UN-certified 4G box - PG896



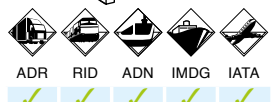
	Serpac code	4G-3896-NT (neutral print)	<p>6 units per stack on pallet 1200x800 mm</p>  	
	Dimensions (mm)	Outer 370x370x305h Inner 355x355x275h		
	UN certification	4G (fibreboard box)		
	UN mark	④4G/Y30/S/** - B/SERPAC.412-090138 ④4G/Y30/S/** - B/SERPAC.2151-090138		
	Content	Liquids, aerosols, or solids		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products in ampoules		16 kg	PG896 – 4G/Y16	PP36, 75 mm, U
Aerosol		16 kg	PG896 – 4G/Y16	PP36, 75 mm, U
Solid products contained in a plastic bag		26 kg	PG896 – 4G/Y26	PP36, 75 mm, U
4 Plastic jerrican da 5 L each		30 kg	PG896 – 4G/Y30	PP36, 75 mm, U
4 Metal jerricans da 5 L each		26 kg	PG896 – 4G/Y26	PP36, 75 mm, U
Different perfumery products for ambient		18.5 kg	PG2287 – 4G/Y18.5	PP36, 50 mm, U

UN-certified 4G box - PG601




	Serpac code	4G-3601-NT (neutral print)		8 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 400x300x400h Inner 380x280x370h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/Y27/S/** - B/SERPAC.412-120055		
	Content	Chemical kit		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
2 Batteries UN2794 / UN2795*		27 kg	PG601 – 4G/Y27	PP36, 50 mm, 2+

* Insert the single battery inside a PE bag, and surround it with Vermiculite or Styrofoam peanuts.




UN-certified 4G box - PG843

	Serpac code	4G-3143-NT (neutral print)		6 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 400x315x155h Inner 390x305x140h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/Y4/S/** - B/SERPAC.412-070086		
	Content	Chemical kit		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
UN3316 Chemical kit - 4 conf. Spectroquant		4 kg	PG843 – 4G/Y4	PP36, 50 mm, U

UN-certified 4G box - PG514

	Serpac code	4G-3514-NT (neutral print)		6 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 405x405x330h Inner 390x390x302h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/X29/S/** - B/SERPAC.412-170067		
	Content	Liquids, aerosols, or solids		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		29 kg	(PG514 – 4G/Y29)	PP36, 50 mm, U
Aerosol		20 kg	(PG514 – 4G/Y20)	PP36, 50 mm, U
Solid products contained in a plastic bag		29 kg	(PG514 – 4G/X29)	PP36, 50 mm, U

UN-certified 4G box - PG353

	Serpac code	3353-GV-NT (neutral print) 3353-G-02 ("UN1266 Perfumery products" print)		8 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 400x300x470h Inner 380x280x440h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/X32.2/S/** - B/SERPAC.412-180287 ☉4G/X32.2/S/** - B/SERPAC.2151-180287		
	Content	Liquids		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		27 kg	(PG353 – 4G/32.2)	PP36, 50 mm, U
Aerosol		20 kg	(PG353 – 4G/32.2)	PP36, 50 mm, U
Solid products contained in a plastic bag		32.2(X) 48.3(Y) kg	(PG353 – 4G/32.2)	RB, 50 mm, U
Different perfumery products for ambient		17.4 kg	PG2286 – 4G/ Y17.4	PP36, 50 mm, U






UN-certified 4G box - PG577

	Serpac code	4G-3577-NT (neutral print)		4 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 500x300x280h Inner 485x285x250h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/X14/S/** - B/SERPAC.412-180178		
	Content	Liquids, aerosols, or solids		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		21 kg	(PG577 – 4G/Y21)	PP36, 50 mm, U
Aerosol		15 kg	(PG577 – 4G/Y15)	PP36, 50 mm, U
Solid products contained in a plastic bag		14(X) 21(Y) 31(Z) kg	(PG577 – 4G/X14)	PP36, 50 mm, U



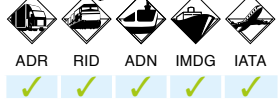
UN-certified 4G box - PG813/592

	Serpac code	4G-3592-NT (neutral print) 4G-3592-02 ("UN1266 Perfumery products" print)		4 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 600x400x350h Inner 580x380x275h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/X30/S/** - B/SERPAC.412-180286 Ⓜ 4G/X30/S/** - B/SERPAC.2151-180286		
	Content	Liquids, aerosols, or solids		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care		30 kg	(PG592 – 4G/Y30)	PP36, 50 mm, U
Aerosol		24 kg	(PG592 – 4G/Y24)	PP36, 50 mm, U
Solid products contained in a plastic bag		30 kg	(PG592 – 4G/X30)	PP36, 50 mm, U




UN-certified 4G box - PG355

	Serpac code	3355-GV-NT (neutral print) 3355-G-02 ("UN1266 Perfumery products" print)	<p>4 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 600x400x450h Inner 580x380x420h	
	UN certification	4G (fibreboard box)	
	UN mark	④4G/X51.5/S/** - B/SERPAC.412-060026 ④4G/X51.5/S/** - B/SERPAC.2151-060026	
	Content	Liquids, aerosols, or solids	
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care	40 kg	PG802 – 4G/Y40	PP36, 50 mm, U
Aerosol	40 kg	(PG853 – 4G/Y40)	PP36, 50 mm, U
Solid products contained in a plastic bag	51.5 kg	PG855 – 4G/Y51.5	RB, 50 mm, U

UN-certified 4G box - PG805

	Serpac code	4G-3105-NT (neutral print) 4G-3105-02("UN1266 Perfumery products" print)	<p>2 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 800x600x455h Inner 780x580x425h	
	UN certification	4G (fibreboard box)	
	UN mark	④4G/Y83/S/** - B/SERPAC.412-060030	
	Content	Liquids or aerosols	
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care	38 kg	(PG823 – 4G/Y38)	PP36, 75 mm, U
Different perfumery products for personal care	75 kg	PG805 – 4G/Y75	RB, 50 mm, U
Different perfumery products for personal care	83 kg	(PG823 – 4G/Y83)	PP36, 75 mm, HE
Aerosol	38 kg	(PG824 – 4G/Y38)	PP36, 75 mm, U
Aerosol	83 kg	(PG823 – 4G/Y83)	PP36, 75 mm, HE

UN-certified 4G box - PG806

	Serpac code	3106-GV-NT (neutral print) 4G-3106-02 ("UN1266 Perfumery products" print)	<p>1 unit per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 1200x800x770h Inner 1170x770x720h	
	UN certification	4G (fibreboard box)	
	UN mark	④4G/Y275/S/** - B/SERPAC.412-060033	
	Content	Liquids, aerosols, or solids	
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system
Different perfumery products for personal care	245 kg	(PG850 – 4G/Y245)	PP36, 75 mm, HE
Different perfumery products for personal care	265 kg	(PG850 – 4G/Y265)	RB, 50 mm, H
Different perfumery products for personal care	275 kg	(PG850 – 4G/Y275)	PP36, 75 mm, HE
Aerosol	230 kg	(PG850 – 4G/Y230)	PP36, 75 mm, HE
Aerosol	275 kg	(PG850 – 4G/Y275)	PP36, 75 mm, HE
Solid products contained in a plastic bag	300 kg	(PG543 – 4G/Z300)	RB, 50 mm, HR



U-SHAPED (PP36 50/75 mm)

Using the correct adhesive tape, seal the box only once centrally.



CROSS-SHAPED (PP36 50 mm)

Using the correct adhesive tape, seal the box with tape at its center both on the short and the long side.



H-SHAPED (RB 50 mm)

Using the correct adhesive tape, seal the box with tape at its center, and then on the short sides so as to seal any slit of the box.



HE-SHAPED (PP36, 75 mm)

Using the correct adhesive tape, seal the box with tape at its center, and then on the short sides so as to seal any slit of the box. Finally, add a further piece of tape between the central tape and the corners.



HR-SHAPED (RB 50 mm)

Using the correct adhesive tape, seal the box with three layers of tape at its center, each layer slightly offset. Then, one layer on all the short sides so as to seal any slit of the box. Finally use three pieces of tape put in parallel on the short sides.

DON'T RISK, LET YOUR SHOW BEGIN!



THE PERFECT SOLUTION FOR YOUR SHIPMENTS OF:

FIREWORKS

UN0333, UN0334, UN0335,
UN0336, UN0337



IGNITERS

UN0121, UN0314, UN0315,
UN0325, UN0454



BLACK POWDER

UN0027, UN0028






PURCHASE DETAILS



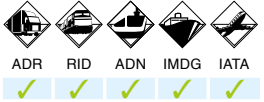
Type	Serpac code	UN Certification ADR / RID IMDG 6.1.3 IATA 6.0.4.2	Inner dimensions mm	Outer dimensions mm	Quantity per pack N°	Package format mm	Quantity per pallet N°	Pallet format mm	Pallet weight kg
FW010	4G-FW010-NT	4G/Y32/S	380x280x440h	400x300x470h	12	700x750x168h	168	1350x800x1300h	230
FW020	4G-FW020-NT	4G/Y39.3/S	580x380x275h	600x400x305h	12	1000x700x168h	168	1350x1000x1250h	290
FW030	4G-FW030-NT	4G/Y64.8/S	580x380x420h	600x400x450h	12	1000x850x168h	168	1650x1000x1300h	345
FW040	4G-FW040-NT	4G/Y28/S	765x225x230h	780x240x260h	10	1050x900x140h	170	1200x950x1300h	195
FW050	4G-FW050-NT	4G/Y45.4/S	780x580x260h	800x600x290h	10	1400x900x150h	80	1400x870x1300h	250
FW060	4G-FW060-NT	4G/Y28.4/S	1040x245x190h	1060x260x220h	10	1350x500x140h	170	1350x950x1300h	245

For more information and price list contact us at +39 02 218 71 585 / +39 02 455 06 456 - sales@serpac.it



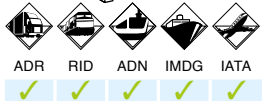
Inner packagings do not require certification markings: chapter ADR / ADN / RID / IMDG 4.1.1.3, IATA 6.0.4.0.4

	 FIREWORKS	 IGNITERS	 BLACK POWDER
4G-FW010-NT	✓	✓	✓
4G-FW020-NT	✓	✓	✗
4G-FW030-NT	✓	✓	✗
4G-FW040-NT	✓	✗	✗
4G-FW050-NT	✓	✗	✗
4G-FW060-NT	✓	✗	✗

Pyrobox 4G - FW010




	Serpac code	4G-FW010-NT (neutral print)			8 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 400x300x470h Inner 380x280x440h			
	UN certification	4G (fibreboard box)			
	UN mark	☉4G/Y32/S/** - B/SERPAC.412-200172 ☉4G/Y32/S/** - B/SERPAC.2151-200172			
	Content	Fireworks / Black powder			
Inner packaging it has been tested with		Caliber Min Max	Max gross weight	Certification (Extension)	Tape, width, system
Spherical shell		65 250	24.5 kg	FW010	PP36, 50 mm, U
Cylindrical shell		60 200	32.0 kg	FW010	PP36, 50 mm, U
Single shot (Shot tube)		30 60	26.8 kg	FW010	PP36, 50 mm, U
Batteries (Cakes) / combination		- -	16.5 kg	FW010	PP36, 50 mm, U
Igniters		- -	12.9 kg	FW010	PP36, 50 mm, U
Mix of fireworks 1 to 5		- -	32.0 kg	FW010	PP36, 50 mm, U
Other fireworks		- -	27.4 kg	FW010	PP36, 50 mm, U
Black powder		- -	32.0 kg	FW010	PP36, 50 mm, U

Pyrobox 4G - FW020




	Serpac code	4G-FW020-NT (neutral print)			4 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 600x400x305h Inner 580x380x275h			
	UN certification	4G (fibreboard box)			
	UN mark	☉4G/Y39.3/S/** - B/SERPAC.412-200173 ☉4G/Y39.3/S/** - B/SERPAC.2151-200173			
	Content	Fireworks			
Inner packaging it has been tested with		Caliber Min Max	Max gross weight	Certification (Extension)	Tape, width, system
Spherical shell		65 250	38.1 kg	FW020	PP36, 50 mm, 2 U
Cylindrical shell		60 200	39.0 kg	FW020	PP36, 50 mm, 2 U
Single shot (Shot tube)		30 60	33.2 kg	FW020	PP36, 50 mm, 2 U
Batteries (Cakes) / combination		- -	23.8 kg	FW020	PP36, 50 mm, U
Igniters		- -	20.1 kg	FW020	PP36, 50 mm, U
Mix of fireworks 1 to 5		- -	39.0 kg	FW020	PP36, 50 mm, 2 U
Other fireworks		- -	39.3 kg	FW020	PP36, 50 mm, U

4G PYROBOXES FOR FIREWORKS



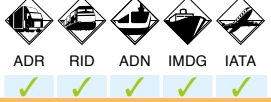
Pyrobox 4G - FW030

	Serpac code	4G-FW030-NT (neutral print)			4 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 600x400x405h Inner 580x380x420h			
	UN certification	4G (fibreboard box)			
	UN mark	☉ 4G/Y64.8/S/** - B/SERPAC.412-200174 ☉ 4G/Y64.8/S/** - B/SERPAC.2151-200174			
	Content	Fireworks			
Inner packaging it has been tested with		Caliber Min Max	Max gross weight	Certification (Extension)	Tape, width, system
Spherical shell		65 400	57.7 kg	FW030	PP36, 50 mm, 3 U
Cylindrical shell		60 200	64.8 kg	FW030	PP36, 50 mm, 2 U
Single shot (Shot tube)		30 60	45.4 kg	FW030	PP36, 50 mm, 3 U
Batteries (Cakes) / combination		- -	33.5 kg	FW030	PP36, 50 mm, U
Igniters		- -	27.0 kg	FW030	PP36, 50 mm, U
Mix of fireworks 1 to 5		- -	64.8 kg	FW030	PP36, 50 mm, 3 U
Other fireworks		- -	51.8 kg	FW030	PP36, 50 mm, 2 U




Pyrobox 4G - FW040

	Serpac code	4G-FW040-NT (neutral print)			5 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 780x240x260h Inner 765x225x230h			
	UN certification	4G (fibreboard box)			
	UN mark	☉ 4G/Y28/S/** - B/SERPAC.412-200175			
	Content	Fireworks			
Inner packaging it has been tested with		Caliber Min Max	Max gross weight	Certification (Extension)	Tape, width, system
Roman candles		20 30	28 kg	FW040	PP36, 50 mm, 2 U + 4 L

Pyrobox 4G - FW050

	Serpac code	4G-FW050-NT (neutral print)			2 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 800x600x290h Inner 780x580x260h			
	UN certification	4G (fibreboard box)			
	UN mark	☉ 4G/Y45.4/S/** - B/SERPAC.412-200176			
	Content	Fireworks			
Inner packaging it has been tested with		Max gross weight	Certification (Extension)	Tape, width, system	
Batteries (Cakes) / combination		45.4 kg	FW050	PP36, 50 mm, 2 U + 4 L	

Pyrobox 4G - FW060

	Serpac code	4G-FW060-NT (neutral print)			3 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 1060x260x220h Inner 1040x245x190h			
	UN certification	4G (fibreboard box)			
	UN mark	☉ 4G/Y28.4/S/** - B/SERPAC.412-200177			
	Content	Fireworks			
Inner packaging it has been tested with		Caliber Min Max	Max gross weight	Certification (Extension)	Tape, width, system
Roman candles		20 50	28.4 kg	FW060	PP36, 50 mm, U + 4 L



U-SHAPED (PP36 50 mm)

Using the correct adhesive 50 mm tape, seal the box only once centrally.



2 U-SHAPED (PP36 50 mm)

Using the correct adhesive 50 mm tape, seal the box with two layers of tape at its center.



3 U-SHAPED (PP36 50 mm)

Using the correct adhesive 50 mm tape, seal the box with three layers of tape at its center.



U + 4 L-SHAPED (PP36 50 mm)

Using the correct adhesive 50 mm tape, seal the box with tape at its center and then put a further piece of tape on the short sides, between the central tape and the corners.



2 U + 4 L-SHAPED (PP36 50 mm)

Using the correct adhesive 50 mm tape, seal the box with two layers of tape at its center and then put a further piece of tape on the short sides, between the central tape and the corners.

TESTED FOR DIFFERENT TYPES OF PERFUMERY PRODUCTS, SHIP YOUR PERFUMES EVERYWHERE WITH OUR 4G BOXES!

These boxes are suitable for all transport modalities and can contain different perfumery products (for personal care and ambient) in glass ampoules contained inside a case. They do not need to be grouped in further corrugated or flat fibreboard packaging. Check the technical sheet or test report for further details.



PURCHASE DETAILS

"UN1266 Perfumery products" print

Type	Serpac code	UN Certification ADR / RID IMDG 6.1.3 IATA 6.0.4.2	Inner dimensions mm	Outer dimensions mm	Quantity per package	Package format mm	Quantity per pallet	Pallet format mm	Pallet weight kg
PG611	4G-3611-NT	4G/Y1.3/S	140x120x170h	146x126x182h	20	300x270x140h	700	1200x800x1300h	82
*PG807	4G-3107-NT	4G/Y9/S	280x180x230h	300x200x260h	17	500x460x252h	528	1300x1000x1300h	180
*PG896	4G-3896-NT	4G/Y30/S	355x355x275h	370x370x305h	17	730x660x252h	180	1350x800x1350h	145
*PG808	4G-3108-NT	4G/Y16/S	380x280x230h	400x300x260h	17	700x560x252h	360	1200x800x1300h	180
PG353	3353-GV-NT	4G/X32.2/S	380x280x440h	400x300x470h	12	700x750x168h	168	1350x800x1300h	230
*PG353	3353-G-02	4G/X32.2/S	380x280x440h	400x300x470h	12	700x750x168h	168	1350x800x1300h	230
PG514	4G-3514-NT	4G/X29/S	390x390x302h	397x397x317h	12	780x700x170h	170	1430x800x1350h	230
PG577	4G-3577-NT	4G/X14/S	485x285x250h	500x300x280h	15	785x560x210h	170	1120x785x1176h	230
PG592	4G-3592-NT	4G/X30/S	580x380x275h	600x400x305h	12	1000x700x168h	168	1350x1000x1250h	290
PG592	4G-3592-02	4G/X30/S	580x380x275h	600x400x305h	12	1000x700x168h	168	1350x1000x1250h	290
PG355	3355-GV-NT	4G/Y40/S	580x380x420h	600x400x450h	12	1000x850x168h	168	1650x1000x1300h	345
PG355	3355-G-02	4G/Y40/S	580x380x420h	600x400x450h	12	1000x850x168h	168	1650x1000x1300h	345
PG805	4G-3105-NT	4G/Y83/S	780x580x425h	800x600x455h	5	1400x1050x70h	80	1400x1050x1300h	305
PG805	4G-3105-02	4G/Y83/S	780x580x425h	800x600x455h	5	1400x1050x70h	80	1400x1050x1300h	305
PG806	3106-GV-NT	4G/Y275/S	1170x770x720h	1200x800x770h	3	2000x1600x75h	45	2000x1550x1250h	440
PG806	4G-3106-02	4G/Y275/S	1170x770x720h	1200x800x770h	3	2000x1600x75h	45	2000x1550x1250h	440

For more information and price list contact us at +39 02 218 71 585 / +39 02 455 06 456 - sales@serpac.it

Inner packagings do not require certification markings: chapter ADR / ADN / RID / IMDG 4.1.1.3, IATA 6.0.4.0.4

Do you ship packages containing different
UN1266 Perfumery Products?

Check on all our labels for different perfumery products!



See page 97

TESTED FOR DIFFERENT TYPES OF AEROSOLS, HERE IS WHY YOU SHOULD USE OUR 4G BOXES!

These boxes are suitable for all transport modalities and can contain different aerosols.
Check the technical sheet or test report for further details.



PURCHASE DETAILS

Type	Serpac code	Certification ONU ADR / RID IMDG 6.1.3 IATA 6.0.4.2	Inner dimensions mm	Outer dimensions mm	Quantity per package	Package format mm	Quantity per pallet	Pallet format mm	Pallet weight kg
PG896	4G-3896-NT	4G/Y30/S	355x355x275h	370x370x305h	17	730x660x252h	180	1350x800x1350h	145
PG808	4G-3108-NT	4G/Y16/S	380x280x230h	400x300x260h	17	700x560x252h	360	1200x800x1300h	180
PG353	3353-GV-NT	4G/Y27/S	380x280x440h	400x300x470h	12	700x750x168h	168	1350x800x1300h	230
PG514	4G-3514-NT	4G/X29/S	390x390x302h	397x397x317h	12	780x700x170h	170	1430x800x1350h	230
PG577	4G-3577-NT	4G/X14/S	485x285x250h	500x300x280h	15	785x560x210h	170	1120x785x1176h	230
PG592	4G-3592-NT	4G/X30/S	580x380x275h	600x400x305h	12	1000x700x168h	168	1350x1000x1250h	290
PG355	3355-GV-NT	4G/Y40/S	580x380x420h	600x400x450h	12	1000x850x168h	168	1650x1000x1300h	345
PG805	4G-3105-NT	4G/Y83/S	780x580x425h	800x600x455h	5	1400x1050x70h	80	1400x1050x1300h	305
PG806	3106-GV-NT	4G/Y275/S	1170x770x720h	1200x800x770h	3	2000x1600x75h	45	2000x1550x1250h	440

Inner packagings do not require certification markings: chapter ADR / ADN / RID / IMDG 4.1.1.3, IATA 6.0.4.0.4

Do you ship packages containing different UN1950 Aerosols?

Check on all our labels for aerosols!



See page 95

4G BOXES FOR LITHIUM BATTERIES - WITH SR FOAM

TESTED FOR DIFFERENT TYPES OF 38.3 TESTED LITHIUM BATTERIES, SEE THE PROS OF OUR 4G BOXES!



Highest protection and safety for the shipment of your 38.3 tested lithium batteries. These boxes are approved for all transport modalities and are suitable for different lithium-ion or lithium metal batteries, standalone, packed, or with a device. Check the technical sheet or test report for further details.

UN-certified 4G box with foam sheets - PG807/SR

	Serpac code	4G-3107-SR (box + SR foam)		16 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 300x220x260h Real inner 240x140x185h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/Y9/S/** - B/SERPAC.412-060023		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Different Lithium battery	9 kg	(PG501 - 4G/Y9)	PP36, 50 mm, U	

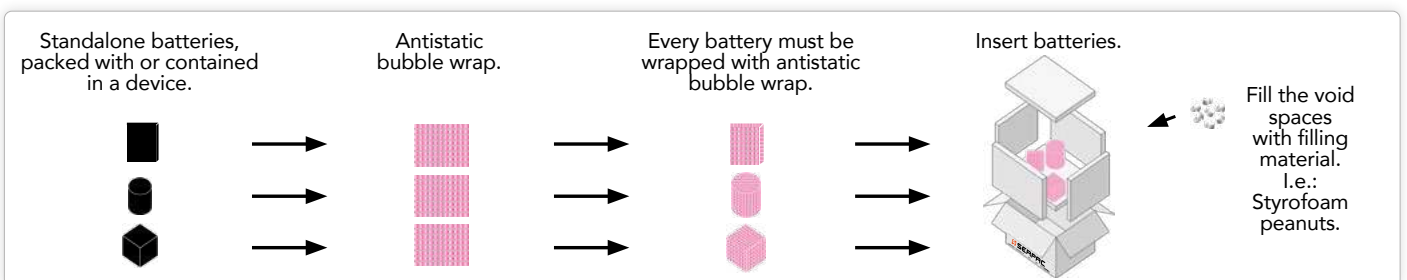
UN-certified 4G box with foam sheets - PG808/SR

	Serpac code	4G-3108-SR (box + SR foam)		8 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 400x300x260h Real inner 340x240x185h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/Y16/S/** - B/SERPAC.412-060024		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Different Lithium battery	16 kg	(PG502 - 4G/Y16)	PP36, 50 mm, U	

UN-certified 4G box with foam sheets - PG355/SR

	Serpac code	4G-3102-SR (box + SR foam)		4 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 600x400x450h Real inner 540x340x375h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/X51.5/S/** - B/SERPAC.412-060026		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Different Lithium battery	40 kg	(PG503 - 4G/Y40)	PP36, 50 mm, U	




4G WITH FOAM SHEETS - DIFFERENT LITHIUM BATTERIES






4G BOXES FOR LITHIUM BATTERIES - WITH LI FOAM





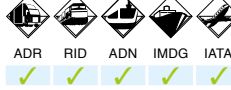
UN-certified 4G box with rings - PG807/LI

	Serpac code	4G-3107-LI (box + LI foam)		16 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 300x220x260h Real inner 240x140x185h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/Y9/S/** - B/SERPAC.412-060023		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Different Lithium battery	9 kg	(PG501 - 4G/Y9)	PP36, 50 mm, U	

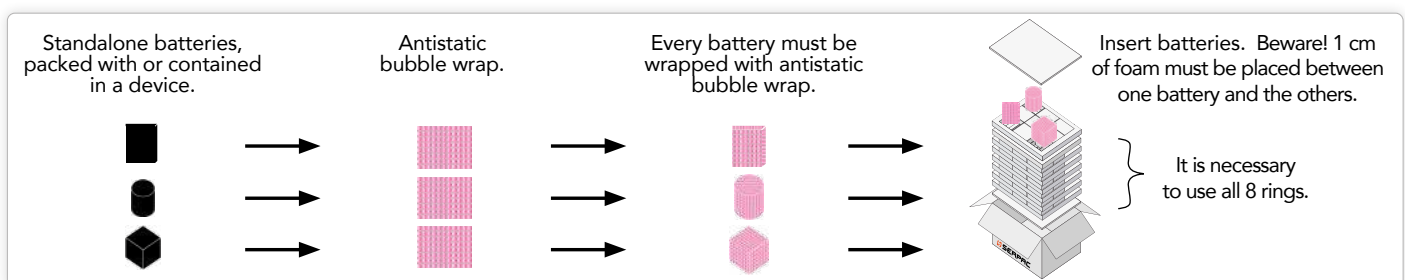
UN-certified 4G box with rings - PG808/LI

	Serpac code	4G-3108-LI (box + LI foam)		8 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 400x300x260h Real inner 340x240x185h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/Y16/S/** - B/SERPAC.412-060024		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Different Lithium battery	16 kg	(PG502 - 4G/Y16)	PP36, 50 mm, U	

UN-certified 4G box with rings - PG802/LI

	Serpac code	4G-3102-LI (box + LI foam)		4 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 600x400x450h Real inner 470x270x400h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓜ 4G/X51.5/S/** - B/SERPAC.412-060026		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Different Lithium battery	40 kg	(PG503 - 4G/Y40)	PP36, 50 mm, U	

4G WITH RINGS - DIFFERENT LITHIUM BATTERIES



SUFFICIENT THERMAL INSULATION – HOW TO EVALUATE IT?

Sufficient thermal insulation – how to evaluate it? To ship prototypes, damaged or defective lithium batteries, or lithium batteries for disposal or recycling, regulations require that they must be surrounded by sufficient non-combustible and electrically non-conductive thermal insulation material.

Very often 4GV boxes are used incorrectly together with vermiculite, as there has not been a specific study about the minimum thickness of material to use inside the package.

We have conducted an assessment based on our 4GV boxes, which led us to UN-certify new types of 4G boxes suitable to ship lithium batteries (P908, P909, P910).

This study includes a specific calculation to define precisely which is the minimum thickness of material (be it vermiculite or grain) to ship your batteries safely and in full compliance.


To carry out this calculation we need to know:

- A** The nominal energy of the battery (Wh);
- B** Dimensions of the battery (Height, depth, width);
- C** Weight of the battery.

HOW TO CALCULATE THE RIGHT THICKNESS IN 2 STEPS:

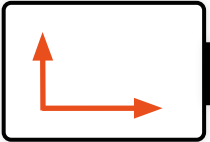
1 Specifications of your battery:

A




NOMINAL ENERGY

B



DIMENSIONS

C



WEIGHT

2 According to these data we will calculate:

MINIMUM THICKNESS OF MATERIAL TO USE

- We can offer two solutions:
- Vermiculite (more cost-saving);
 - Grain (safer).



MINIMUM THICKNESS OF MATERIAL



CERTIFIED TO SHIP DIFFERENT PROTOTYPES, DAMAGED OR DEFECTIVE LITHIUM BATTERIES, OUR 4G BOXES WITH GRAIN ARE THE SAFEST!

During the lifecycle of a battery, there are stages different than being new and 38.3 tested. When shipping low production runs or prototypes (P910), damaged or defective batteries (P908), and batteries for disposal or recycling (P909), a safer packaging shall be used. For this purpose, we have certified specific 4G boxes with a special type of grain that can suffocate a possible fire deriving from a thermal runaway.

If you wish to ship in the safest way, adding a "plus" to the requirements of the regulations, read here below.



UN-certified 4G box - PG355

	Serpac code	3355-GV-NT (neutral print)		4 units per stack on pallet 1200x800 mm 	
	Dimensions (mm)	Outer 600x400x450h Inner 580x380x420h			
	UN certification	4G (fibreboard box)			
	UN mark	☉ 4G/X51.5/S/** - B/SERPAC.412-060026 ☉ 4G/X51.5/S/** - B/SERPAC.2151-060026			
	Content	Lithium batteries			
Allowed inners	Max gross weight Battery	Package	Minimum thickness of grains between battery and box	Certification / (Extension)	Tape, width, system
1 Lithium battery	25 kg	46 kg	80 mm	PG355	PP36, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910)

UN-certified 4G box - PG2024

	Serpac code	4G-85S (neutral print)		2 units per stack on pallet 1200x800 mm 	
	Dimensions (mm)	Outer 800x600x550h Inner 775x575x502h			
	UN certification	4G (fibreboard box)			
	UN mark	☉ 4G/X110/S/** - B/SERPAC.412-200178			
	Content	Lithium battery			
Allowed inners	Max gross weight Battery	Package	Minimum thickness of grains between battery and box	Certification / (Extension)	Tape, width, system
1 Lithium battery	68 kg	110 kg	100 mm	PG2024	RB, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910)

Specific grain for lithium batteries - non-combustible and electrically non-conductive, thermal insulation material.



To keep a certificate valid, one must respect the minimum thickness of material between the battery and its box.

The boxes you see on this page have been tested together with the following grain, specific for lithium batteries, and classified as extinguisher cat. D (DIN EN 3-7:2007) and non-combustible cat. A (DIN 4102).

Serpac code	Volume L	Weight kg	Thermal conductivity	Bag dimensions cm
GRN-01-LB	55	12,5	0,07 W/m·k	40x15x80h

4G BOXES FOR LITHIUM BATTERIES - WITH VERMICULITE

CERTIFIED TO SHIP DIFFERENT PROTOTYPES, DAMAGED OR DEFECTIVE LITHIUM BATTERIES, OUR 4G BOXES WITH VERMICULITE ARE THE MOST COST-SAVING!



We have UN-certified 4G boxes also to ship low production runs or prototypes (P910), damaged or defective batteries (P908), and batteries for disposal or recycling (P909). Any 4G box, which has not been approved following a battery-related packing instruction, cannot be considered compliant. We have followed precise criteria of use, to comply with the safety standards written in the regulations. Suitable for anyone who wants to ship in compliance with regular safety standards.

UN-certified 4G box - PG350

	Serpac code	3350-GV-NT (neutral print)	24 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 200x200x395h Inner 186x186x365h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓢ4G/X7.1/S/** - B/SERPAC.412-190219	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
7.1 (X) 10.6 (Y)	To check (see page 32)	PG350 - 4G/X7.1	PP36, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

UN-certified 4G box - PG351

	Serpac code	3351-GV-NT (neutral print)	10 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 345x205x310h Inner 330x190x285h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓢ4G/X11.9/S/** - B/SERPAC.412-190188	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
11.9 (X) 6 (Y)	To check (see page 32)	PG351 - 4G/X11.9	PP36, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

UN-certified 4G box - PG352

	Serpac code	3352-GV-NT (neutral print)	6 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 345x345x310h Inner 330x330x285h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓢ4G/X23.2/S/** - B/SERPAC.412-190189	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
23.2 (X) 13.2 (Y)	To check (see page 32)	PG352 - 4G/X23.2	PP36, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

UN-certified 4G box - PG353

	Serpac code	3353-GV-NT (neutral print)	8 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 400x300x470h Inner 380x280x440h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓢ4G/X32.2/S/** - B/SERPAC.412-180287 Ⓢ4G/X32.2/S/** - B/SERPAC.2151-180287	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
32.2 (X) 13.2 (Y)	To check (see page 32)	PG353 - 4G/X32.2	PP36, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

4G BOXES FOR LITHIUM BATTERIES - WITH VERMICULITE

UN-certified 4G box - PG354

	Serpac code	3354-GV-NT (neutral print)	 2 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 450x450x450h Inner 430x430x420h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/X44/S/** - B/SERPAC.412-120057	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
44 (X) 51.5 (Y)	To check (see page 32)	PG354 - 4G/X44	RB, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

UN-certified 4G box - PG355

	Serpac code	3355-GV-NT (neutral print)	 4 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 600x400x450h Inner 580x380x420h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/X51.5/S/** - B/SERPAC.412-060026 Ⓜ 4G/X51.5/S/** - B/SERPAC.2151-060026	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
51.5	To check (see page 32)	PG355 - 4G/X51.5	RB, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

UN-certified 4G box - PG2024

	Serpac code	4G-85S (neutral print)	 2 units per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 800x600x550h Inner 775x575x502h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/X110/S/** - B/SERPAC.412-200178	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
110	To check (see page 32)	PG2024 - 4G/X110	RB, 50 mm, U

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

UN-certified 4G box - PG806

	Serpac code	3106-GV-NT (neutral print)	 1 unit per stack on pallet 1200x800 mm
	Dimensions (mm)	Outer 1200x800x770h Inner 1170x770x720h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/Y275/S/** - B/SERPAC.412-060033	
	Content	Different lithium batteries	
Max gross weight package kg	Vermiculite thickness between battery and box	Certification / (Extension)	Tape, width, system
275	To check (see page 32)	PG850 - 4G/Y275	RB, 50 mm, H

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

Vermiculite (asbestos-free certified) - non-combustible and electrically non-conductive, thermal insulation material

- Mineral-based inert absorbing material, free from impurities, sterile.
- Non-combustible, electrically non-conductive, thermal insulating.
- Tested together with 4G and 4GV packaging.




Serpac code	Volume / Weight	Thermal conductivity	Bag material	Bag dimensions mm
VER-6100-MED	0,1 m ³ / 10 kg	0,063 W/m·k	PE	50x23x95h

OUR CERTIFIED 4D BOXES WITH VERMICULITE FOR PROTOTYPES, DAMAGED / DEFECTIVE LITHIUM BATTERIES, OR BATTERIES FOR DISPOSAL, ARE THE MOST COST-SAVING!






To ship prototypes or low-run batteries (P910), damaged / defective batteries (P908), and batteries for disposal and recycling (P909) we have certified different 4D wooden boxes. Any 4D box which has not been approved according to the packing instructions of batteries, cannot be considered compliant. We tested all different criteria of use to comply with all related regulations. Suitable for anyone who wants to ship in compliance with regular safety standards.

UN-certified 4D box - D-BOX-10

	Serpac code	D-Box-10 (supplied flat)		 ADR RID ADN IMDG IATA 
	Dimensions (mm)	Outer 420x320x323h Inner 400x300x260h		
	UN certification	4D (plywood box)		
	UN mark	Ⓢ4D/X27.8/S/** - B/SERPAC.1160-190056		
	Content	Lithium battery		
Supplied inners	Max gross weight package kg	Min distance of vermiculite between battery and box	Certification / (Extension)	
Different lithium battery	27.8	To check (see page 32)	D-Box-10 – 4D/X27.8	




*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

UN-certified 4D box - D-BOX-20

	Serpac code	D-Box-20 (supplied flat)		 ADR RID ADN IMDG IATA 
	Dimensions (mm)	Outer 600x400x443h Inner 580x380x380h		
	UN certification	4D (plywood box)		
	UN mark	Ⓢ4D/X63.1/S/** - B/SERPAC.1160-190060		
	Content	Lithium battery		
Supplied inners	Max gross weight package kg	Min distance of vermiculite between battery and box	Certification / (Extension)	
Different lithium battery	63.1	To check (see page 32)	D-Box-20 – 4D/X63.1	

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority


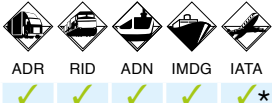
UN-certified 4D box - D-BOX-30

	Serpac code	D-Box-30 (supplied flat)		 ADR RID ADN IMDG IATA 
	Dimensions (mm)	Outer 800x600x490h Inner 780x580x380h		
	UN certification	4D (plywood box)		
	UN mark	Ⓢ4D/X99/S/** - B/SERPAC.1160-190067		
	Content	Lithium battery		
Supplied inners	Max gross weight package kg	Min distance of vermiculite between battery and box	Certification / (Extension)	
Different lithium battery	99	To check (see page 32)	D-Box-30 – 4D/X99	

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority


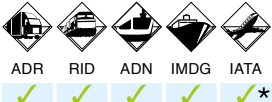
4D BOXES FOR LITHIUM BATTERIES - WITH VERMICULITE

UN-certified 4D box - D-BOX-40

	Serpac code	D-Box-40 (supplied flat)		 ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 800x600x690h Inner 780x580x580h		
	UN certification	4D (plywood box)		
	UN mark	Ⓢ4D/X166/S/** - B/SERPAC.1160-190068		
	Content	Lithium battery		
Supplied inners	Max gross weight package kg	Min distance of vermiculite between battery and box	Certification / (Extension)	
Different lithium battery	166	To check (see page 32)	D-Box-40 – 4D/X166	



*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

UN-certified 4D box - D-BOX-50

	Serpac code	D-Box-50 (supplied flat)		 ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 1200x800x720h Inner 1180x780x580h		
	UN certification	4D (plywood box)		
	UN mark	Ⓢ4D/X280/S/** - B/SERPAC.1160-190069		
	Content	Lithium battery		
Supplied inners	Max gross weight package kg	Min distance of vermiculite between battery and box	Certification / (Extension)	
Different lithium battery	280	To check (see page 32)	D-Box-50 – 4D/X280	


*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

UN-certified 4D box - D-BOX-60


	Serpac code	D-Box-60 (supplied flat)		 ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 1200x800x920h Inner 1180x780x780h		
	UN certification	4D (plywood box)		
	UN mark	Ⓢ4D/X352/S/** - B/SERPAC.1160-190064		
	Content	Lithium battery		
Supplied inners	Max gross weight package kg	Min distance of vermiculite between battery and box	Certification / (Extension)	
Different lithium battery	352	To check (see page 32)	D-Box-60 – 4D/X352	


*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (Pl. 910) with the consent of a competent authority

Vermiculite (asbestos-free certified) - non-combustible and electrically non-conductive, thermal insulation material



Serpac provides Vermiculite 100% asbestos-free





- Mineral-based inert absorbing material, free from impurities, sterile.
- Non-combustible, electrically non-conductive, thermal insulating.
- Tested together with 4G and 4GV packaging.

Serpac code	Volume / Weight	Thermal conductivity	Bag material	Bag dimensions mm
VER-6100-MED	0,1 m ³ / 10 kg	0,063 W/m·k	PE	50x23x95h


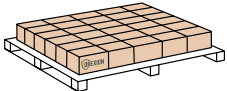

OBEXION MAX 4G BOXES FOR LITHIUM BATTERIES

CERTIFIED FOR LITHIUM BATTERIES, FROM PROTOTYPES TO SEVERELY DAMAGED!

You can use Obexion Max 4G boxes to ship specific batteries of any condition. Certified together with a specific kit, they are suitable and compliant for the shipment of 38.3 tested batteries (P903), low production runs or prototypes (P910), damaged or defective batteries (P908), and batteries for disposal or recycling (P909). They are not suitable for the shipment of severely damaged batteries.






Obexion Max ONU 4G - 1GD

	Serpac code	OBEXMCTP-1GD		30 units per stack on pallet 1200x800 mm   ADR RID ADN IMDG IATA ✓ ✓ ✓ ✓ ✓*
	Dimensions (mm)	Outer 232x127x115h Inner 222x114x101h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓢ4G/X3.0/S/** - USA/S+CQ10669		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Batteries max power	Tape, width, system	
1 general device or battery	3 kg	100 Wh each	-	

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority


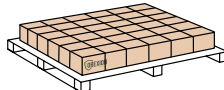

Obexion Max ONU 4G - 3VR3GDR1

	Serpac code	OBEXMG-3VR3GDR1		10 units per stack on pallet 1200x800 mm   ADR RID ADN IMDG IATA ✓ ✓ ✓ ✓ ✓*
	Dimensions (mm)	Outer 381x212x232h Inner 330x177x133h		
	UN certification	4G (fibreboard box)		
	UN mark	Ⓢ4G/X7.1/S/** - USA/S+CQ9728		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Batteries max power	Tape, width, system	
3 mobiles	7,1 kg	24 Wh each	-	
1 tablet	7,1 kg	34 Wh	-	

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority



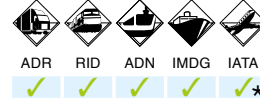
OBEXION MAX 4G BOXES FOR LITHIUM BATTERIES

Obexion Max ONU 4G - 1MP1GD

	Serpac code	OBEXMCTP-1MP1GD		36 units per stack on pallet 1200x800 mm   ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 200x131x60h Inner 190x101x54h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/X1.0/S** - USA/S+CQ10708		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Batteries max power	Tape, width, system	
1 mobile or general device	1 kg	24 Wh each	-	




*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

Obexion Max ONU 4G - 1MP1BT

	Serpac code	OBEXMCTP-1MP1BT		16 units per stack on pallet 1200x800 mm   ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 250x177x73h Inner 228x140x45h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/X1.0/S** - USA/S+CQ10171		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Batteries max power	Tape, width, system	
1 mobile	1 kg	24 Wh each	-	
1 general device or battery	1 kg	100 Wh	-	


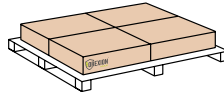

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

Obexion Max ONU 4G - 1LT

	Serpac code	OBEXMCTP-1LT		4 units per stack on pallet 1200x800 mm   ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 470x330x66h Inner 431x312x35h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/X5.0/S** - USA/S+CQ10611		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Batteries max power	Tape, width, system	
1 laptop or tablet	5 kg	100 Wh	-	

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

Obexion Max ONU 4G - 1LT

	Serpac code	OBEXMCNG-1LT		4 units per stack on pallet 1200x800 mm   ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓*
	Dimensions (mm)	Outer 546x362x101h Inner 512x361x98h		
	UN certification	4G (fibreboard box)		
	UN mark	☉4G/X7.0/S** - USA/S+CQ9432		
	Content	Lithium battery		
Inner packaging it has been tested with	Max gross weight	Batteries max power	Tape, width, system	
1 laptop or tablet (max mm 412x304)	7 kg	100 Wh	-	

*Compliant only for the shipment of prototypes or batches ≤ 100 pcs (P.I. 910) with the consent of a competent authority

4G BOXES WITH INNERS

READY TO USE, EVEN FOR SHIPMENTS OF SMALL SAMPLES, SEE THE PROS OF OUR 4G BOXES!

Shipping is quick and easy when using UN-certified 4G boxes with dedicated inners.

These boxes are supplied together with the specific inners they have been tested with to obtain the UN certification. They are suitable for all transport modalities. They can contain different products unless the content and the material of the inner are incompatible.

Always verify the details of use in the technical specification sheets and in the test report.

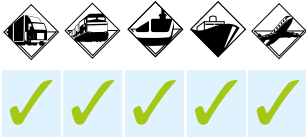


EASY AND QUICK

Ready to use, supplied together with the specific inners they have been tested with.

TRANSPORT MODALITY

Suitable for all transport modalities:



by road ADR
by train RID
by inland waterway ADN
by sea IMDG
by air IATA

ALLOWED INNERS

You can choose among different inners, tested to ship your samples or products. All these inners are compliant with IATA regulations referring to liquids.



VERMICULITE-FREE

That's the best solution to ship your samples without using vermiculite. Cleaner, lighter and cost-saving shipments.



4G INNERS KITS:

Aluminum bottles

4 bottles x 0,625 L
4 bottles x 1,100 L
1 bottles x 6,250 L



HDPE bottles

4 bottles x 0,5 L
4 bottles x 1,0 L



Glass bottles

2 bottles x 1,1 L
4 bottles x 1,1 L
6 bottles x 1,1 L



HDPE jerricans

1 jerrican x 5,0 L



Are you looking for an UN-certified 4G suitable for your inner? We perform customized UN certifications!




See page 8






4G BOXES WITH INNERS






UN-certified 4G box - PG982/05AL (4 x 0,625 Aluminum)

	Serpac code	4G-3982-05AL		<p>24 units per stack on pallet 1200x800 mm</p>   <p>ADR RID ADN IMDG IATA</p> <p>✓ ✓ ✓ ✓ ✓</p>
	Dimensions (mm)	Outer 190x190x270h Inner 182x182x251h		
	UN certification	4G (fibreboard box)		
	UN mark	④ 4G/Y7/S/** - B/SERPAC.412-110271		
	Content	Liquid or solid substances		
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system	
4 Aluminum bottles 0,625 L each	7 kg	PG982 – 4G/Y7	PP36, 50 mm, U	




UN-certified 4G box - PG982/12AL (4 x 1,1 Aluminum)

	Serpac code	4G-3982-12AL		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 190x190x270h Inner 182x182x251h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y7/S/** - B/SERPAC.412-110271		
	Content	Liquid or solid substances		
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system	
4 Aluminum bottles 1,1 L each	7 kg	(PG515 – 4G/Y7)	PP36, 50 mm, U	




UN-certified 4G box - PG516/60AL (1 x 6,250 Aluminum)

	Serpac code	4G-3516-60AL		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 200x200x380h Inner 190x190x360h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y8.6/S/** - B/SERPAC.412-170054		
	Content	Liquid or solid substances		
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system	
1 Aluminum bottle 6,250 L	8.6 (Y) 12.6 (Z) kg	PG516 – 4G/Y8.6	-	

UN-certified 4G box - PG982/05PE (4 x 0,5 HDPE)



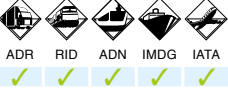
	Serpac code	4G-3982-05PE		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 190x190x270h Inner 182x182x251h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y7/S/** - B/SERPAC.412-110271		
	Content	Liquid or solid substances		
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system	
4 HDPE bottles 0,5 L each	7 kg	PG982 – 4G/Y7	PP36, 50 mm, U	

UN-certified 4G box - PG982/10PE (4 x 1 HDPE)

	Serpac code	4G-3982-10PE		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 190x190x270h Inner 182x182x251h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y7/S/** - B/SERPAC.412-110271		
	Content	Liquid or solid substances		
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system	
4 HDPE bottles 1 L each	7 kg	PG982 – 4G/Y7	PP36, 50 mm, U	




4G BOXES WITH INNERS

UN-certified 4G box - PG982/50PE (1 x 5 HDPE)




	Serpac code	4G-3982-50PE		<p>24 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 190x190x270h Inner 182x182x251h		
	UN certification	4G (fibreboard box)		
	UN mark	☉ 4G/Y7/S/** - B/SERPAC.412-110271		
	Content	Liquid or solid substances		
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system	
HDPE jerrican 5 L	7 kg	PG982 – 4G/Y7	PP36, 50 mm, U	






UN-certified 4G box - PG511/10V1 (2 x 1,1 Glass)

	Serpac code	4G-3511-10V1	<p>20 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 305x165x325h Inner 293x150x300h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/X6.2/S/** - B/SERPAC.412-170064	
	Content	Liquid or solid substances	
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system
2 Glass bottles 1,1 L each	6.2(X) 8(Y) 10.8(Z) kg	PG511 – 4G/X6.2	PP36, 50 mm, U

UN-certified 4G box - PG512/10V1 (4 x 1,1 Glass)

	Serpac code	4G-3512-10V1	<p>8 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 305x165x325h Inner 293x150x300h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/X12/S/** - B/SERPAC.412-170065	
	Content	Liquid or solid substances	
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system
4 Glass bottles 1,1 L each	12(X) 15.8(Y) 21.5(Z) kg	PG512 – 4G/X12	PP36, 50 mm, U

UN-certified 4G box - PG513/10V1 (6 x 1,1 Glass)

	Serpac code	4G-3513-10V1	<p>5 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 425x300x325h Inner 438x293x300h	
	UN certification	4G (fibreboard box)	
	UN mark	Ⓜ 4G/X18/S/** - B/SERPAC.412-170066	
	Content	Liquid or solid substances	
Supplied inners	Max gross weight	Certification / (Extension)	Tape, width, system
6 Glass bottles 1,1 L each	18(X) 23.7(Y) 32.2(Z) kg	PG513 – 4G/X18	PP36, 50 mm, U

Do you use CLP labels on your packages?

Check on our customized CLP labels!



BOXES FOR THE TRANSPORT IN LIMITED QUANTITIES ACCORDING TO CHAPTER 3.4 ADR / RID / ADN / IMDG

To ship in "Limited Quantities", according to chapter 3.4 in ADR, RID, ADN, and IMDG, one must check that the external packaging is designed as so to satisfy the relevant manufacturing requirements as prescribed in 6.1.4 (ADR, RID, ADN 3.4.1(F), IMDG 3.4.1.2.6).



BEWARE: any fibreboard packaging might be non-suitable if not designed as so to satisfy all the technical requirements written in 6.1.4

BOXES TO SHIP IN LIMITED QUANTITIES AVAILABLE IN STOCK:

Type	Serpac code	Inner dimensions mm	Outer dimensions mm	Max weight package kg	Quantity for package N°	Package format mm	Quantity for pallet N°	Pallet format mm	Pallet weight kg
SCN807	SCN-0807-NT	280x180x230h	300x200x260 h	9	17	500x460x252 h	528	1300x1000x1300 h	180
SCN808	SCN-0808-NT	380x280x230h	400x300x260 h	16	17	730x660x252 h	360	1200x800x1300 h	180
SCN803	SCN-0803-NT	380x280x440h	400x300x470 h	27	12	700x750x168 h	168	1350x800x1300 h	230
SCN804	SCN-0804-NT	390x390x280 h	400x400x300 h	30	22	800x700x168 h	264	1400x800x1300 h	210
SCN813	SCN-0813-NT	580x380x275h	600x400x300 h	30	12	1000x700x168 h	168	1350x1000x1250 h	290
SCN802	SCN-0802-NT	580x380x420h	600x400x450 h	30	12	1000x850x168 h	168	1650x1000x1300 h	345
SCN805	SCN-0805-NT	780x580x425h	800x600x455 h	30	5	1400x1050x70 h	80	1400x1050x1300 h	305
SCN806	SCN-0806-NT	1170x770x720h	1200x800x770 h	30	3	2000x1600x75 h	45	2000x1550x1250 h	440

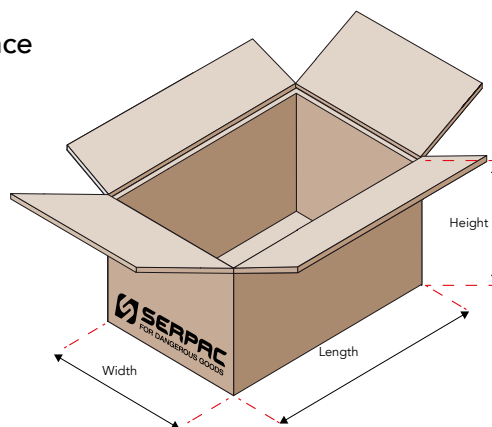
Request technical features and pricelist at +39 02 218 71 585 / +39 02 455 06 456 - sales@serpac.it

COULDN'T FIND A BOX SUITABLE FOR YOUR GOODS?

Thanks to our specific certifications and our long-term experience in the packaging field, Serpac can produce also non-certified boxes, which are anyway suitable for the transport in Limited Quantities, as written in chapters 3.4 and 2.7.

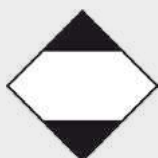
CHECK ON OUR CUSTOMIZED BOXES, MINIMUM ORDER 200 PIECES

SEND US PRECISE LENGTH, WIDTH, AND HEIGHT OF YOUR BOX! SALES@SERPAC.IT



LQ marks

See page 108



ICAO-TI / IATA LQ marks

See page 108



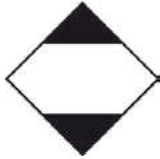

BOXES FOR THE TRANSPORT IN LIMITED QUANTITIES ACCORDING TO CHAPTER 2.7 ICAO-TI / IATA

The compliant boxes to ship in Limited Quantities ADR, RID, ADN, and IMDG are suitable also for the shipments in "Limited Quantities" by air, according to chapter 2.7 IATA, since they are made in compliance with the manufacturing instructions prescribed at 6.2 (IATA 2.7.5.5) and they respect the general packaging requirements as in IATA from 5.0.2 al 5.0.4 except 5.0.2.3, 5.0.2.5, 5.0.2.11 and 5.0.2.14.2 (IATA 2.7.5.1).



BEWARE: to ship in Limited Quantities by air the package ready for shipments must successfully pass a drop test from 1,2 meters and a stacking test at 3 meters.

LIMITED QUANTITIES SHIPMENTS INSTRUCTIONS

Regulations	Marking	Inner packaging	Outer packaging	Document of transport
by road ADR	 100x100 mm	It must contain a quantity ≤ to that indicated in the column 7a of "Table A" of dangerous goods (Chapter 3.2)	The outer packaging must be conform to chapter 6.1.4 as prescribed at 3.4.1 (f) Attention: an ordinary fibreboard packaging might be non-suitable The package ready to be shipped must not weigh more than 30 kg (gross weight)	It is not required but it is important to signal to the carrier, as to leave a trace of the total gross mass of the goods to be transported.
by train RID				
by inland waterway ADN				
by sea IMDG	Border thickness: mm 2 The marking must be easily visible, legible and capable to resist the exposition to severe weather without a reduction of its efficiency.	It must contain a quantity ≤ to that indicated in the column 7a of "Table A" of dangerous goods (Chapter 3.2)	The outer packaging must be conform to chapter 6.1.4 as prescribed at 3.4.1.2.6 Attention: an ordinary cardboard packaging cannot be suitable The package ready to be shipped must not weigh more than 30 kg	It is required the Multimodal dangerous goods form in limited quantities
by air ICAO-TI / IATA	UN e PSN + Hazard labels (list Cap. 4.2, column D) +  100x100 mm + Addresses of shipper and consignee	It must contain a quantity ≤ to that indicated in the packing instructions in column G of dangerous goods list (chapter 4.2) If containing liquids it must be certified 95kPa	It must respect the dispositions of chapter 6.2 and the general packing requirements from 5.0.2 to 5.0.4 (except for 5.0.2.3, 5.0.2.5, 5.0.2.11 and 5.0.2.14.2) <u>The package ready to be shipped must successfully pass a drop test from 1,2 meters and a stacking test from 3 meters for 24 hours as described in chapter 2.7</u> It must contain a total net quantity ≤ to that indicated in column H of "List of dangerous goods" (chapter 4.2) The package ready to be shipped must not weigh more than 30 kg (gross weight)	It is required the Shipper's Declaration

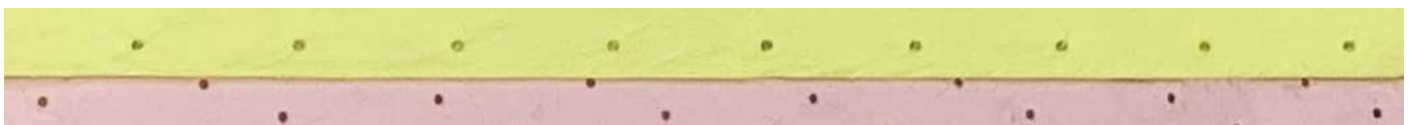
Attention: Combination packaging having inner packaging containing liquids, must be clearly marked with orientation arrows on the 2 opposite vertical sides of the package, as prescribed at 3.4.1 (e) of regulations ADR, RID e ADN and at chapter 3.4.1.2.5 of IMDG code.

SAFE&CLEAN 4GV BOXES - VERMICULITE-FREE

See page 50

Safe&Clean is the name of a wide range of 4GV boxes, approved without vermiculite. Supplied with a specific kit made of SR foam and absorbing pads, they let you ship samples cleanly and compliantly.

Type	Outer dimensions mm	Serpac code (flat)	Serpac code (assembled)
PGV350	200x200x380h	3350-GV-NT	✗
PGV351	345x205x310h	3351-GV-NT	✗
PGV352	345x345x310h	3352-GV-NT	✗
PGV353	400x300x470h	3353-GV-NT	✗
PGV354	450x450x450h	3354-GV-NT	✗
PGV355	600x400x450h	3355-GV-NT	✗



4GV BOXES WITH ABSORBING PAD - VERMICULITE-FREE

See page 56

To ship a single bottle, you may use the 4GV box with an absorbing pad, approved without vermiculite. Supplied with a specific kit made of fibreboard die-cut pieces and an absorbing pad, it lets you ship clean and compliantly your samples.

Type	Outer dimensions mm	Serpac code (flat)	Serpac code (assembled)
PGV81	200x200x380h	4GV-81K-NT	✗



4GV AMERICAN BOXES - WITH VERMICULITE

See page 64

UN-certified 4GV American boxes, typically used with Vermiculite. American RSC boxes require the use of adhesive tape to close the box.



Type	Outer dimensions mm	Serpac code (flat)	Serpac code (assembled)
PGV350	200x200x380h	3350-GV-NT	✗
PGV351	345x205x310h	3351-GV-NT	✗
PGV352	345x345x310h	3352-GV-NT	✗
PGV353	400x300x470h	3353-GV-NT	✗
PGV354	450x450x450h	3354-GV-NT	✗
PGV355	600x400x450h	3355-GV-NT	✗
PGV85	800x600x550h	4GV-85S-NT	✗
PGV87	1200x800x770h	3106-GV-NT	✗



4GV DIE-CUT BOXES - WITH VERMICULITE

See page 58

UN-certified 4GV die-cut box, typically used with Vermiculite. Die-cut boxes require the use of adhesive tape to close the box partially, packaging is therefore easier.



Type	Outer dimensions mm	Serpac code (flat)	Serpac code (assembled)
PGV80	150x150x305h	4GV-80S	4GV-80A
PGV81	200x200x380h	4GV-81S	4GV-81A
PGV86	340x340x340h	4GV-86S	4GV-86A
PGV82	400x300x390h	4GV-82S	4GV-82A
PGV83	400x400x395h	4GV-83S	4GV-83A
PGV84	600x400x480h	4GV-84S	4GV-84A

THE EVOLUTION OF 4GV BOXES: LIGHT, SIMPLE AND CLEAN!

4GV boxes are the ideal solution to ship any type of inners. With Safe&Clean boxes, you can avoid inserting Vermiculite, and use an innovative system made of SR foam and absorbing pads.

Safe&Clean 4GV boxes are ideal to ship and work most cleanly and easily.



TECHNICAL FEATURES

Type	Code	Inner dimensions mm	Outer dimensions mm	Max gross weight kg Inner	Max gross weight kg Package	Absorbing (liters)	Min. distance in length and width [A]	Min. distance in height [B]	Tape, Closing
* PGV350	3350-GV-SC	186x186x365h	200x200x395h	2,8	3,5	1	22 mm	22 mm	PP 50 mm, U
* PGV351	3351-GV-SC	330x190x285h	345x205x310h	4	4,9	2	44 mm	22 mm	PP 50 mm, U
* PGV352	3352-GV-SC	330x330x285h	345x345x310h	8	9,5	4	44 mm	22 mm	PP 50 mm, U
PGV353	3353-GV-SC	380x280x440h	400x300x470h	7,5	9,5	10	44 mm	22 mm	PP 50 mm, U
PGV354	3354-GV-SC	430x430x420h	450x450x450h	16	19	20	44 mm	44 mm	RB 50 mm, U
PGV355	3355-GV-SC	580x380x420h	600x400x450h	18,5	22,5	20	44 mm	44 mm	RB 50 mm, U

VERMICULITE-FREE

Pads and SR foam substitute vermiculite making the packaging more compact, lighter and above all cleaner.



V-CERTIFIED

The letter V indicates a special packaging, see chapter: *ADR 6.1.2.4, RID 6.1.2.4, ADN 6.1.2.4, IMDG 6.1.2.4, IATA 6.0.3.6.1.*

OBJECTS AND INNERS OF ANY TYPE

Our UN 4GV boxes are suitable to ship objects or any type of inner packaging, both solid and liquid for packaging groups I, II, and III.



TRANSPORT MODALITY

Suitable for all transport modalities:



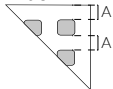
by road ADR
by train RID
by inland waterway ADN
by sea IMDG
by air IATA



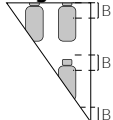
INSTRUCTIONS OF USE

- 1 The maximum weight of the inner package must be less than or equal to the indicated one;
- 2 All the minimum distances must be respected;
- 3 In the case of Liquids, the liters to be inserted must be less than or equal to the allowed maximum quantity;
- 4 The weight of the package must be less than or equal to the indicated one.

Length and width



Height



*** Special notices:**

PGV350 only one inner per layer can be inserted.
PGV351 more inners can be inserted, but only on one layer.
PGV352 more inners can be inserted, but only on one layer.

WHY CHOOSE VERMICULITE-FREE 4GV BOXES?

CLEAN

Safe&Clean 4GV boxes are tested together with a special cushioning and absorbing kit that does not require the use of Vermiculite.

Protect your inners from impurities and dust, avoiding further cleaning operations.

ADD VALUE TO YOUR PRODUCTS, SHIP IN A CLEANER WAY



LIGHT

Compared to the classic version of UN-certified 4GV boxes with Vermiculite, 4GV Safe&Clean boxes are much lighter.

Lighter means...more cost-saving.

SAVE ON SHIPPING COSTS WITH LIGHTER AND SMALLER BOXES



INNOVATIVE






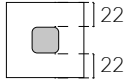
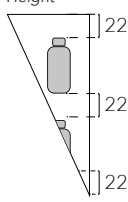

These are the only UN-certified 4GV boxes on the market that do not require the use of Vermiculite.

They are versatile and can contain inners of any shape.



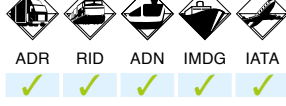


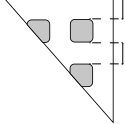
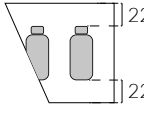

EASY, HANDY, AND QUICK TO PREPARE







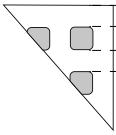
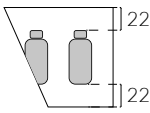

UN-certified 4GV box - PGV350

	Serpac code	3350-GV-SC (flat with Safe&Clean kit)		<p>24 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 200x200x395h Inner 186x186x365h		
	UN certification	4GV (fibreboard box)		
	UN mark	☠4GV/X4.3/S/** - B/SERPAC.412-190219		
	Content	Objects and inner packaging		
	Absorbing liters	1		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		3.5 kg	(PGV350 - 4GV/X3.5/S)	PP36, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 2,8 kg	 MAX 3,5 kg	<p>Length and width</p> 	<p>Height</p> 	





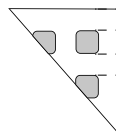
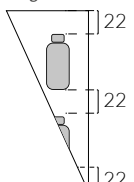

UN-certified 4GV box - PGV351

	Serpac code	3351-GV-SC (flat with Safe&Clean kit)		<p>10 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 345x205x310h Inner 330x190x285h		
	UN certification	4GV (fibreboard box)		
	UN mark	☠4GV/X7.9/S/** B/SERPAC.412-190188		
	Content	Objects and inner packaging		
	Absorbing liters	2		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		4.9 kg	(PGV351 - 4GV/X4.9/S)	PP36, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 4 kg	 MAX 4,9 kg	<p>Length and width</p> 	<p>Height</p> 	



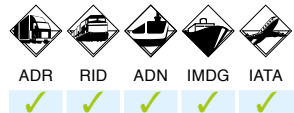


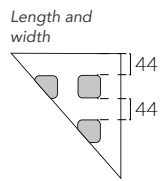
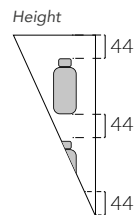

UN-certified 4GV box - PGV352

	Serpac code	3352-GV-SC (flat with Safe&Clean kit)		<p>6 units per stack on pallet 1200x800 mm</p> 	
	Dimensions (mm)	Outer 345x345x310h Inner 330x330x285h			
	UN certification	4GV (fibreboard box)			
	UN mark	☉4GV/X13.2/S/** - B/SERPAC.412-190189			
	Content	Objects and inner packaging			
	Absorbing liters	4			
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system	
Any object or inner packaging		9.5 kg	(PGV352 - 4GV/X9.5/S)	PP36, 50 mm, U	
Gross weight inner(s)		Gross weight package ready for shipment		Min distance (mm)	Instructions of use
 <p>MAX 8 kg</p>		 <p>MAX 9,5 kg</p>		<p>Length and width</p>  <p>Height</p> 	






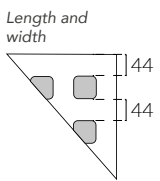
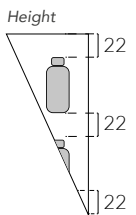

UN-certified 4GV box - PGV353

	Serpac code	3353-GV-SC (flat with Safe&Clean kit)		<p>8 units per stack on pallet 1200x800 mm</p> 	
	Dimensions (mm)	Outer 400x300x470h Inner 380x280x440h			
	UN certification	4GV (fibreboard box)			
	UN mark	☉4GV/X8.7/S/** B/SERPAC.412-180287 ☉4GV/X8.7/S/** B/SERPAC.2151-180287			
	Content	Objects and inner packaging			
	Absorbing liters	10			
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system	
Any object or inner packaging		9.5 kg	(PGV353 - 4GV/X9.5/S)	PP36, 50 mm, U	
Gross weight inner(s)		Gross weight package ready for shipment		Min distance (mm)	Instructions of use
 <p>MAX 7,5 kg</p>		 <p>MAX 9,5 kg</p>		<p>Length and width</p>  <p>Height</p> 	

UN-certified 4GV box - PGV354

	Serpac code	3354-GV-SC (flat with Safe&Clean kit)		2 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 450x450x450h Inner 430x430x420h		
	UN certification	4GV (fibreboard box)		
	UN mark	☉4GV/X26.5/S/** - B/SERPAC.412-120057		
	Content	Objects and inner packaging		
	Absorbing liters	20		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		19 kg	(PGV354 - 4GV/X19/S)	RB, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 16 kg	 MAX 19 kg	Length and width 	Height 	

UN-certified 4GV box - PGV355

	Serpac code	3355-GV-SC (flat with Safe&Clean kit)		4 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 600x400x450h Inner 580x380x420h		
	UN certification	4GV (fibreboard box)		
	UN mark	☉4GV/X31.4/S/** B/SERPAC.412-060026 ☉4GV/X31.4/S/** B/SERPAC.2151-060026		
	Content	Objects and inner packaging		
	Absorbing liters	20		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		22.5 kg	(PGV355 - 4GV/X22.5/S)	RB, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 18,5 kg	 MAX 22,5 kg	Length and width 	Height 	

4GV BOXES WITH ABSORBING PAD

A CLEAN 4GV BOX TO SHIP A SINGLE BOTTLE

Designed specifically to ship samples in a max 1.2 L bottle. The pad guarantees cleanliness, as well as absorption of acid, caustic and unknown substances, and even corrosive liquids in high concentrations, for instance, 98% of sulfuric acid or 30% of sodium hydroxide.

They are supplied flat or ready to use (assembled).



ABSORBING PAD KIT





OBJECTS AND INNERS OF ANY TYPE

The UN-certified 4GV boxes are suitable to ship any objects or any type of inner packagings for liquid or solid materials of packing group I, II, III.



This box can contain only one inner packaging of maximum 1.2 liters.

V-CERTIFIED

The letter V indicates a special packaging, see chapter: *ADR 6.1.2.4, RID 6.1.2.4, ADN 6.1.2.4, IMDG 6.1.2.4, IATA 6.0.3.6.1.*

TRANSPORT MODALITY

Suitable for all transport modalities:



by road *ADR*
by train *RID*
by inland waterway *ADN*
by sea *IMDG*
by air *IATA*

UN-certified 4GV box - PGV81

	Serpac code	4GV-81K-NT (assembled with absorbing pad)		24 units per stack on pallet 1200x800 mm ADR RID ADN IMDG IATA
	Dimensions (mm)	Outer 200x200x380h Inner 190x190x335h		
	UN certification	4GV (fibreboard box)		
	UN mark	☉ 4GV/X4/S/** B/SERPAC.412-060035		
	Content	Objects and inner packaging		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Any object or inner packaging	3.10 kg	PGV81 - 4GV/X4	-	
Gross weight inner	Gross weight package ready for shipment	Max dimension inner	Instructions of use	

CLASSIC 4GV BOXES WITH VERMICULITE – DIE-CUT VERSION

It is possible to use die-cut 4GV boxes to ship any object or inner more efficiently: the use of adhesive tape is very limited.

UN-certified die-cut 4GV boxes with Vermiculite are available both flat and assembled.

Tips to choose the right 4GV packaging

See page 79



TECHNICAL FEATURES

Type	Serpac code (assembled)	Serpac code flat	Inner dimensions mm	Outer dimensions mm	On pallet 120x80 there are boxes (assembled) nr.	Gross weight inners packages* max. kg	Gross weight package ready for shipment max. kg	Minimum distance between containers and / or walls, base / cover (in all directions)	UN certification	Adhesive tape
PGV80	4GV-80A	4GV-80S	140x140x285h	150x150x305h	40	1,75	2,75	20 mm	4GV/X2.75/S	NO
PGV81	4GV-81A	4GV-81S	190x190x355h	200x200x380h	24	2,4	4,0	20 mm	4GV/X4/S	NO
PGV86	4GV-86A	4GV-86S	330x330x310h	340x340x340h	6	9,5	14,5	25 mm	4GV/X14.5/S	PP 50 mm
PGV82	4GV-82A	4GV-82S	390x290x360h	400x300x390h	8	8,5	14,0	20 mm	4GV/X14/S	NO
PGV83	4GV-83A	4GV-83S	390x390x365h	400x400x395h	6	11,0	17,0	20 mm	4GV/X17/S	NO
PGV84	4GV-84A	4GV-84S	590x390x440h	600x400x480h	4	20,0	33,0	40 mm	4GV/X36/S	PP 50 mm
PGV84	4GV-84A	4GV-84S	590x390x440h	600x400x480h	4	22,0	36,0	40 mm	4GV/X36/S	Reinforced bidirectional

You can request the details and price list at +39 02 218 71 585 / +39 02 455 06 456 - sales@serpac.it

INSTRUCTIONS OF USE

Follow the instructions printed on the flaps of the box to prepare and correctly seal the UN-certified 4GV box.

OBJECTS AND INNERS OF ANY TYPE

Our UN 4GV boxes are suitable to ship objects or any type of inner packaging, both solid and liquid for packaging groups I, II, and III.



TRANSPORT MODALITY

Suitable for all transport modalities:



by road ADR
by train RID
by inland waterway ADN
by sea IMDG
by air IATA

V-CERTIFIED

The letter V indicates a special packaging, see chapter: ADR 6.1.2.4, RID 6.1.2.4, ADN 6.1.2.4, IMDG 6.1.2.4, IATA 6.0.3.6.1.



BOXES SUPPLY

FLAT
(with 2 PE bags)



ASSEMBLED
(with Vermiculite
+ 1 PE bag)





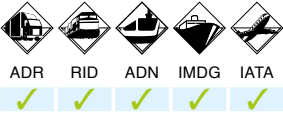


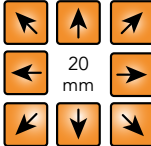
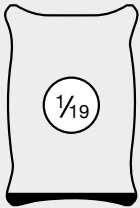
Purchase option of just a few pieces to prepare your combination packaging. Almost all sizes allow you to stack evenly on pallets.

DIE-CUT BOXES



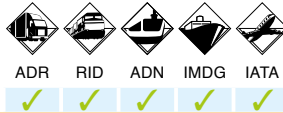


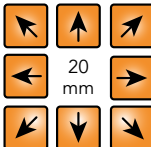
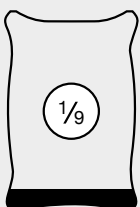
Fibreboard die-cut boxes are the result of a tool called die (or punch), which is used to produce jointed boxes, which are easy to assemble and require limited use of adhesive tape.

DIE-CUT 4GV BOXES WITH VERMICULITE




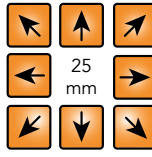
UN-certified 4GV box - PGV80

	Serpac code	4GV-80A (supplied assembled with 1 PE bag) 4GV-80S (supplied flat with 2 PE bags)	<p>40 units per stack on pallet 1200x800 mm</p> 	
	Dimensions (mm)	Outer 150x150x305h Inner 140x140x285h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓢ 4GV/X2.75/S/** - B/SERPAC.412-090136		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		2.75 kg	PGV80 - 4GV/X2.75	-
				
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)	Instructions of use	
 <p>MAX 1,75 kg</p>	 <p>MAX 2,75 kg</p>	<p>(in all directions)</p> 	 <p>Vermiculite bag</p>	






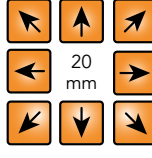
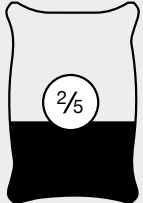
UN-certified 4GV box - PGV81

	Serpac code	4GV-81A (supplied assembled with 1 PE bag) 4GV-81S (supplied flat with 2 PE bags)	<p>24 units per stack on pallet 1200x800 mm</p> 	
	Dimensions (mm)	Outer 200x200x380h Inner 190x190x355h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓢ 4GV/X4/S/** - B/SERPAC.412-060035		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		4 kg	PGV81 - 4GV/X4	-
				
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)	Instructions of use	
 <p>MAX 2,4 kg</p>	 <p>MAX 4 kg</p>	<p>(in all directions)</p> 	 <p>Vermiculite bag</p>	

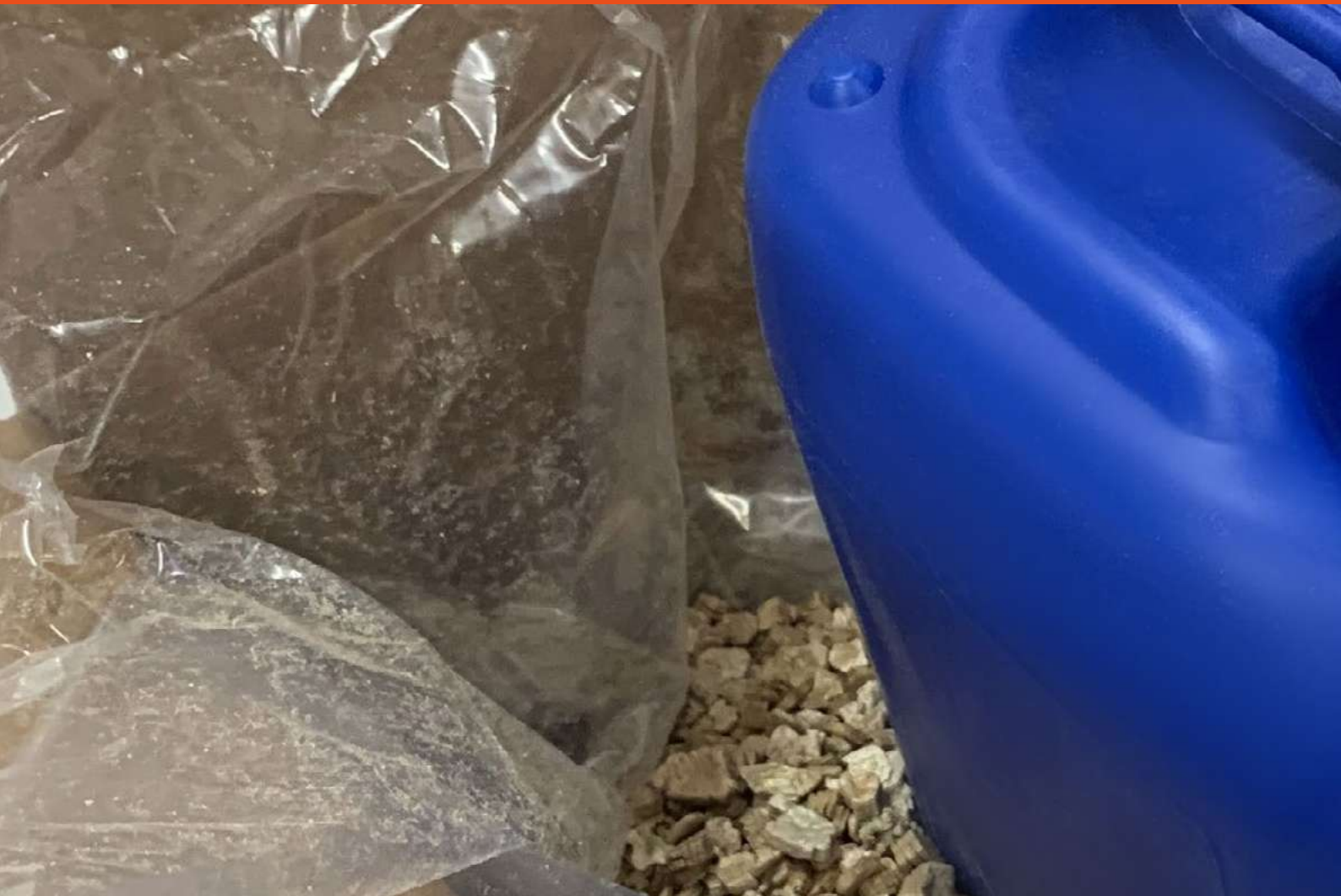
UN-certified 4GV box - PGV86

	Serpac code	4GV-86A (supplied assembled with 1 PE bag) 4GV-86S (supplied flat with 2 PE bags)		<p>6 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 340x340x340h Inner 330x330x310h		
	UN certification	4GV (fibreboard box)		
	UN mark	♻️4GV/X14.5/S/** - B/SERPAC.412-130035		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		14.5 kg	PGV86 - 4GV/X14.5	PP36, 50 mm
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 9,5 kg	 MAX 14,5 kg	(in all directions) 		 Vermiculite bag

UN-certified 4GV box - PGV82

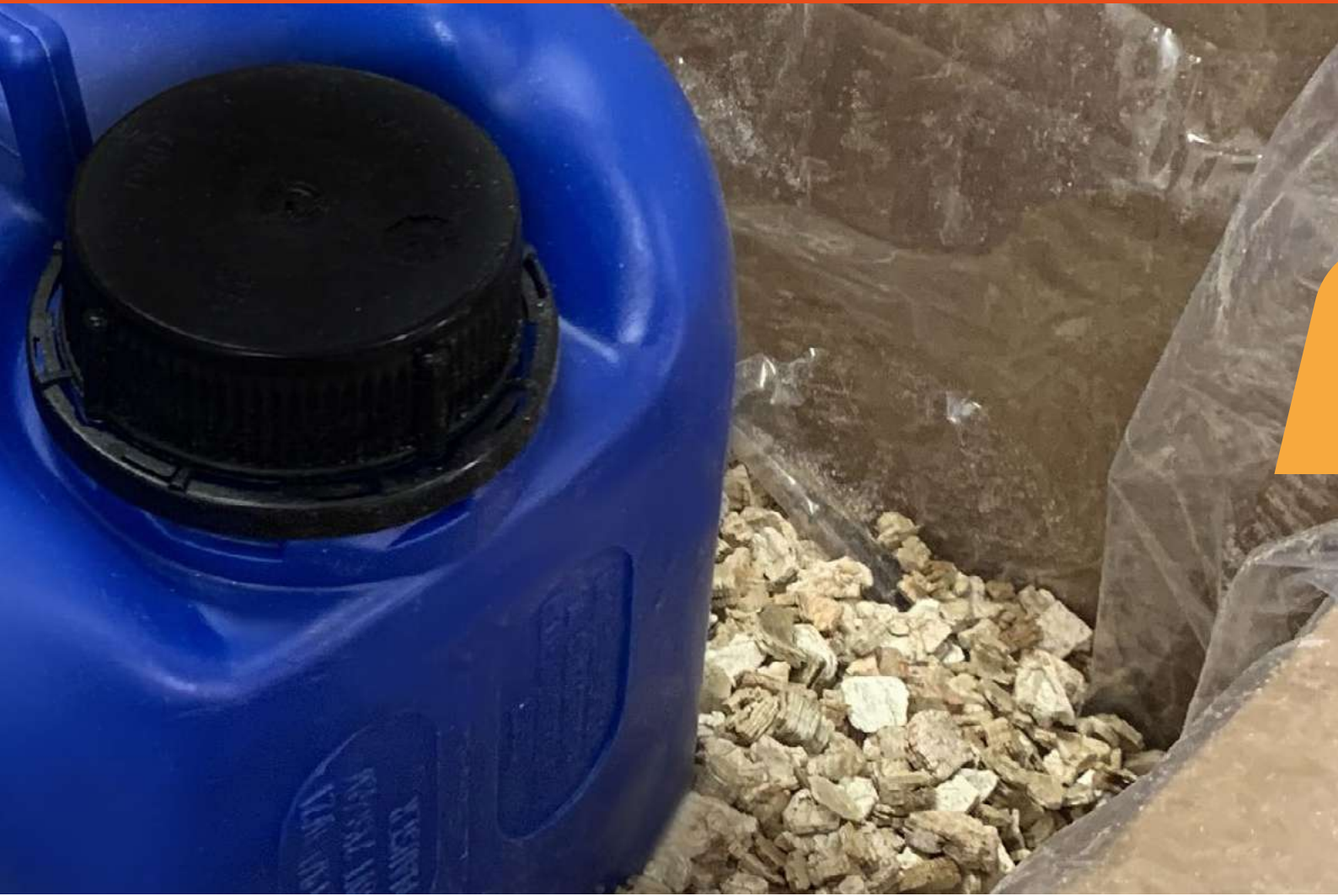
	Serpac code	4GV-82A (supplied assembled with 1 PE bag) 4GV-82S (supplied flat with 2 PE bags)		<p>8 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 400x300x390h Inner 390x290x360h		
	UN certification	4GV (fibreboard box)		
	UN mark	♻️4GV/X14/S/** - B/SERPAC.412-060036		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		14 kg	PGV82 - 4GV/X14	-
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 8,5 kg	 MAX 14 kg	(in all directions) 		 Vermiculite bag

DIE-CUT 4GV BOXES WITH VERMICULITE






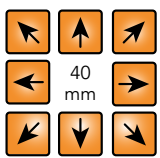
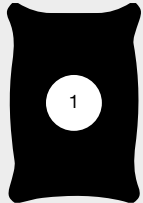


UN-certified 4GV box - PGM83

	Serpac code	4GV-83A (supplied assembled with 1 PE bag) 4GV-83S (supplied flat with 2 PE bags)		<p>6 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 400x400x395h Inner 390x390x365h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓢ4GV/X17/S/** - B/SERPAC.412-060034		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		17 kg	PGV83 - 4GV/X17	-
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 <p>MAX 11 kg</p>	 <p>MAX 17 kg</p>	<p>(in all directions)</p> 		 <p>Vermiculite bag</p>



UN-certified 4GV box - PGV84

	Serpac code	4GV-84A (supplied assembled with 1 PE bag) 4GV-84S (supplied flat with 2 PE bags)		<p>4 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 600x400x480h Inner 590x390x440h		
	UN certification	4GV (fibreboard box)		
	UN mark	☉4GV/X36/S/** - B/SERPAC.412-060063		
	Content	Objects and inner packaging		
Inner packaging it has been tested with	Max gross weight	Certification / (Extension)	Tape, width, system	
Any object or inner packaging	33 kg	PGV84 - 4GV/X36	PP36, 50 mm	
Any object or inner packaging	36 kg	PGV84 - 4GV/X36	RB, 50 mm	
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)	Instructions of use	
 <p>MAX 2,4 kg</p>	 <p>MAX 4 kg</p>	<p>(in all directions)</p> 	 <p>Vermiculite bag</p>	

CLASSIC 4GV BOXES WITH VERMICULITE – AMERICAN VERSION

It is possible to use American 4GV boxes to ship any object or inner: the use of adhesive tape is required to close the box.

UN-certified American 4GV boxes with Vermiculite are supplied only flat.

**Tips to choose
the right 4GV
packaging**

See page 79



TECHNICAL FEATURES

Type	Codice	Inner dimensions mm	Outer dimensions mm	Max gross weight kg Inner	Max gross weight kg Package	Min distance (mm)*	UN certification	Tape closing	Q.ty per package
PGV350	3350-GV-NT	186x186x365h	200x200x395h	2,8	4,3	33	4GV/X4.3/S	PP 50 mm, U	30
PGV351	3351-GV-NT	330x190x285h	345x205x310h	4	7,9	45	4GV/X7.9/S	PP 50 mm, U	25
PGV352	3352-GV-NT	330x330x285h	345x345x310h	10	13,2	25	4GV/X13.2/S	PP 50 mm, U	25
PGV353	3353-GV-NT	380x280x440h	400x300x470h	13,5	18,7	41	4GV/X18.7/S	RB 50 mm, U	12
PGV354	3354-GV-NT	430x430x420h	450x450x450h	17,5	26,5	50	4GV/X26.5/S	RB 50 mm, U	15
PGV355	3355-GV-NT	580x380x420h	600x400x450h	20,6	31,4	55	4GV/X31.4/S	RB 50 mm, U	12
PGV85	4GV-85S-NT	775x575x502h	800x600x550h	45	78	60	4GV/X78/S	RB 50 mm, U	10
PGV87	3106-GV-NT	1170x770x720h	1200x800x770h	122	191	90	4GV/X191/S	RB 50 mm, HRE	3

*In the column minimum distance, the value refers to the minimum distance between containers and / or bottom / lid walls (in all directions).

INSTRUCTIONS OF USE

Follow the instructions printed on the flaps of the box to prepare and correctly seal the UN-certified 4GV box.

OBJECTS AND INNERS OF ANY TYPE

Our UN 4GV boxes are suitable to ship objects or any type of inner packaging, both solid and liquid for packaging groups I, II, and III.



V-CERTIFIED

The letter V indicates a special packaging, see chapter: *ADR 6.1.2.4, RID 6.1.2.4, ADN 6.1.2.4, IMDG 6.1.2.4, IATA 6.0.3.6.1.*

TRANSPORT MODALITY

Suitable for all transport modalities:



by road *ADR*
by train *RID*
by inland waterway *ADN*
by sea *IMDG*
by air *IATA*



BOXES SUPPLY

Packed flat
(without bag)



Flat on pallets
(without bag)





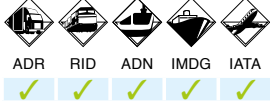


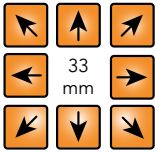
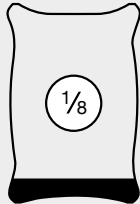
Purchase option of just a few pieces to prepare your combination packaging. Almost all sizes allow you to stack evenly on pallets.

AMERICAN BOXES





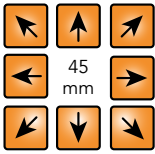
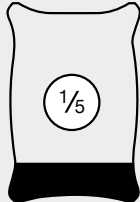
American boxes are the less complicated to produce, but they require the use of adhesive tape to be close. It is necessary to use a specific adhesive tape defined during UN certification tests.

AMERICAN 4GV BOXES WITH VERMICULITE






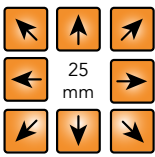
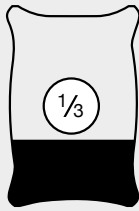
UN-certified 4GV box - PGV350

	Serpac code	3350-GV-NT (supplied without bag)		24 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 200x200x395h Inner 186x186x365h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓜ4GV/X4.3/S/** - B/SERPAC.412-190219		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		4.3 kg	PGV80 - 4GV/X4.3	PP36, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 2,8 kg	 MAX 4,3 kg	(in all directions) 		 Vermiculite bag






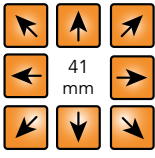
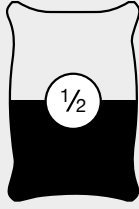
UN-certified 4GV box - PGV351

	Serpac code	3351-GV-NT (supplied without bag)		10 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 345x205x310h Inner 330x190x285h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓜ4GV/X7.9/S/** - B/SERPAC.412-190188		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		7.9 kg	PGV351 - 4GV/X7.9	PP36, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Min distance (mm)		Instructions of use
 MAX 4 kg	 MAX 7,9 kg	(in all directions) 		 Vermiculite bag

UN-certified 4GV box - PGV352

	Serpac code	3352-GV-NT (supplied without bag)		6 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 345x345x310h Inner 330x330x285h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓜ4GV/X13.2/S/** - B/SERPAC.412-190189		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		13.2 kg	PGV352 - 4GV/X13.2	PP36, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 10 kg	 MAX 13,2 kg	(in all directions) 		 Vermiculite bag






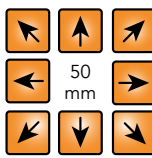
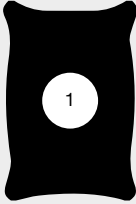
UN-certified 4GV box - PGV353

	Serpac code	3353-GV-NT (supplied without bag)		8 units per stack on pallet 1200x800 mm  
	Dimensions (mm)	Outer 400x300x470h Inner 380x280x440h		
	UN certification	4GV (fibreboard box)		
	UN mark	Ⓜ4GV/X18.7/S/** - B/SERPAC.412-180287 Ⓜ4GV/X18.7/S/** - B/SERPAC.2151-180287		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		18.7 kg	PGV353 - 4GV/X18.7	RB, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 13,5 kg	 MAX 18,7 kg	(in all directions) 		 Vermiculite bag

AMERICAN 4GV BOXES WITH VERMICULITE



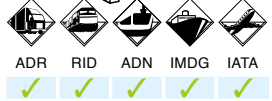


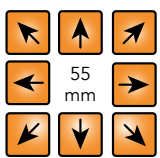
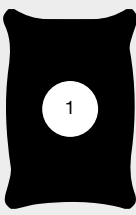


UN-certified 4GV box - PGV354

	Serpac code	3354-GV-NT (supplied without bag)		<p>2 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 450x450x450h Inner 430x430x420h		
	UN certification	4GV (fibreboard box)		
	UN mark	☉4GV/X26.5/S/** - B/SERPAC.412-120057		
	Content	Objects and inners		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		26.5 kg	PGV354 - 4GV/X26.5	RB, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 <p>MAX 17,5 kg</p>	 <p>MAX 26,5 kg</p>	<p>(in all directions)</p> 		 <p>Vermiculite bag</p>



UN-certified 4GV box - PGV355

	Serpac code	3355-GV-NT (supplied without bag)		<p>4 units per stack on pallet 1200x800 mm</p>  
	Dimensions (mm)	Outer 600x400x450h Inner 580x380x420h		
	UN certification	4GV (fibreboard box)		
	UN mark	☉ 4GV/X31.4/S/** - B/SERPAC.412-060026 ☉ 4GV/X31.4/S/** - B/SERPAC.2151-060026		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		31.4 kg	PGV355 - 4GV/X31.4	RB, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 <p>MAX 20,6 kg</p>	 <p>MAX 31,4 kg</p>	(in all directions) 		 <p>1 Vermiculite bag</p>

AMERICAN 4GV BOXES WITH VERMICULITE

UN-certified 4GV box - PGV85

	Serpac code	4GV-85S (supplied flat with 1 PE bag)		<p>2 units per stack on pallet 1200x800 mm</p>
	Dimensions (mm)	Outer 800x600x550h Inner 775x575x502h		
	UN certification	4GV (fibreboard box)		
	UN mark	④4GV/X78/S/** - B/SERPAC.412-060146		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		78 kg	PGV85 - 4GV/X78	RB, 50 mm, U
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
MAX 45 kg	MAX 78 kg	(in all directions) 		Vermiculite bag

UN-certified 4GV box - PGV87

	Serpac code	3106-GV-NT (supplied without bag)		<p>1 unit per stack on pallet 1200x800 mm</p>
	Dimensions (mm)	Outer 1200x800x770h Inner 1170x770x720h		
	UN certification	4GV (fibreboard box)		
	UN mark	④4GV/X191/S/** - B/SERPAC.412-060033		
	Content	Objects and inner packaging		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	Tape, width, system
Any object or inner packaging		191 kg	PGV87 - 4GV/X191	RB, 50 mm, HRE
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
MAX 122 kg	MAX 191 kg	(in all directions) 		Vermiculite bag

6 STEPS TO CHOOSING THE RIGHT 4GV OR 4DV PACKAGING

- 1** Define the inners you want to use to ship your dangerous goods (inners do not need any Certification marking);
- 2** According to the type of packaging you want to use, consult the right chart containing the "technical features";
- 3** Calculate the real inner dimensions of the packaging, subtracting from the inner dimensions the double value of the "minimum distance";
- 4** In the case of only one inner contained, verify if its dimensions are less than or equal to the inner dimensions. In the case of more inners contained, verify that the minimum distance is also respected between one and another;
- 5** Verify if the sum of all inner's max gross weight is less than or equal to the one indicated in the chart;
- 6** Verify that the package max gross weight (ready for the shipment) is less than or equal to the one indicated in the chart.

INSTRUCTIONS FOR THE CORRECT USE OF A 4GV BOX

- 1** Assemble the box.
Insert the plastic bag.



- 2** Add a first layer of Vermiculite, respecting the minimum distance reported on the instructions printed on the top of the box.



- 3** Insert the inner packaging(s), respecting the minimum distance reported on the instructions printed on the top of the box.



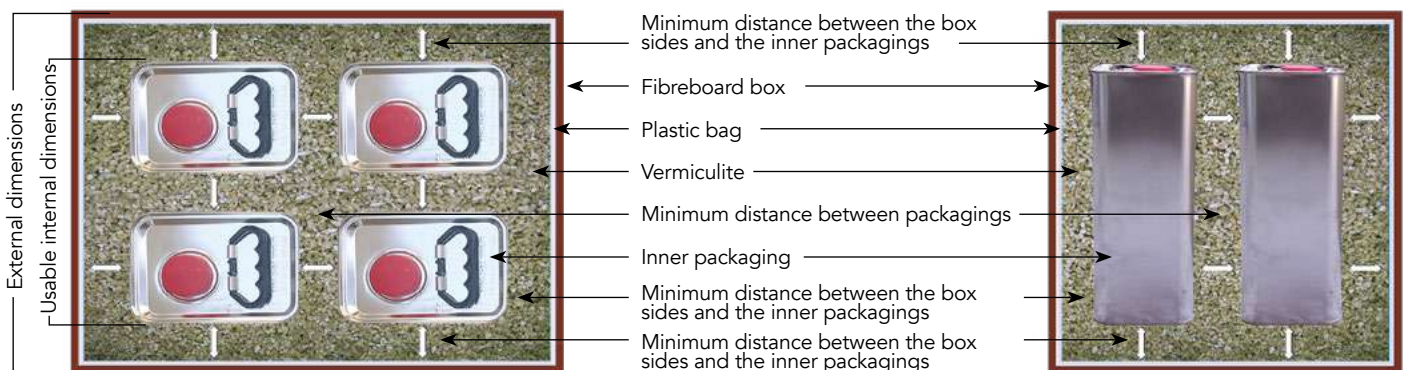
- 4** Insert the absorbent and cushioning material (Vermiculite) up to the top of the box, as to completely fill the plastic bag.



- 5** Close the plastic bag.



- 6** Close the box and tape it (if required) as shown in the instructions printed on the top of the box.



UN-CERTIFIED 4D AND 4DV BOXES

UN-CERTIFIED 4D AND 4DV BOXES WITHOUT STRAPS

Our plywood boxes are double certified as 4D and 4DV. This allows you to use them as 4D and 4DV according to the different content you want to insert. These high-quality boxes are extra strong.



PURCHASE DETAILS

Type	Inner dimensions mm	Outer dimensions mm	Box weight (tare) kg	Assembled boxes on pallet 120x80	Max gross weight inners kg	Max gross weight package ready for shipment kg	Min distance receptacles and/or walls/bottom/lid	UN-certified 4DV	UN-certified 4D
D-Box-10	400x300x260h	420x320x323h	4,32	8	9,6	18,2	46 mm	4DV/X18.2/S	4D/X27.8/S
D-Box-20	580x380x380h	600x400x443h	8,00	N/A	22,8	40,3	63 mm	4DV/X40.3/S	4D/X63.1/S
D-Box-30	780x580x380h	800x600x490h	13,72	N/A	30,6	68,4	79 mm	4DV/X68.4/S	4D/X99/S
D-Box-40	780x580x580h	800x600x690h	16,20	N/A	61,2	104,8	79 mm	4DV/X104.8/S	4D/X166/S
D-Box-50	1180x780x580h	1200x800x720h	33,00	N/A	89,2	190,7	90 mm	4DV/X190.7/S	4D/X280/S
D-Box-60	1180x780x780h	1200x800x920h	35,10	N/A	122,4	229,6	108 mm	4DV/X229.6/S	4D/X352/S

You can request the details and price list at +39 02 218 71 585 / +39 02 455 06 456 - sales@serpac.it
 Inner packagings do not require certification markings: chapter ADR / ADN / RID / IMDG 4.1.1.3, IATA 6.0.4.0.4

CLOSURE

UN-certified 4D and 4DV boxes without straps close with a metal toggle latch.



UN CERTIFICATION

UN-certified 4D boxes must be used with the specific inner packaging they have been tested with.



TRANSPORT MODALITY

Suitable for all transport modalities:



by road ADR
by train RID
by inland waterway ADN
by sea IMDG
by air IATA

OBJECTS AND INNERS OF ANY TYPE

Our UN 4GV boxes are suitable to ship objects or any type of inner packaging, both solid and liquid for packaging groups I, II, and III.



VERMICULITE

The use of vermiculite is mandatory if the boxes are used as 4DV.






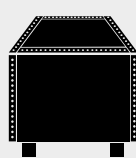
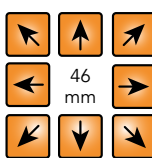
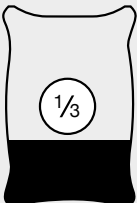
BOXES SUPPLY

Flat, compliant with ISPM 15 norm.



UN-CERTIFIED 4D AND 4DV BOXES



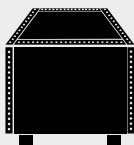
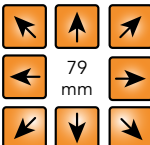
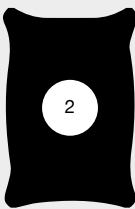
UN-certified 4D box 4D/4DV - D-BOX-10

	Serpac code	D-Box-10 (supplied flat)		 ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓
	Dimensions (mm)	Outer 420x320x323h Inner 400x300x260h		
	UN certification	4D e 4DV (plywood box)		
	UN mark	☉4D/X27.8/S/** - B/SERPAC.1160-190056 ☉4DV/X18.2/S/** - B/SERPAC.1160-190056		
	Content	Liquid or solid (4D) Objects and inners (4DV)		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	
4D	6 glass bottles 0,500 L each	27.8 kg	D-Box-10 – 4D/X27.8	
4D	Solid products in a plastic bag	27.8 kg	D-Box-10 – 4D/X27.8	
4DV	Objects and inners of any kind	18.2 kg	D-Box-10 – 4DV/X18.2	
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 9,6 kg	 MAX 18,2 kg	(in all directions)  46 mm		 Vermiculite bag


UN-certified 4D box 4D/4DV - D-BOX-20

	Serpac code	D-Box-20 (supplied flat)		 ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓
	Dimensions (mm)	Outer 600x400x443h Inner 580x380x380h		
	UN certification	4D e 4DV (plywood box)		
	UN mark	☉4D/X63.1/S/** - B/SERPAC.1160-190060 ☉4DV/X40.3/S/** - B/SERPAC.1160-190060		
	Content	Liquid or solid (4D) Objects and inners (4DV)		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	
4D	3 glass bottles 1,000 L and 2,500 L each	63.1 kg	D-Box-20 – 4D/X63.1	
4D	Solid products in PE bags inserted in one PE bag	63.1 kg	D-Box-20 – 4D/X63.1	
4DV	Objects and inners of any kind	40.3 kg	D-Box-20 – 4DV/X40.3	
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 22,8 kg	 MAX 40,3 kg	(in all directions)  63 mm		 Vermiculite bag

UN-certified 4D box 4D/4DV - D-BOX-30

	Serpac code	D-Box-30 (supplied flat)		 ADR RID ADN IMDG IATA
	Dimensions (mm)	Outer 800x600x490h Inner 780x580x380h		
	UN certification	4D e 4DV (plywood box)		
	UN mark	☉ 4D/X99/S/** - B/SERPAC.1160-190067 ☉ 4DV/X68/S/** - B/SERPAC.1160-190067		
	Content	Liquid or solid (4D) Objects and inners (4DV)		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	
4D	12 glass bottles 1,000 L each	99 kg	D-Box-30 – 4D/X99	
4D	Solid products in PE bags inserted in one PE bag	99 kg	D-Box-30 – 4D/X99	
4DV	Objects and inners of any kind	68.4 kg	D-Box-30 – 4DV/X68.4	
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 30,6 kg	 MAX 68,4 kg	(in all directions)  79 mm		 2 Vermiculite bag




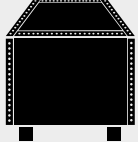
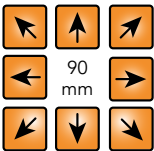
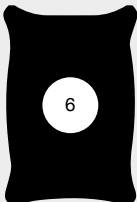
UN-certified 4D box 4D/4DV - D-BOX-40

	Serpac code	D-Box-40 (supplied flat)		 ADR RID ADN IMDG IATA
	Dimensions (mm)	Outer 800x600x690h Inner 780x580x580h		
	UN certification	4D e 4DV (plywood box)		
	UN mark	☉ 4D/X166/S/** - B/SERPAC.1160-190068 ☉ 4DV/X104.8/S/** - B/SERPAC.1160-190068		
	Content	Liquid or solid (4D) Objects and inners (4DV)		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	
4D	24 glass bottles 1,000 L each	166 kg	D-Box-40 – 4D/X166	
4D	Solid products in PE bags inserted in one PE bag	166 kg	D-Box-40 – 4D/X166	
4D	Solid products in PE bags inserted in one PE bag	215 kg	D-Box-40 – 4D/Y215	
4DV	Objects and inners of any kind	104.8 kg	D-Box-40 – 4DV/X104.8	
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 61,2 kg	 MAX 104,8 kg	(in all directions)  79 mm		 3 Vermiculite bag

UN-CERTIFIED 4D AND 4DV BOXES




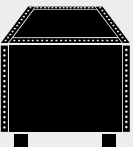
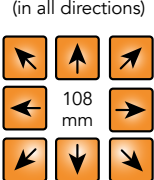
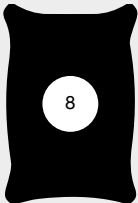


UN-certified 4D box 4D/4DV - D-BOX-50

	Serpac code	D-Box-50 (supplied flat)		
	Dimensions (mm)	Outer 1200x800x720h Inner 1180x780x580h		
	UN certification	4D e 4DV (plywood box)		
	UN mark	☉4D/X280/S/** - B/SERPAC.1160-190069 ☉4DV/X190.7/S/** - B/SERPAC.1160-190069		
	Content	Liquid or solid (4D) Objects and inners (4DV)		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	
4D	35 glass bottles 1,000 L each	280 kg	D-Box-50 – 4D/X280	
4D	Solid products in PE bags inserted in one PE bag	280 kg	D-Box-50 – 4D/X280	
4DV	Objects and inners of any kind	190.7 kg	D-Box-50 – 4DV/X190.7	
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 89,2 kg	 MAX 190,7 kg	(in all directions) 		 Vermiculite bag




UN-certified 4D box 4D/4DV - D-BOX-60

	Serpac code	D-Box-60 (supplied flat)		
	Dimensions (mm)	Outer 1200x800x920h Inner 1180x780x780h		
	UN certification	4D e 4DV (plywood box)		
	UN mark	☉4D/X352/S/** - B/SERPAC.1160-190064 ☉4DV/X229.6/S/** - B/SERPAC.1160-190064		
	Content	Liquid or solid (4D) Objects and inners (4DV)		
Inner packaging it has been tested with		Max gross weight	Certification / (Extension)	
4D	48 glass bottles 1,000 L each	352 kg	D-Box-60 – 4D/X352	
4D	Solid products in PE bags inserted in one PE bag	352 kg	D-Box-60 – 4D/X352	
4DV	Objects and inners of any kind	229.6 kg	D-Box-60 – 4DV/X229.6	
Gross weight inner(s)	Gross weight package ready for shipment	Minimum thickness of Vermiculite between inners, walls, bottom, and lid		Fill completely one box with
 MAX 122,8 kg	 MAX 229,6 kg	(in all directions) 		 Vermiculite bag

4G BOX UN CERTIFICATION PROCESS


1 INNER PACKAGING



Net weight kg 24
Tare of jerricans: 200g each. Net weight of the substance of packing group I: 5-liters specific weight 1.2
Gross weight kg 6.2 each.

REF. TECHNICAL DATA SHEET PL100
Producer: Plastica ABC- Milano
Ref. art. 5-liters tank – weight 200 gr – in HDPE
Format 190 mm ± 2% x 160 mm ± 2% x 250 mm ± 2%
Capacity to top-level liters 5.6 ± 3%
Closure: screw cap in PEHD w/gasket. Expanded polyethylene
The inner packaging does not require the certification markings: cap. ADR/ADN/RID / IMDG 4.1.1.3, IATA 6.0.4.0.4


2 OUTER PACKAGING



Tare weight of empty fibreboard box kg 1.2


REF. TECHNICAL DATA SHEET FB200
Producer: Serpac srl – Segrate (MI) Fibreboard box - Fefco 201 glued
Inner size 385x325x255 mm
Type of cardboard KSKSK 46464 BC Closed with adhesive tape PP of 50 micron

3 COMBINATION PACKAGING



COMBINATION PACKAGING (before testing)
Weight of 4 jerricans kg 0,8 +
Net weight of the liquid substance contained in 4 jerricans kg 24 +
Tare weight box kg 1,2 =
Gross weight of package kg 26

4 SOME STEPS TO UN-CERTIFY THE 4G COMBINATION PACKAGING



Laboratory



Cobb 30'



Stacking test
(calculated according to the weight and height of the box x 24h)



5 drop tests from the height-related to the corresponding packing group of the hazardous material or substance.
In this example, packing group II

Packing group I	Packing group II	Packing group III
1,8 m	1,2 m	0,8 m



5 TEST REPORT: ADR / RID / ADN 6.1.5.8 / IMDG 6.1.5.7, IATA 6.3.7
The test report must certify that the package, ready for transport, has been tested in compliance with the related provisions of the Regulations, and the use of other methods or packaging may invalidate it.

6 REPORTING TO THE MINISTRY

7 UN MARKING. The certification shows:


- 1) The transport modality (ADR, RID, ADN, IMDG, ICAO-TI/IATA) the UN certification is valid for.
- 2) The type of inner (in this example 4 jerricans Code PL 100) the Certification is valid for.
- 3) The code indicating the packing group(s) for which the prototype(s) have been successfully tested (in this example "Y" is valid for packing groups II and III).
- 4) Maximum gross mass in kg.
- 5) Etc.

8 UN-CERTIFIED 4GV FIBREBOARD BOX

cod. PG896
www.serpac.it

UN 4G/Y30/S/23
B/SERPAC-412.090138



VALID ONLY BY COMBINING THE SPECIFIC INNER IT HAS BEEN TESTED WITH

9 PRODUCTION CONTROL TEST
Tests must be repeated on production samples at intervals established by the related regulations (ADR/RID/ADN 6.1.1.4 e 6.1.5.1.3 – IMDG 6.1.1.3 e 6.1.5.1.3 – IATA 5.0.2.5 e 6.3.1.1.2).

10 4G SUMMARY
If you want to use an UN-certified 4G fibreboard box, you must verify that your packaging is the same as the tested prototype:

- 1) Same type of inner (in this example 4 jerricans code PL 100).
- 2) Same layout.
- 3) Same closure.
- 4) Etc.

THE VALIDITY OF THE CERTIFICATION IS SUBJECTED TO COMPLIANCE WITH ALL THE REQUIREMENTS INDICATED ON THIS PAGE (STEPS 1 TO 9).

11 REFERENCES
ADR 2023
RID 2023
ADN 2023
IMDG Amdt. 41-22
IATA 2023


1 INNER PACKAGING



Total weight of bottles glass kg 40

The outer packaging must have been successfully tested with fragile inner packagings (for example glass) containing liquid material. ADR / RID / ADN / IMDG 6.1.5.1.7, IATA 6.3.1.2


2 OUTER PACKAGING



Weight of empty fibreboard box kg 2,16
weight of vermiculite kg 10,84

REF. TECHNICAL DATA SHEET FBV400
Producer: Serpac srl – Segrate (MI)


3 COMBINATION PACKAGING




COMBINATION PACKAGING (before testing).
Weight of bottles glass kg 40 +
Weight of empty fibreboard box kg 2,16 +
Weight of Vermiculite kg 10,84 =
Total gross weight kg 53

There must be at least 40 mm of vermiculite between inners and/or walls, bottom and lid.

4 SOME STEPS TO UN-CERTIFY THE 4GV COMBINATION PACKAGING



Laboratory



Cobb 30'



Stacking test
(calculated according to the weight and height of the box x 24h)



5 drop tests from the height-related to the packing group I.

Packing group I
1,8 m

5 TEST REPORT: ADR / RID / ADN 6.1.5.8 / IMDG 6.1.5.7, IATA 6.3.7




The test report must certify that the package, ready for transport, has been tested in compliance with the related provisions of the Regulations, and the use of other methods or packaging may invalidate it.

6 REPORTING TO THE MINISTRY

7 UN MARKING. The certification shows:

- 1) The transport modality the certification is valid for (ADR, RID, ADN, IMDG, ICAO/IATA.)
- 2) That it is suitable for any kind of packaging because it is 4GV certified.
- 3) The X code indicating the packing group for which the prototypes have been tested (Valid for packing groups I, II, and III).
- 4) The maximum gross mass in kg.
- 5) Etc.

8 UN-CERTIFIED 4GV FIBREBOARD BOX

SUITABLE FOR OBJECTS OR ANY TYPE OF INNER PACKAGING FOR LIQUID OR SOLID MATERIALS OF PACKING GROUPS I, II, III

9 PRODUCTION CONTROL TEST

Tests must be repeated on production samples at intervals established by the related regulations (ADR/RID/ADN 6.1.1.4 e 6.1.5.1.3 – IMDG 6.1.1.3 e 6.1.5.1.3 – IATA 5.0.2.5 e 6.3.1.1.2).

10 4GV SUMMARY

If you want to use an UN-certified 4GV fibreboard box, it is not necessary to verify the inner packaging because it is suitable for any type of inner packaging, but you must comply with:

- 1) The minimum distance of vermiculite between inner packaging and/or walls, bottom, and lid
- 2) The maximum gross weight of the inner packaging(s) (in this case 20 kg, thus half of the gross mass of the inner packaging used for the drop test – ADR 6.1.5.1.7 b.)

11 REFERENCES

ADR 2023
RID 2023
ADN 2023
IMDG Amdt. 41-23
IATA 2023



VERMICULITE (ASBESTOS-FREE CERTIFIED)

- Mineral-based inert absorbing material, free from impurities, sterile
- Non combustible and rot-proof.
- Tested together with 4G and 4GV packagings.
- Asbestos-free certified.

Serpac code	Volume / Weight	Bag material	Bag diameter mm	Price Euro / each			
				2	4	6	8
VER-6100-MED	0,1 m ³ / 10 kg	PE	50x23x95h	Price on demand			

TAPES FOR UN 4G AND 4GV CERTIFIED BOXES

- To be used with Serpac UN-certified boxes.
- High adhesion to cardboard.
- Silent rolling.
- Good resistance to temperature changes.



Serpac code	Dimensions tape	Tape type	Pcs / pack	Price Euro per bag			
				6	1 conf.	2 conf.	3 conf.
T50A-102-PP	50 mm x 66 m	PP Avana	36	2,22	1,49	1,41	1,34
T50T-102-PP	55 mm x 66 m	PP Trasparente	36	2,22	1,49	1,41	1,34
T75A-102-PP	75 mm x 66 m	PP Avana	24	3,27	2,62	2,43	2,38
T50T-201-RB	50 mm x 50 m	Bidirezionale	18	6,01	5,41	5,10	4,79

Minimum order 6 rolls - For more quantities contact us

POLYETHYLENE BAGS FOR UN-CERTIFIED PACKAGINGS

- Different dimensions available.
- Made of polyethylene.
- Thickness from 50 µm.



Serpac code	Dimensions mm	Thickness µm	Pcs / pack	Price Euro per bag			
				1 conf.	2 conf.	3 conf.	4 conf.
SAC-2201-NT	400x700h	50	100	0,51	0,42	0,38	0,34
SAC-2202-NT	800x900h	50	50	1,05	0,88		0,74
SAC-2203-NT	600+200+200x1300h	50	50	1,46	1,28		1,03
SAC-2204-NT	1500x1450h	50	20	3,09	2,72		2,43
SAC-2205-NT	1300+450+450x2000h	150	10	10,18	8,78	8,09	7,39
SAC-2206-NT	500+220+220x1400h	100	10	4,06	3,42	3,10	2,71





FOR YOUR CERTIFIED PACKAGE, CHOOSE THE PROPER BAG



- SAC-2201-NT:** PGV80, PG982, PGV81, PG350/PGV350
- SAC-2202-NT:** PG807, PG351/PGV351, PG352/PGV352, PG896, PG808, PGV82, PG353/PGV353, PG803, PGV83, PG514, PGV86, D-Box-10
- SAC-2203-NT:** PG354/PGV354, PG813, PG355/PGV355, PG802, PGV84, D-Box-20)
- SAC-2204-NT:** PG805, PGV85, D-Box-30, D-Box-40
- SAC-2205-NT:** PG806, PGV87, D-Box-50, D-Box-60
- SAC-2206-NT:** PG639

REFRIGERATED TRANSPORT GEL PACKS

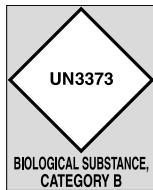
Packed gel for refrigerated or conditioned transport of goods. Different models are available, and when combined properly they can keep the product at the desired temperature.

Packed ice (available in stock)	Product description	Serpac code	Dimensions (mm)	Weight (g)	Bags/pack	Notes
	GREEN ICE® Packed ice Refrigerating mass for thermostating at 0/+5°C o +2/+8°C	GEL-GI-0250 GEL-GI-0330 GEL-GI-0500 GEL-GI-1000	157x197 149x157 157x262 157x320	250 330 500 1000	68 51 34 17 boxes kg 17	Freezing temperature - 10°C. Product intended for the transport of perishable products under a positive temperature of 0°C / +5°C and +2°C /+8°C.
	BLU ICE® Packed ice Refrigerating mass for thermostating at temperatures higher than 0°C	GEL-BI-0250 GEL-BI-0330 GEL-BI-0500 GEL-BI-1000	157x197 149x157 157x262 157x320	250 330 500 1000	68 51 34 17 boxes kg 17	Freezing temperature +0,8°C. BLU ICE is a system that can control the temperature of the product and avoid it drops under +2°C. It is used together with GREEN ICE frozen at -10°C, to avoid the temperature of products dropping under +2°C.
	GREEN ICE® ULTRA Packed ice Refrigerating mass for thermostating at -23°C	GEL-GIU-0250 GEL-GIU-0330 GEL-GIU-0500 GEL-GIU-1000	157x197 149x157 157x262 157x320	250 330 500 1000	68 51 34 17 boxes kg 17	Freezing temperature - 23°C. Product intended for the transport of perishable products under negative temperature -23°C.
	BLU ICE® ULTRA Packed ice Refrigerating mass for thermostating at -50°C	GEL-BIU-0250 GEL-BIU-0330 GEL-BIU-0500 GEL-BIU-1000	157x197 149x157 157x262 157x320	250 330 500 1000	68 51 34 17 boxes kg 17	Freezing temperature - 50°C. Product intended for the transport of perishable products under negative temperature -50°C.

Isothermal receptacle	Requested inner temperature	Average outer temperature	Duration	Dosage
BIO-7100-SB	-78°C	25°C	24 hours 48 hours 72 hours	kg 1,0 dry ice kg 2,0 dry ice kg 3,0 dry ice
BIO-6100-SB	-78°C	25°C	24 hours 48 hours 72 hours	kg 2,5 dry ice kg 4,5 dry ice kg 6,5 dry ice
BIO-4100-SB	-78°C	25°C	24 hours 48 hours 72 hours 96 hours	kg 3,0 dry ice kg 5,5 dry ice kg 7,0 dry ice kg 9,5 dry ice
BIO-8100-SB	-78°C	25°C	24 hours 48 hours 72 hours 96 hours 120 hours	kg 3,0 dry ice kg 6,0 dry ice kg 10,0 dry ice kg 13,0 dry ice kg 16,0 dry ice

Isothermal receptacle	Requested inner temperature	Average outer temperature	Duration	Dosage
BIO-7100-SB	+2 / +8°C	25°C	48 hours	kg 1,0 Green Ice - kg 0,5 Blu Ice
BIO-6100-SB	+2 / +8°C	25°C	48 hours	kg 1,0 Green Ice - kg 0,5 Blu Ice
BIO-4100-SB	+2 / +8°C	25°C	48 hours	kg 3,5 Green Ice - kg 1,0 Blu Ice
BIO-8100-SB	+2 / +8°C	25°C	48 hours	kg 7,0 Green Ice - kg 2,5 Blu Ice

SECONDARY PACKAGINGS CERTIFIED FOR UN3373



Tested and certified in compliance with P650 ADR / RID / ADN / IMDG, P.I. 650 IATA, and May 8th, 2003, memo nr. 3, MoH. Our secondary packagings are compliant with the shipment of UN3373. In the case of purchase only for the secondary packaging, the sender is responsible for the performance and certification of the drop test and the special preparations requested (water spray test, pre-conditioning -18°C).



95KPA CERTIFIED BAGS FOR UN3373

Suitable to contain primary receptacles used to ship Biological Substances, Cat. B. Extremely robust and protective, they can be sterilized in autoclaves and re-used. Certified 95kPa as per regulations. Suitable for direct contact with dry ice.

Serpac code	Outer dimensions mm	Inner dimensions mm	Capacity / L	Price Euro / each			
				25	50	100	200
BIO-0500-SB	Ø 85x197h	Ø 60x182h	0,500	Price on demand			
BIO-1000-SB	Ø 125x160h	Ø 100x149h	0,950	Price on demand			

95KPA CERTIFIED BAGS FOR UN3373

Suitable to contain primary receptacles used to ship Biological Substances, Cat. B. Safe and easy to use, the ideal solution for one-time deliveries. These bags are transparent and have an easy opening. Certified 95kPa as per regulations. Suitable for direct contact with dry ice.



Serpac code	Outer dimensions mm	Inner dimensions mm	Pcs / pack	Price Euro / each			
				50	100	150	200
BIO-210-SB	175x275h	150x180h	50	Price on demand			
BIO-211-SB	310x385h	230x270h	50	Price on demand			
BIO-212-SB	330x457h	305x387h	50	Price on demand			

COMPLETE PACKAGING CERTIFIED FOR UN3373

Tested and certified in compliance with P650 ADR / RID / ADN / IMDG, P.I. 650 IATA, and May 8th, 2003, memo nr. 3, MoH. Our complete packagings are compliant and immediately ready for the use and the shipment of UN3373. They are certified to contain any primary receptacle, made of glass or plastic. Our packagings have successfully passed the drop tests and, in case of special requests, other tests (water spray test, pre-conditioning -18°C).



PACKAGING WITH BAG FOR UN3373

Disposable packaging certified for the shipment of UN3373. Suitable to contain any primary receptacle, supplied with a disposable 95 kPa tested bag, also tested for different contents. The supplied complete package has withstood successfully all the special preparations and drop tests.

Serpac code	Outer dimensions mm	Inner bag dimensions mm	Capacity / L	Price Euro / each			
				2	8	16	32
BIO-2032-SB	130x130x180h	150x180h	-	Price on demand			

1 secondary packaging, 1 interposition, 1 absorbent test tube holder, 1 sealing label, 1 external package with: "UN3373-Biological substance, category B" mark on contrasting background, 1 label "Biological substance, category B", 1 instruction sheet.

POSTAL PACKAGING WITH BAG FOR UN3373



Extremely compact disposable packaging certified to carry UN 3373. Suitable to contain any primary receptacle, supplied with a disposable 95 kPa tested bag, also tested for different contents. The supplied complete package has withstood successfully all the special preparations and drop tests.

Serpac code	Outer dimensions mm	Inner bag dimensions mm	Capacity / L	Price Euro / each			
				2	36	72	108
BIO-3373-010	250x200x29h	150x180h	-	Price on demand			

1 secondary packaging, 1 interposition, 1 absorbent test tube holder, 1 sealing label, 1 external package with: "UN3373-Biological substance, category B" mark on contrasting background, 1 label "Biological substance, category B", 1 instruction.

POSTAL PACKAGING WITH BAG FOR UN3373



Extremely compact disposable packaging certified to carry UN 3373. Suitable to contain any primary receptacle, supplied with a disposable 95 kPa tested bag, also tested for different contents. The supplied complete package has withstood successfully all the special preparations and drop tests. You may ship 2 BIO-210-SB bags in the same packaging.

Serpac code	Outer dimensions mm	Inner bag dimensions mm	Capacity / L	Price Euro / each			
				2	24	48	72
BIO-3373-020	285x185x45h	150x180h	-	Price on demand			

1 secondary packaging, 1 interposition, 1 absorbent test tube holder, 1 sealing label, 1 external package with: "UN3373-Biological substance, category B" mark on contrasting background, 1 label "Biological substance, category B", 1 instruction.

PACKAGING WITH 0,5 L 0,5 L FOR UN3373



Reusable packaging, resistant and robust, certified to carry UN 3373. Suitable to contain any primary receptacle, supplied with a 95 kPa tested 0.5 L bottle, also tested for different contents. The bottle can be sterilized in autoclaves and re-used. The supplied complete package has withstood successfully all the special preparations and drop tests.

Serpac code	Outer dimensions mm	Inner bottle dimensions mm	Capacity / L	Price Euro / each			
				15	30	60	120
BIO-0520-SB	102x102x215h	Ø 60x182h	0,500	Price on demand			

1 secondary packaging, 1 interposition, 1 absorbent test tube holder, 1 sealing label, 1 external package with: "UN3373-Biological substance, category B" mark on contrasting background, 1 label "Biological substance, category B", 1 instruction sheet.

PACKAGING WITH 1 L BOTTLE FOR UN3373



Reusable packaging, resistant and robust, certified to carry UN 3373. Suitable to contain any primary receptacle, supplied with a 95 kPa tested 1 L bottle, also tested for different contents. The bottle can be sterilized in autoclaves and re-used. The supplied complete package has withstood successfully all the special preparations and drop tests.

Serpac code	Outer dimensions mm	Inner bottle dimensions mm	Capacity / L	Price Euro / each			
				15	30	60	120
BIO-2030-SB	130x130x180h	Ø 100x149h	0,950	Price on demand			

1 secondary packaging, 1 interposition, 1 absorbent test tube holder, 1 sealing label, 1 external package with: "UN3373-Biological substance, category B" mark on contrasting background, 1 label "Biological substance, category B", 1 instruction sheet.

COMPLETE UN 4GU PACKAGING FOR UN2814/UN2900



Certified on purpose for the shipment of infectious substances, category A (UN2814-UN2900), our UN 4GU/ Class 6.2 packagings are approved to contain any type of test tube inside the plastic jar or primary receptacle.

4GU/CLASS 6.2 PACKAGING FOR UN2814/UN2900

Reusable packaging, resistant and robust, certified 4GU/class 6.2 for the shipment of UN2814 and UN2900. Suitable to contain any primary receptacle, as supplied together with a 1 L bottle, certified 95 kPa -40°C / + 55°C. The bottle can be sterilized in autoclaves and re-used. The supplied complete package has withstood successfully all the special preparations and drop tests.



Serpac code	Outer dimensions mm	Inner bottle dimensions mm	Capacity / L	Price Euro / each			
				2	8	16	32
BIO-3000-SB	130x130x180h	Ø 100x149h	0,950	Price on demand			

1 secondary packaging, 1 interposition, 1 absorbent 6 vials holder, 1 bubble wrap bag for 6 vials, 1 sealing label, 1 label "LAB...", 1 external certified packaging 4GU/ Class 6.2, 1 instructions sheet.

DIFFERENT PRODUCTS FOR BIOLOGICAL AND INFECTIOUS SUBSTANCES

Certified on purpose for the shipment of infectious substances, category A (UN2814-UN2900), our UN 4GU/ Class 6.2 packagings are approved to contain any type of test tube inside the plastic jar.

ABSORBENT AND CUSHIONING MATERIALS



BIO-807-SB
Absorbent test tube holder
for 6 vials



BIO-802-SB
Bubble wrap bag with 6 holes



BIO-804-SB
Absorbent sheet



BIO-808-SB
Absorbent sheet



BIO-805-SB
Foam tube-stands with 14 holes
(suitable for BIO-1000-SB)

Serpac code	Dimensions mm	Absorbed ml	Pcs / pack	Price Euro / each			
				1	2	3	4
BIO-804-SB	150x150h	200	100	Price on demand			
BIO-807-SB	260x120h	250	50	Price on demand			
BIO-805-SB	Ø 95x65h	-	25	Price on demand			
BIO-808-SB	150x70h	120	100	Price on demand			

To ship at a controlled temperature, it is necessary to use packagings that, together with refrigerant products, can maintain the goods at the desired temperature. Different solutions can be adopted, but the most performant one is using polystyrene and the related fibreboard boxes which can offer additional protection and are easier to transport, thanks to their ready-to-use handles.



COMPLETE PACKAGINGS FOR REFRIGERATED TRANSPORTS

Robust packaging, designed on purpose for the transport at a controlled temperature. High-quality polystyrene foam guarantees stable temperature keeping. Outer boxes have a ready-to-use handle and are therefore easier to transport. Suitable for shipments with dry ice or packed gel.

Serpac code	Outer dimensions mm	Inner dimensions mm	Max capacity (L)	Thickness mm	Price Euro / each			
					1	2	3	4
BIO-7100-SB	250x250x250h	155x155x155h	3	36	Price on demand			
BIO-6100-SB	405x305x320h	290x190x210h	12	50	Price on demand			
BIO-4100-SB	405x305x405h	290x190x290h	16	50	Price on demand			
BIO-8100-SB	375x375x515h	260x260x380h	25	50	Price on demand			

POLYSTYRENE BOXES FOR REFRIGERATED TRANSPORTS

Robust polystyrene foam packaging, designed on purpose for the transport at a controlled temperature. High-quality polystyrene foam guarantees stable temperature keeping and insulation. These boxes are suitable for shipments with dry ice or packed gel.



Serpac code	Outer dimensions mm	Inner dimensions mm	Max capacity (L)	Thickness mm	Price Euro / each			
					1	2	3	4
BIO-701-SB	230x230x213h	155x155x155h	3	36	Price on demand			
BIO-601-SB	390x290x285h	290x190x210h	12	50	Price on demand			
BIO-401-SB	390x290x365h	290x190x290h	16	50	Price on demand			
BIO-405-SB	360x360x495h	260x260x380h	25	50	Price on demand			

ACCESSORIES FOR REFRIGERATED TRANSPORTS IN DRY ICE

- Specific for BIO-1000-SB or test tubes.
- To hold the primary receptacles or the secondary packaging firm after the sublimation of dry ice.



BIO-403-SB
Jar holder
for BIO-1000-SB,
BIO-4100-SB and
BIO-6100-SB



BIO-406-SB
Jar holder
for BIO-1000-SB
and BIO-8100-SB



BIO-603-SB
Alveolar
die-cut for
vials

Serpac code	Products description	Price Euro / each			
		1	2	4	6
BIO-403-SB	Jar holder for secondary packagings BIO-1000-SB	Price on demand			
BIO-406-SB	Jar holder for secondary packagings BIO-1000-SB	Price on demand			
BIO-603-SB	Alveolar die-cut closed mm 280x180x125h Thickness 3,5 mm	Price on demand			



LABELS, MARKS, PLACARDS, AND ORANGE PANELS INDEX

Characteristics and description of labels, marks, placards, and panels



Page 88

Class 1



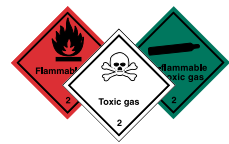
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Class 2



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Specific information and general provisions



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Class 3



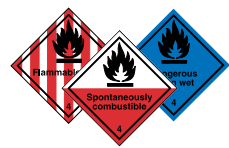
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A guide to using our catalog and our price list



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Class 4



Page 98

Class 5



Page 100

Lithium battery



Page 109

Class 6.1



Page 101

Labels for transport by air IATA



Page 110

Class 6.2



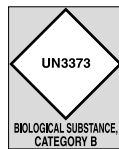
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Blind sports panels / angles morts



Page 113

UN3373



Page 102

Orange panels marking and numbers



Page 114

Class 7



Page 103

Different labels



Page 119

Class 8



Page 104

Labels price list



Page 121

Class 9



Page 105

Placards and panels price list



Page 124

Marine Pollutant Mark



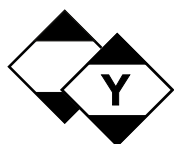
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GHS Pictograms



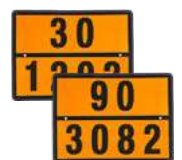
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Limited Quantities ADR, RID, ADN, IMDG, and IATA



Page 108

Fireproof Orange Panel Marking



Page 130



FOR PACKAGE

Page 92

In thermowrapped packs of 50 adhesive glossy paper and PVC labels

(columns A1, B1, B2, B3, and B4 of the price list on page 121).

- Permanent adhesive, indoor and outdoor shelf life of 2/5 years.
- With precut diagonal supports to facilitate detaching the label.
- Suitable for fibreboard boxes, metal drums, plastic jerricans, etc... (non PVC)
- High initial adhesion combined with a strong permanent hold ensures excellent functionality
- The adhesive is resistant after being immersed for 3 months in seawater as requested by the IMDG code IMDG 5.2.2.2.1.7.



FOR PACKAGE

Page 92

In thermowrapped rolls of 500 adhesive polyethylene labels (PE)

(column A1, B1, and B3 of the price list on page 122 and column RB1 and RB2 page 127).

- Permanent adhesive, indoor and outdoor shelf life of 2 years.
- Zig-zag perforation support to facilitate the tearing of the labels.
- Easy to detach from the support for a fast application.
- Suitable for fibreboard boxes, metal drums, plastic tanks, etc...
- High initial adhesion combined with a strong permanent hold ensures excellent functionality
- The adhesive is resistant after being immersed for 3 months in seawater as requested by the IMDG code 5.2.2.2.1.7.



FOR PACKAGE

Page 126

Packing, rolls, and thermowrapped packs of adhesive danger GHS pictograms

(columns G1, G1, and G3 of the price list on page 128).

- Permanent adhesive, indoor and external shelf life of 2 years.
- Available in different sizes.
- High initial adhesion combined with a strong permanent hold ensures excellent functionality



FOR VEHICLES AND CONTAINER

Page 92

In thermowrapped packs of 12 placard/adhesive panels in PVC

(columns C1, C2, D1, D2, and E1 of the price list on page 124 and columns H1, K1, K2, and L1 on page 125).

- Permanent adhesive, indoor and outdoor shelf life of 3/5 years.
- Easy to stick on.
- Suitable for containers and curved surfaces.
- The adhesive is resistant after being immersed for 3 months in seawater as requested by the IMDG code 5.3.1.1.1 (at point 2).



FOR VEHICLES AND CONTAINER

Page 130

Folding panels, panels, and supports

(column M of the price list, for this price list you have to contact us).

- Permanent adhesive, indoor and outdoor shelf life of 5 years.
- Aluminum support see page 130.
- Steel Folding support see page 131.
- Plastic materials see page 132.

SPECIAL PRICES

WHEN PURCHASING ONE CODE
OF LABELS AND MARKS



PROMOTION VALID FOR ORDERS FROM

50.000 pcs.

100.000 pcs.

200.000 pcs.

FREE SHIPPING










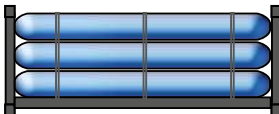




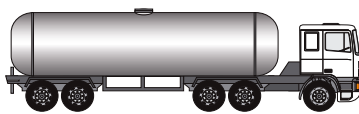
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✉ sales@serpac.it

👉 www.serpac.it/en/

EXAMPLES OF GENERAL DISPOSITIONS

	Examples	General disposition
PACKAGE	 <p>Packaging</p>	<p>Definition The final product of a packaging operation, made of packaging, or large packaging or IBC and its content, ready to ship. The term includes gas receptacles as well as an object that according to their dimensions, mass, or configuration, can be transported unpacked or carried in cradles, crates, or handling devices. With exceptions made for radioactive material, the term does not apply to goods transported in bulk and substances transported in tanks.</p> <p>Labels and marks The minimum dimensions of labels and marks are 100*100 mm If the dimension of the package requires so, the dimensions of labels and marks may be reduced, provided the symbols and other elements of the label remain clearly visible. (IATA DGR allows the use of labels with reduced dimensions only for some Classes). Minimum dimensions of "limited quantity" mark 50*50 mm</p>
	 <p>IBC</p>	
	 <p>Bulk packaging</p>	
CONTAINER	 <p>Containers for packages</p>	<p>Definition An article of transport equipment (lift van or other similar structure) of a permanent character and accordingly strong enough to be suitable for repeated use; specially designed to facilitate the carriage of goods, by one or more means of transport, without breakage of load; fitted with devices permitting its ready stowage and handling, particularly when being transloaded from one means of transport to another; so designed as to be easy to fill and empty; having an internal volume of not less than 1 m³, except for containers for the carriage of radioactive material.</p> <p>Placards / marks Minimum dimensions 250x250 mm.</p> <p> Orange panel marking with numbers Minimum dimensions:</p> <p> - 400x300 mm (ADR, RID, ADN).  - 300x120 mm (IMDG).</p>
	 <p>Containers for carriage in bulk</p>	
	 <p>Tank containers, portable tanks, demountable tanks</p>	
	 <p>MECGs (Multiple Elements Gas Containers)</p>	
VEHICLES	 <p>Vehicles to transport packages</p>	<p>Definition A motor vehicle without an attached trailer, or a combination consisting of a motor vehicle and an attached trailer.</p> <p>Placards / mark Minimum dimensions 250x250 mm.</p> <p> Orange panel marking with numbers Minimum dimensions:</p> <p> - 400x300 mm or reduced dimensions 300x120 mm.  - 400x300 mm.</p>
	 <p>Tank-vehicles</p>	

GUIDE FOR A BETTER UNDERSTANDING OF THE FOLLOWING PAGES

By air ICAO / IATA. (7.2.2.3.1)
All labels used on packagings for dangerous goods must conform in shape, color, format, symbol and text to the specimen designs as shown in the regulations, except for minor variations which do not affect the obvious meaning of the label.

By air some operator variations require label with text

Here you can see which transport modality is suitable:

Flammable liquids										
	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Package	100x100	LAB-T300-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T300-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T300-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Column to be consulted when you see the price list of the labels. The color of the line will help you to identify the correct price list.

Price list column	A1	B1	B2	B3	B4
See the column of the corresponding price list					
Example of label of the corresponding column:	NET QUANTITY OVERPACK LIMITED QUANTITY	Hazard labels Class 1,2,3,4,5... MARINE POLLUTANT UN/LQ	Time & Temperature Sensitive	Class 8 + WASTE Class 9 + MARINE P. Class 3 + OVERPACK	Hazard labels Class 1,2,3,4,5... in PVC

LABELS AND MARKS IN PACKS



- All labels in the pack are separate from each other, allowing you to use only the label you need without ruining the others.
- Labels have a pre-cut support that facilitates the detachment.









LABELS AND MARKS IN ROLLS



- The zig-zag perforation support allows you to use only the label you need without ruining the others.
- The label is easy to detach from the support.

GHS PICTOGRAM 15% of the label not less than 1 cm ²	HAZARD LABEL 100x100 mm	PLACARD 250x250 mm	MARK	PANEL 300x120 mm	PANEL 400x300 mm
			DANGEROUS GOODS packed and loaded > 4 ton		
LABEL on one surface of the package	LABEL on two opposite side for IBC with a capacity > 450 L				PLACARD on 4 sides
PANEL	PLACARD	PLACARD	PANEL	PLACARD PANEL	








Explosive substances or articles

		Dimensions mm	Serpac Code	Price list	Material	Pack					
	Package						ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N100-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
Container Vehicles		250x250	PAN-N100-PP	E1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

They are supplied with adhesives to complete the placard.
The label must be completed with division and compatibility group.
1.1.2.1.3ABCDEFGHIJKLS

Explosive substances or articles Division 1.1








Articles and substances having a mass explosion hazard

		Dimensions mm	Serpac Code	Price list	Material	Pack					
	Package						ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N101-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

The label must be completed with the compatibility group.

Explosive substances or articles Division 1.2








Articles and substances having a projection hazard but not a mass explosion hazard

		Dimensions mm	Serpac Code	Price list	Material	Pack					
	Package						ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N102-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

The label must be completed with the compatibility group.

Explosive substances or articles Division 1.3










Articles and substances having a fire hazard, a minor blast hazard, and/or a minor projection hazard but not a mass explosion hazard

		Dimensions mm	Serpac Code	Price list	Material	Pack					
	Package						ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N103-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

The label must be completed with the compatibility group.

Explosive substances or articles Division 1.4

Substances and articles which present only a slight risk of explosion in the event of ignition or initiation during the carriage




		Dimensions mm	Serpac Code	Price list	Material	Pack					
	Package						ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N140-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N140-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
Container Vehicles		250x250	PAN-N140-PP	E1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

The label must be completed with the compatibility group.
The label must be completed with division and compatibility group.
ABCDEFGHIJKLS

ONE POSTER FOR FREE DELIVERED WITH EVERY ORDER

Explosive substances or articles Division 1.4





Substances and articles which present only a slight risk of explosion in the event of ignition or initiation during the carriage

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
		100x100	LAB-T140-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

The label must be completed with the compatibility group.





Explosive substances or articles Division 1.5

Very insensitive substances having a mass explosion hazard which are so insensitive that there is very little probability of initiation or transition from burning to detonation under normal conditions of carriage.

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N150-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	Container Vehicles 	250x250	PAN-N150-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Explosive substances or articles Division 1.6

Extremely insensitive articles which do not have a mass explosion hazard

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
		100x100	LAB-N160-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	Container Vehicles 	250x250	PAN-N160-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

UN-CERTIFIED 4G BOXES FOR FIREWORKS

Ship your dangerous goods in compliance with all the regulations!

See page 24





PRODUCTS FOR PACKAGING

See the best products to pack your dangerous goods in the safest way!





See page 80



Flammable gas - Division 2.1


	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
Package 	100x100	LAB-T210-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T210-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T210-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Flammable gas - Division 2.1



	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
Package 	50x50	LAB-H210-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
	100x100	LAB-N210-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N210-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N210-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N210-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
Container Vehicles 	250x250	PAN-N210-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	250x250	PAN-N210-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N210-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N210-SK3	K2	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
Vehicles 	300x300	PAN-N210-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N210-FX	PO6	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N210-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

By air some operator variations require labels with text



Flammable gas - Division 2.1 (UN1950)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
Container Vehicles 	250x250	PAN-1950-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗


Flammable gas - Division 2.1 (UN1965)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
Container Vehicles 	250x250	PAN-1965-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗

Flammable gas - Division 2.1 (UN3161)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
Container Vehicles 	250x250	PAN-3161-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗

Flammable gas - Division 2.1 (UN)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
Package 	120x100	LAB-P204-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P204-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Font 12 mm. By air some operator variations require labels with text



N° 6000 Labels
€ 0,035 each



Price list
from page 121





Flammable gas - Division 2.1 (UN1950 AEROSOLS, FLAMMABLE)





	Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
							ADR	RID	ADN	IMDG	IATA
		130x100	LAB-P210-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Font 6 mm.



Non-flammable, non-toxic gas - Division 2.2

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
							ADR	RID	ADN	IMDG	IATA
		100x100	LAB-T220-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-T220-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓




Non-flammable, non-toxic gas - Division 2.2

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA					
							ADR	RID	ADN	IMDG	IATA	
By air some operator variations require labels with text		50x50	LAB-H220-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓	
		100x100	LAB-N220-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓	
		100x100	LAB-N220-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓	
		100x100	LAB-N220-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓	
		100x100	BOX-N220-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓	
		Container Vehicles	250x250	PAN-N220-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
			250x250	PAN-N220-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
			300x300	PAN-N220-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
			300x300	PAN-N220-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
			300x300	PAN-N220-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
Vehicles		300x300	PAN-N220-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗	
		300x300	PAN-N220-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗	
		300x300	PAN-N220-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗	




Toxic gas - Division 2.3

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
							ADR	RID	ADN	IMDG	IATA
		100x100	LAB-T230-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓






Toxic gas - Division 2.3

	Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA					
							ADR	RID	ADN	IMDG	IATA	
By air some operator variations require labels with text		50x50	LAB-H230-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗	
		100x100	LAB-N230-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓	
		250x250	PAN-N230-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗	
		250x250	PAN-N230-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗	
		300x300	PAN-N230-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗	
	Vehicles		300x300	PAN-N230-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
			300x300	PAN-N230-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
			300x300	PAN-N230-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
			300x300	PAN-N230-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
			300x300	PAN-N230-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

Flammable liquids




	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package 	100x100	LAB-T300-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T300-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T300-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Flammable liquids




	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package 	50x50	LAB-H300-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
	100x100	LAB-N300-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N300-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N300-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N300-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
Container Vehicles 	250x250	PAN-N300-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	250x250	PAN-N300-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N300-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N300-SK3	K2	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
Vehicles 	300x300	PAN-N300-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N300-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N300-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

By air some operator variations require labels with text




Flammable liquids (UN1263)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Container Vehicles 	250x250	PAN-1263-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗
	250x250	PAN-1263-SK	K1	PVC (3 years)	Pack of 40	✗	✗	✗	✓	✗




Flammable liquids (UN1266)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Container Vehicles 	250x250	PAN-1266-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗
	250x250	PAN-1266-SK	K1	PVC (3 years)	Pack of 40	✗	✗	✗	✓	✗

Flammable liquids (UN1993)




	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Container Vehicles 	250x250	PAN-1993-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗

Flammable liquids (UN)





	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package 	120x100	LAB-P304-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	120x100	LAB-P304-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P304-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Font 12 mm.





Flammable liquids (UN1197)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package 	120x100	LAB-P308-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	120x100	LAB-P308-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P308-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓





Flammable liquids (UN1263 PAINT)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
Font 12 mm.		130x100	LAB-P300-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓





Flammable liquids (UN1263)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
Font 12 mm. By air some operator variations require labels with text		120x100	LAB-P302-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-P302-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓





Flammable liquids (UN1266 PERFUMERY PRODUCTS)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
Font 12 mm.		130x100	LAB-P301-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		130x100	LAB-P301-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		130x100	BOX-P301-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

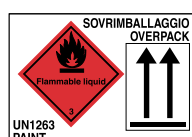



Flammable liquids (UN1866)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
Font 12 mm.		120x100	LAB-P303-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-P303-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

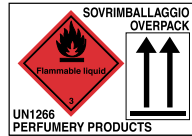



Flammable liquids (UN1993)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
Font 12 mm. By air some operator variations require labels with text		120x100	LAB-N305-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-N305-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

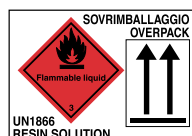



Overpack labels (UN1263 PAINT)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
Font 12 mm.		245x175	LAB-S301-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		245x175	LAB-S301-ZPE	B3	PE (2 years)	Roll of 250	✓	✓	✓	✓	✓


Overpack labels (UN1266 PERFUMERY PRODUCTS)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
		245x175	LAB-S302-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓


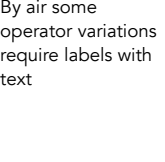

Overpack labels (UN1866 RESIN SOLUTION)

		Dimensions	Serpac	Price	Material	Pack					
		mm	Code	list			ADR	RID	ADN	IMDG	IATA
		245x175	LAB-S303-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Flammable solids, self-reactive substances, polymerizing substances, and solid desensitized explosives - Division 4.1


Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
						ADR	RID	ADN	IMDG	IATA
	100x100	LAB-T410-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Flammable solids, self-reactive substances, and solid desensitized explosives - Division 4.1

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
						ADR	RID	ADN	IMDG	IATA
	50x50	LAB-H410-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
	100x100	LAB-N410-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N410-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N410-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N410-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
	250x250	PAN-N410-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	250x250	PAN-N410-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N410-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N410-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N410-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N410-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗


By air some operator variations require labels with text

Flammable solids, self-reactive substances, and solid desensitized explosives - Division 4.1 (UN 3175)


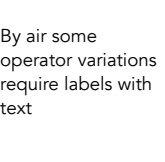
Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
						ADR	RID	ADN	IMDG	IATA
	120x100	LAB-P411-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P411-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Font 12 mm. By air some operator variations require labels with text

Substances liable to spontaneous combustion - Division 4.2



Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
						ADR	RID	ADN	IMDG	IATA
	100x100	LAB-T420-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T420-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T420-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Substances liable to spontaneous combustion - Division 4.2





Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
						ADR	RID	ADN	IMDG	IATA
	100x100	LAB-N420-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N420-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N420-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N420-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
	250x250	PAN-N420-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N420-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N420-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N420-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N420-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

By air some operator variations require labels with text

Substances which, in contact with water, emit flammable gases - Division 4.3

	Dimensions	Serpac	Price	Material	Pack					
	mm	Code	list			ADR	RID	ADN	IMDG	IATA
Package	100x100	LAB-T430-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Substances which, in contact with water, emit flammable gases - Division 4.3

		Dimensions	Serpac	Price	Material	Pack					
							mm	Code	list		
Package		100x100	LAB-N430-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N430-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N430-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
Container Vehicles		250x250	PAN-N430-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
		300x300	PAN-N430-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		300x300	PAN-N430-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-N430-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
Vehicles		300x300	PAN-N430-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

By air some operator variations require labels with text

ONE POSTER FOR FREE DELIVERED WITH EVERY ORDER

N° 6000 Labels
€ 0,035 each



Price list
from page 121



CUSTOMIZED LABELS, PLACARDS, AND PANELS

We produce labels, placards, and panels for the shipment of your dangerous goods!

See page 130





PRODUCTS FOR PACKAGING

See the best products to pack your dangerous goods in the safest way!




See page 80





Oxidizing substances - Division 5.1

	Dimensions mm	Serpac Code	Price list	Material	Pack	Regulations				
						ADR	RID	ADN	IMDG	IATA
Package 	100x100	LAB-T510-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓




Oxidizing substances - Division 5.1

	Dimensions mm	Serpac Code	Price list	Material	Pack	Regulations					
						ADR	RID	ADN	IMDG	IATA	
By air some operator variations require labels with text	Package 	50x50	LAB-H510-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
		100x100	LAB-N510-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N510-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N510-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		100x100	BOX-N510-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
	Vehicles 	250x250	PAN-N510-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		250x250	PAN-N510-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
		300x300	PAN-N510-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		300x300	PAN-N510-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-N510-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
Vehicles	300x300	PAN-N510-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗	

Organic peroxides - Division 5.2

	Dimensions mm	Serpac Code	Price list	Material	Pack	Regulations				
						ADR	RID	ADN	IMDG	IATA
Package 	100x100	LAB-T521-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓


Organic peroxides - Division 5.2

	Dimensions mm	Serpac Code	Price list	Material	Pack	Regulations					
						ADR	RID	ADN	IMDG	IATA	
By air some operator variations require labels with text	Package 	100x100	LAB-N521-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N521-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
		100x100	LAB-N521-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		100x100	BOX-N521-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
		250x250	PAN-N521-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	Vehicles 	300x300	PAN-N521-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		300x300	PAN-N521-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-N521-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-N521-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

UN-CERTIFIED 4G BOXES FOR DANGEROUS GOODS



Ship your dangerous goods in compliance with all regulations!

See page 14



 4G/X31.4/S/23
B/SERPAC-412.060026



Toxic substances - Division 6.1



	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package	100x100	LAB-T610-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T610-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T610-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Toxic substances - Division 6.1



	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package	50x50	LAB-H610-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
	100x100	LAB-N610-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N610-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N610-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N610-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
Container Vehicles	250x250	PAN-N610-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	250x250	PAN-N610-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N610-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N610-SK3	K2	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
Vehicles	300x300	PAN-N610-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N610-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N610-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

By air some operator variations require labels with text

Infectious substances - Division 6.2

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package	60x60	LAB-T621-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T620-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Infectious substances - Division 6.2

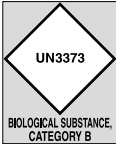
	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
Package	100x100	LAB-N620-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N620-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N620-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
Container Vehicles	250x250	PAN-N620-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗

UN-CERTIFIED PACKAGINGS FOR INFECTIOUS SUBSTANCE UN2814 AND UN2900




See page 82


Biological Substance, Category B (UN3373) - Division 6.2

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
 BIOLOGICAL SUBSTANCE, CATEGORY B	74x90	LAB-1162-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	Font 6 mm.									
74x90	LAB-1161-PC	B2	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓	✓
Font 12 mm.										


Biological Substance, Category B (UN3373) - Division 6.2

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
 MATERIA BIOLOGICA, CATEGORIA B	74x90	LAB-1172-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✗	✗
	74x90	LAB-1172-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✗	✗
Font 6 mm.										
145x180	LAB-1171-PC	B2	Paper (2 years)	Pack of 50	✓	✓	✓	✗	✗	
Font 12 mm.										


Biological Substance, Category B (UN3373) - Division 6.2

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	55x55	LAB-1128-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	110x110	LAB-1127-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓


Biological Substance, Category B (UN3373) - Division 6.2

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	60x20	LAB-1160-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	Font 6 mm.									
115x40	LAB-1159-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓	
Font 12 mm.										








Exempt human specimen - Division 6.2

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	90x20	LAB-1031-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
Font 8 mm.										








Exempt animal specimen - Division 6.2

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	90x20	LAB-1032-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
Font 8 mm.										








Fissile material

	Dimensions mm	Serpac Code	Price list	Material	Pack					
Package 	100x100	LAB-T700-PC	B1	Paper (2 years)	Pack of 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>








Radioactive material - Category I White

	Dimensions mm	Serpac Code	Price list	Material	Pack					
Package 	100x100	LAB-T701-PC	B1	Paper (2 years)	Pack of 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>








Radioactive material - Category II Yellow

	Dimensions mm	Serpac Code	Price list	Material	Pack					
Package 	100x100	LAB-T702-PC	B1	Paper (2 years)	Pack of 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>







Radioactive material - Category III Yellow

	Dimensions mm	Serpac Code	Price list	Material	Pack					
Package 	100x100	LAB-T703-PC	B1	Paper (2 years)	Pack of 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Radioactive material

	Dimensions mm	Serpac Code	Price list	Material	Pack					
Container Vehicles 	250x250	PAN-T704-PP	D1	PVC (5 years)	Pack of 12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Radioactive Material - Excepted Package

	Dimensions mm	Serpac Code	Price list	Material	Pack					
Package 	105x74	LAB-1111-PC	B1	Paper (2 years)	Pack of 50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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N° 6000 Labels
€ 0,035 each












Price list
from page 121



Corrosive substances








	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	100x100	LAB-T801-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T801-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T801-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Corrosive substances

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	50x50	LAB-H801-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
	100x100	LAB-N801-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N801-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N801-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N801-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
Container Vehicles 	250x250	PAN-N801-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	250x250	PAN-N801-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N801-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N801-SK3	K2	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
Vehicles 	300x300	PAN-N801-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N801-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N801-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗








By air some operator variations require labels with text

Corrosive substances (UN)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	120x100	LAB-P803-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	120x100	LAB-P803-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P803-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓





Font 12 mm. By air some operator variations require labels with text

Corrosive substances (UN1760)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	120x100	LAB-P806-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	120x100	LAB-P806-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P806-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Font 12 mm. By air some operator variations require labels with text

Corrosive substances (UN2735)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	120x100	LAB-P802-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P802-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓







Font 12 mm.

Corrosive substances (UN2796)

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	120x100	LAB-P808-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P808-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

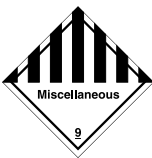


Font 12 mm. By air some operator variations require labels with text

Corrosive substances (UN3266)

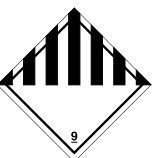




	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
										
Package 	120x100	LAB-P804-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	120x100	BOX-P804-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Font 12 mm.

Miscellaneous dangerous substances and articles




	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
	100x100	LAB-T901-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-T901-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-T901-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Miscellaneous dangerous substances and articles




	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
	50x50	LAB-H900-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
	100x100	LAB-N900-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N900-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-N900-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-N900-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
	250x250	PAN-N900-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	250x250	PAN-N900-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N900-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-N900-SK3	K2	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
	300x300	PAN-N900-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N900-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
	300x300	PAN-N900-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗

By air some operator variations require labels with text




Miscellaneous dangerous substances and articles (Lithium battery)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
	100x100	LAB-L916-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	100x100	LAB-L916-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	100x100	BOX-L916-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓




Miscellaneous dangerous substances and articles (UN3077)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
	250x250	PAN-3077-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗
	250x250	PAN-3077-SK	K1	PVC (3 years)	Pack of 40	✗	✗	✗	✓	✗

Miscellaneous dangerous substances and articles (UN3082)








	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
	250x250	PAN-3082-PP	D1	PVC (5 years)	Pack of 12	✗	✗	✗	✓	✗
	250x250	PAN-3082-SK	K1	PVC (3 years)	Pack of 40	✗	✗	✗	✓	✗

Miscellaneous dangerous substances and articles ID8000 Consumer commodity

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
	130x100	LAB-P902-PC	B1	Paper (2 years)	Pack of 50	✗	✗	✗	✗	✓
	130x100	LAB-P902-ZPE	B1	PE (2 years)	Roll of 500	✗	✗	✗	✗	✓
	130x100	BOX-P902-ZPE	RB1	PE (2 years)	Box of 3000	✗	✗	✗	✗	✓








Font 12 mm. By air some operator variations require labels with text

Miscellaneous dangerous substances and articles (UN)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		120x100	LAB-P906-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		120x100	LAB-P906-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-P906-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Font 12 mm. By air some operator variations require labels with text

Miscellaneous dangerous substances and articles - Lithium battery (UN3090)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		120x100	LAB-L919-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-L919-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Font 12 mm.

Miscellaneous dangerous substances and articles - Lithium battery (UN3091)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		120x100	LAB-L920-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		120x100	LAB-L920-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-L920-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓






Font 12 mm.

Miscellaneous dangerous substances and articles - Lithium battery (UN3480)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		120x100	LAB-L917-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		120x100	LAB-L917-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-L917-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Font 12 mm.

Miscellaneous dangerous substances and articles - Lithium battery (UN3481)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		120x100	LAB-L921-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-L921-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Font 12 mm.

Miscellaneous dangerous substances and articles (UN1845 - DRY ICE)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		130x100	LAB-P903-PC	B1	Paper (2 years)	Pack of 50	✗	✗	✗	✗	✓
		130x100	LAB-P903-ZPE	B1	PE (2 years)	Roll of 500	✗	✗	✗	✗	✓
		130x100	BOX-P903-ZPE	RB1	PE (2 years)	Box of 3000	✗	✗	✗	✗	✓








Font 12 mm. By air some operator variations require labels with text

Miscellaneous dangerous substances and articles (UN3077)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		Package									
		120x100	LAB-P907-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		120x100	LAB-P907-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		120x100	BOX-P907-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Font 12 mm. By air some operator variations require labels with text

Miscellaneous dangerous substances and articles (UN3082)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		120x100	LAB-P905-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
120x100	LAB-P905-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓		
120x100	BOX-P905-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓		








Font 12 mm. By air some operator variations require labels with text

Miscellaneous dangerous substances and articles (UN3171)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		130x100	LAB-P915-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
130x100	BOX-P915-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓		








Font 12 mm.

Miscellaneous dangerous substances and articles (UN3509)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		120x100	LAB-P913-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
120x100	LAB-P913-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓		
120x100	BOX-P913-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓		

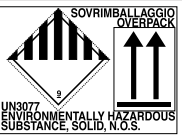






Font 12 mm.

Miscellaneous dangerous substances and articles (UN3316)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		120x100	LAB-P904-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

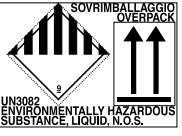






Font 12 mm. By air some operator variations require labels with text

Overpack labels (UN3077 ENVIRONMENTALLY ...)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		245x175	LAB-S901-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓








Marine Pollutant Mark to be added. Font 12 mm. By air some operator variations require labels with text

Overpack labels (UN3082 ENVIRONMENTALLY ...)

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		245x175	LAB-S902-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓








Marine Pollutant Mark to be added. Font 12 mm. By air some operator variations require labels with text

UN3077 Class 9 + Marine Pollutant Mark

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		295x150	LAB-P908-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
300x150	LAB-P908-ZPE	B3	PE (2 years)	Roll of 250	✓	✓	✓	✓	✓		









Font 12 mm. By air some operator variations require labels with text
Sold in multiples of 500 packs.

UN3082 Class 9 + Marine Pollutant Mark






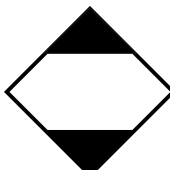

		Dimensions mm	Serpac Code	Price list	Material	Pack	 ADR	 RID	 ADN	 IMDG	 IATA
		295x150	LAB-P909-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
300x150	LAB-P909-ZPE	B3	PE (2 years)	Roll of 250	✓	✓	✓	✓	✓		

Font 12 mm. By air some operator variations require labels with text
Sold in multiples of 500 packs.






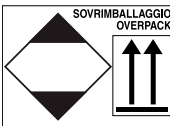
Marine Pollutant Mark

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Package	110x110	LAB-1183-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-1183-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-1183-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-1183-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓
Container Vehicles		250x250	PAN-1183-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		250x250	PAN-1183-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
		300x300	PAN-1183-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		300x300	PAN-1183-SK3	K2	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
Vehicles		300x300	PAN-1183-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-1183-FX	P06	Plastic	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-1183-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗







Limited Quantity (Cap. 3.4)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Package	55x55	LAB-1241-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✗
		55x55	LAB-1241-ZPE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
		110x110	LAB-1220-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✗
		110x110	LAB-1220-PVC	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✗
		110x110	LAB-1220-RCC	B1	Opaque paper	Roll of 500	✓	✓	✓	✓	✗
		110x110	BOX-1220-RCC	RB1	Opaque paper	Box of 3000	✓	✓	✓	✓	✗
		110x110	LAB-1220-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✗
		110x110	BOX-1220-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✗
Container Vehicles		250x250	PAN-1220-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		250x250	PAN-1220-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗
		300x300	PAN-1220-PP3	D2	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
		300x300	PAN-1220-PPA	M06	Aluminum	Pack of 2	✓	✓	✓	✗	✗
		300x300	PAN-1220-PRC	M02	Folding steel	Pack of 2	✓	✓	✓	✗	✗







Overpack labels (Cap. 3.4)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Package	245x175	LAB-S008-PC	B3	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✗
		245x175	LAB-S008-ZPE	B3	PE (2 years)	Roll of 250	✓	✓	✓	✓	✗

Limited Quantity

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Package	55x55	LAB-1242-PC	A1	Paper (2 years)	Pack of 50	✗	✗	✗	✗	✓
		55x55	LAB-1242-ZPE	A1	PE (2 years)	Roll of 500	✗	✗	✗	✗	✓
		110x110	LAB-1237-PC	B1	Paper (2 years)	Pack of 50	✗	✗	✗	✗	✓
		110x110	LAB-1237-ZPE	B1	PE (2 years)	Roll of 500	✗	✗	✗	✗	✓
		110x110	BOX-1237-ZPE	RB1	PE (2 years)	Box of 3000	✗	✗	✗	✗	✓

Excepted quantities - Dangerous goods in excepted quantities

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Package	110x110	LAB-1141-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-1141-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓

Complete with the primary class or division.

Excepted quantities Class 3 - Dangerous goods in excepted quantities

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package		110x110	LAB-1219-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-1219-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-1219-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓

Lithium Battery Mark

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package		105x76	LAB-LB11-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		105x76	LAB-LB11-ZRC	A1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	LAB-LB21-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-LB21-ZRC	B1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-LB21-ZRC	RB1	Paper (3 years)	Box of 3000	✓	✓	✓	✓	✓

To be completed with UN number and a phone number in case more information is needed.

Lithium Battery Mark (UN3090)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package		105x76	LAB-LB12-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		105x76	LAB-LB12-ZRC	A1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	LAB-LB22-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-LB22-ZRC	B1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-LB22-ZRC	RB1	Paper (3 years)	Box of 3000	✓	✓	✓	✓	✓

To be completed with a phone number in case more information is needed.

Lithium Battery Mark (UN3091)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package		105x76	LAB-LB13-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		105x76	LAB-LB13-ZRC	A1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	LAB-LB23-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-LB23-ZRC	B1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-LB23-ZRC	RB1	Paper (3 years)	Box of 3000	✓	✓	✓	✓	✓

To be completed with a phone number in case more information is needed.

Lithium Battery Mark (UN3480)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package		105x76	LAB-LB14-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		105x76	LAB-LB14-ZRC	A1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	LAB-LB24-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-LB24-ZRC	B1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-LB24-ZRC	RB1	Paper (3 years)	Box of 3000	✓	✓	✓	✓	✓








To be completed with a phone number in case more information is needed.

Lithium Battery Mark (UN3481)








		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package		105x76	LAB-LB15-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		105x76	LAB-LB15-ZRC	A1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	LAB-LB25-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		110x110	LAB-LB25-ZRC	B1	Paper (3 years)	Roll of 500	✓	✓	✓	✓	✓
		110x110	BOX-LB25-ZRC	RB1	Paper (3 years)	Box of 3000	✓	✓	✓	✓	✓

To be completed with a phone number in case more information is needed.








Cargo Aircraft Only (CAO)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		125x110	LAB-1143-PC	B1	Paper (2 years)	Pack of 50	X	X	X	X	✓
		125x110	LAB-1143-ZPE	B1	PE (2 years)	Roll of 500	X	X	X	X	✓
		125x110	BOX-1143-ZPE	RB1	PE (2 years)	Box of 3000	X	X	X	X	✓








Magnetized material

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		112x92	LAB-1102-PC	B1	Paper (2 years)	Pack of 50	X	X	X	X	✓








Keep away from heat

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		74x105	LAB-1107-PC	B1	Paper (2 years)	Pack of 50	X	X	X	X	✓








Cryogenic liquid

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		38x53	LAB-1106-PC	A1	Paper (2 years)	Pack of 50	X	X	X	X	✓
		75x105	LAB-1105-PC	B1	Paper (2 years)	Pack of 50	X	X	X	X	✓

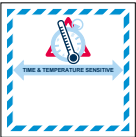






Live Animals

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		110x160	LAB-1173-PC	B1	Paper (2 years)	Pack of 50	X	X	X	X	✓

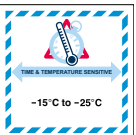






Perishable Label

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		113x82	LAB-1286-PC	B1	Paper (2 years)	Pack of 50	X	X	X	X	✓

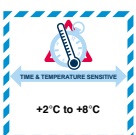






Time & Temperature Sensitive (neutral)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		110x110	LAB-1229-PC	B2	Paper (2 years)	Pack of 50	X	X	X	X	✓
		110x110	LAB-1229-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
		110x110	BOX-1229-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓

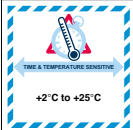
Time & Temperature Sensitive (-15°C to -25°C)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		110x110	LAB-1274-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
		110x110	BOX-1274-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓

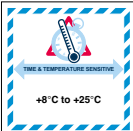
Time & Temperature Sensitive (+2°C to +8°C)

		Dimensions mm	Serpac Code	Price list	Material	Pack					
Package							ADR	RID	ADN	IMDG	IATA
		110x110	LAB-1230-PC	B2	Paper (2 years)	Pack of 50	X	X	X	X	✓
		110x110	LAB-1230-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
		110x110	BOX-1230-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓

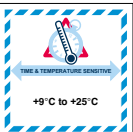
Time & Temperature Sensitive (+2°C to +25°C)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1277-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
	110x110	BOX-1277-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓

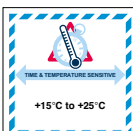
Time & Temperature Sensitive (+8°C to +25°C)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1275-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
	110x110	BOX-1275-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓

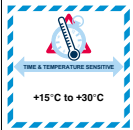
Time & Temperature Sensitive (+9°C to +25°C)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1278-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
	110x110	BOX-1278-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓


Time & Temperature Sensitive (+15°C to +25°C)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1231-PC	B2	Paper (2 years)	Pack of 50	X	X	X	X	✓
	110x110	LAB-1231-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
	110x110	BOX-1231-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓

Time & Temperature Sensitive (+15°C to +30°C)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1273-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
	110x110	BOX-1273-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓


Time & Temperature Sensitive (+20°C to +25°C)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1276-ZRC	B1	Paper (3 years)	Roll of 500	X	X	X	X	✓
	110x110	BOX-1276-ZRC	RB1	Paper (3 years)	Box of 3000	X	X	X	X	✓


Time & Temperature Sensitive (Keep frozen)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1232-PC	B2	Paper (2 years)	Pack of 50	X	X	X	X	✓






Time & Temperature Sensitive (Do not freeze)

Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1233-PC	B2	Paper (2 years)	Pack of 50	X	X	X	X	✓

Time & Temperature Sensitive (Store below +20°C)






Package	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR RID ADN IMDG IATA				
						ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1234-PC	B2	Paper (2 years)	Pack of 50	X	X	X	X	✓

UN

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
UN	120x40	LAB-1145-ZPE	A1	PE (2 years)	Roll of 500					






Font 16 mm.

Net Quantity

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
NET QUANTITY.....	200x23	LAB-1134-PC	B1	Paper (2 years)	Pack of 50					






Font 12 mm.

Net Quantity

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
NET QTY.....	92x16	LAB-1135-PC	B1	Paper (2 years)	Pack of 50					






Font 6 mm.

Overpack (per package)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
OVERPACK	58x16	LAB-1136-PC	A1	Paper (2 years)	Pack of 50					
	120x40	LAB-1331-ZPE	A1	PE (2 years)	Roll of 500					






Font 12 mm (LAB-1136-PC), Font 21 mm (LAB-1331-ZPE)

Overpack (per package / pallet)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
OVERPACK N°.....	97x43	LAB-1137-PC	A1	Paper (2 years)	Pack of 50					






Font 12 mm.

Overpack (per package / pallet)

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
OVERPACK SOVRIMBALLAGGIO	130x40	LAB-1138-PC	A1	Paper (2 years)	Pack of 50					
	120x40	LAB-1138-ZPE	A1	PE (2 years)	Roll of 500					

Font 12 mm.

UN1845 DRY ICE

	Dimensions mm	Serpac Code	Price list	Material	Pack					
						ADR	RID	ADN	IMDG	IATA
UN 1845 DRY ICE Net Quantity.....kg	160x55	LAB-1133-PC	B1	Paper (2 years)	Pack of 50					

Font 12 mm.


Mark "on third party account"

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Vehicles		330x160	PAN-1407-PP	-	PVC (5 years)	Pack of 2	✓	✗	✗	✗	✗


Mark "on own account"

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Vehicles		330x160	PAN-1408-PP	-	PVC (5 years)	Pack of 2	✓	✗	✗	✗	✗

Blind spots panels / angles morts for truck

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Vehicles		170x250	PAN-1649-PP	E2	PVC (5 years)	Pack of 12	✓	✗	✗	✗	✗
		170x250	PAN-1649-SK	L1	PVC (3 years)	Pack of 40	✓	✗	✗	✗	✗

Blind spots panels / angles morts for bus

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Vehicles		170x250	PAN-1650-PP	E2	PVC (5 years)	Pack of 12	✓	✗	✗	✗	✗

Transport unit containing refrigerating or conditioning agents

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Vehicles		215x355	PAN-PSC05-SK	L1	PVC (3 years)	Pack of 40	✓	✗	✗	✗	✗

Transport unit containing refrigerating or conditioning agents







		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
Vehicles		120x120	PAN-SV120-PAR	-	Steel	Pack of 2	✓	✓	✓	✗	✗
		250x250	PAN-SV250-PAR	-	Steel	Pack of 2	✓	✓	✓	✗	✗

DO YOU USE A MARKER TO COMPLETE THE ORANGE PANELS?
 HAVE YOU CHECKED THAT THE LINE THICKNESS COMPLIES WITH THE REGULATIONS?

Ask our experts for the best solutions!









Orange panel marking







		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Container	300x120	PAN-1140-PP	C2	PVC (5 years)	Pack of 12	X	X	X	✓	X
		300x120	PAN-1140-SK	H1	PVC (3 years)	Pack of 40	X	X	X	✓	X
		300x120	PAN-1140-PRI	-	PVC (5 years)	Pack of 12	✓	✓	✓	✓	X
	Vehicles	300x120	PAN-1140-PRC	M04	Folding steel	Pack of 2	✓	✓	✓	X	X

PAN-1140-PRI and PAN-1140-PRC are reflectorized







Orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Container	300x120	PAN-1141-PP	C2	PVC (5 years)	Pack of 12	X	X	X	✓	X
		300x120	PAN-1141-SK	H1	PVC (3 years)	Pack of 40	X	X	X	✓	X







Orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Container	300x120	PAN-1158-PP	C2	PVC (5 years)	Pack of 12	X	X	X	✓	X







Orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Container	300x120	PAN-1161-PP	C2	PVC (5 years)	Pack of 12	X	X	X	✓	X
		300x120	PAN-1161-SK	H1	PVC (3 years)	Pack of 40	X	X	X	✓	X


Orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Container	300x120	PAN-1164-PP	C2	PVC (5 years)	Pack of 12	X	X	X	✓	X
		300x120	PAN-1164-SK	H1	PVC (3 years)	Pack of 40	X	X	X	✓	X


Orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
	Container	300x120	PAN-1159-PP	C2	PVC (5 years)	Pack of 12	X	X	X	✓	X
		300x120	PAN-1159-SK	H1	PVC (3 years)	Pack of 40	X	X	X	✓	X

Orange panel marking


		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 PAN-1142-PRI and PAN-1142-PRC are reflectorized	Container	400x300	PAN-1142-PP	E1	PVC (5 years)	Pack of 12	X	X	X	✓	X
	Vehicles	400x300	PAN-1142-PRI	-	PVC (5 years)	Pack of 12	X	X	X	✓	X
		400x300	PAN-1142-PRC	M05	Folding steel	Pack of 2	✓	✓	✓	X	X
		400x300	PAN-1142-PPA	M07	Aluminum	Pack of 2	✓	✓	✓	X	X

Non-retroreflective orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	Vehicles	400x300	PAN-1143-PP	E1	PVC (5 years)	Pack of 12	✓	✓	✓	X	X
		400x300	PAN-1143-SK	L1	PVC (3 years)	Pack of 40	✓	✓	✓	X	X


The panels must be completed with a Hazard Identification number and UN number. Suitable to carry dangerous goods by road ADR 5.3.2.2.1, only for containers carrying dangerous solid substances in bulk and for tank-containers, MEGCs and portable tanks.

Non-retroreflective orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	Vehicles	400x300	PAN-1201-PP	E1	PVC (5 years)	Pack of 12	✓	✓	✓	X	X
		400x300	PAN-1201-SK	L1	PVC (3 years)	Pack of 40	✓	✓	✓	X	X


Suitable to ship by road ADR 5.3.2.2.1, only for tank-containers or portable tanks.

Non-retroreflective orange panel marking

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	Vehicles	400x300	PAN-1210-PP	E1	PVC (5 years)	Pack of 12	✓	✓	✓	X	X
		400x300	PAN-1210-SK	L1	PVC (3 years)	Pack of 40	✓	✓	✓	X	X

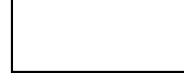
Suitable to carry dangerous goods by road ADR 5.3.2.2.1, only for containers carrying dangerous solid substances in bulk and for tank-containers, MEGCs, and portable tanks.

Non-retroreflective orange panel marking






		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	Vehicles	400x300	PAN-1200-PP	E1	PVC (5 years)	Pack of 12	✓	✓	✓	X	X
		400x300	PAN-1200-SK	L1	PVC (3 years)	Pack of 40	✓	✓	✓	X	X

Suitable for transport by road ADR 5.3.2.2.1, only for tank-containers, MEGCs, or portable tanks.






Various labels

		Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Suitable to write PSN for transport in tanks.	Cisterna	520x90	PAN-1207-PP	C1	PVC (5 years)	Pack of 12	X	X	X	✓	X



Label with number 1

1			Dimensions mm	Serpac Code	Price list	Material	Pack					
	Container	1	55x80	NUM-0001-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	1	75x115	NUM-M001-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗






Label with number 2

2			Dimensions mm	Serpac Code	Price list	Material	Pack					
	Container	2	55x80	NUM-0002-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	2	75x115	NUM-M002-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Label with number 3

3			Dimensions mm	Serpac Code	Price list	Material	Pack					
	Container	3	55x80	NUM-0003-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	3	75x115	NUM-M003-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗






Label with number 4

4			Dimensions mm	Serpac Code	Price list	Material	Pack					
	Container	4	55x80	NUM-0004-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	4	75x115	NUM-M004-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Label with number 5

5			Dimensions mm	Serpac Code	Price list	Material	Pack					
	Container	5	55x80	NUM-0005-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	5	75x115	NUM-M005-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Label with number 6

6			Dimensions mm	Serpac Code	Price list	Material	Pack					
	Container	6	55x80	NUM-0006-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	6	75x115	NUM-M006-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗


1263

← To complete panels 300x120 mm use numbers with dimensions 80x55 mm, the font of the labels numbers 80x55 is 65 mm


To complete panels 400x300 mm use numbers with dimensions 115x75 mm, the font of the labels numbers 115x75 is 105 mm

90
3082 →

Label with number 7

7		Dimensions mm	Serpac Code	Price list	Material	Pack						
							ADR	RID	ADN	IMDG	IATA	
Minimum purchase of 12 pieces. Choice of different numbers.	Container	7	55x80	NUM-0007-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	Vehicles	7	75x115	NUM-M007-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗


Label with number 8

8		Dimensions mm	Serpac Code	Price list	Material	Pack						
							ADR	RID	ADN	IMDG	IATA	
Minimum purchase of 12 pieces. Choice of different numbers.	Container	8	55x80	NUM-0008-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	Vehicles	8	75x115	NUM-M008-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗


Label with number 9

9		Dimensions mm	Serpac Code	Price list	Material	Pack						
							ADR	RID	ADN	IMDG	IATA	
Minimum purchase of 12 pieces. Choice of different numbers.	Container	9	55x80	NUM-0009-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	Vehicles	9	75x115	NUM-M009-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Label with number 0

0		Dimensions mm	Serpac Code	Price list	Material	Pack						
							ADR	RID	ADN	IMDG	IATA	
Minimum purchase of 12 pieces. Choice of different numbers.	Container	0	55x80	NUM-0000-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	Vehicles	0	75x115	NUM-M000-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Label with an "X"

X		Dimensions mm	Serpac Code	Price list	Material	Pack						
							ADR	RID	ADN	IMDG	IATA	
Minimum purchase of 12 pieces. Choice of different numbers.	Vehicles	X	75x115	NUM-M00X-SPP	C1	PVC (5 years)	Pack of 12	✓	✓	✓	✗	✗

Supports and panels for placards and panels

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
Vehicles		300x300	PAN-0000-PAA	M08	Aluminum	Pack of 2	✓	✓	✓	✗	✗
		400x300	PAN-0001-PAA	M09	Aluminum	Pack of 2	✓	✓	✓	✗	✗

Supports and panels for placards and panels

		Dimensions mm	Serpac Code	Price list	Material	Pack					
							ADR	RID	ADN	IMDG	IATA
Vehicles		140x140	SUPP-SV120-PAZ	-	Steel	Pack of 2	✓	✓	✓	✗	✗
		270x270	SUPP-SV250-PAZ	-	Steel	Pack of 2	✓	✓	✓	✗	✗
		300x300	SUPP-0001-PAZ	M10	Steel	Pack of 2	✓	✓	✓	✗	✗
		400x300	SUPP-0002-PAZ	M11	Steel	Pack of 2	✓	✓	✓	✗	✗





Steel orange panel 33+1993

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-1317-PMR	M12	Steel	Pack of 2					
										

Steel orange panel 23+1965

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-B1203-PMR	M12	Steel	Pack of 2					
										

Steel orange panel 30+1202

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-B1256-PMR	M12	Steel	Pack of 2					
										

Steel orange panel 33+1203

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-B1257-PMR	M12	Steel	Pack of 2					
										

Steel orange panel 90+3077

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-B1210-PMR	M12	Steel	Pack of 2					
										

Steel orange panel 90+3082

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-B1200-PMR	M12	Steel	Pack of 2					
										











Support for panels

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	SUPP-913FH-PMR	M14	Steel	Pack of 2					
										

Fireproof orange panel marking, to be completed

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	400x300	PAN-B1142-PMR	-	Steel	Pack of 2					
										

Kit of numbers and letters for fireproof orange panel marking

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
 Vehicles 	117x70	NUM-KIT33-PMR	-	Steel	Pack of 25					
										

IBC capable of being stacked

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	120x100	LAB-1334-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓

IBC capable of being stacked

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1238-PP	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓

IBC NOT capable of being stacked

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	110x110	LAB-1239-PP	B4	PVC (5 years)	Pack of 50	✓	✓	✓	✓	✓

Shunt with care

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	74x105	LAB-1217-PP	B4	PVC (5 years)	Pack of 50	✗	✓	✗	✗	✗

Loose shunting or hump shunting forbidden

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	74x105	LAB-1218-PP	B4	PVC (5 years)	Pack of 50	✗	✓	✗	✗	✗


Unit under fumigation

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	400x300	PAN-1240-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗

Mark for elevated temperature substances

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	300x300	PAN-1145-PP	D1	PVC (5 years)	Pack of 12	✓	✓	✓	✓	✗
	300x300	PAN-1145-SK	K1	PVC (3 years)	Pack of 40	✓	✓	✓	✓	✗

Protect from the frost

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	80x105	LAB-PB02-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
	80x105	LAB-PB02-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
	80x105	BOX-PB02-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓






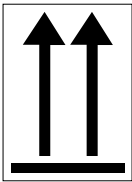


Fragile

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	220x70	LAB-1151-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓






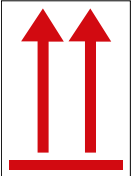

Fragile

	Dimensions mm	Serpac Code	Price list	Material	Pack	ADR	RID	ADN	IMDG	IATA
	100x100	LAB-1157-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓






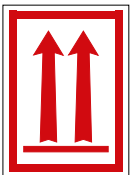

Package orientation black

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		45x60	LAB-1113-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		45x60	LAB-1113-PE	A1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		82x113	LAB-1112-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		82x113	LAB-1112-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		82x113	BOX-1112-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓








Package orientation red

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		43x59	LAB-1115-PC	A1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		82x113	LAB-1114-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓






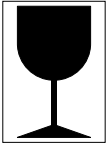

Package orientation red

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		43x58	LAB-1147-PC	A1	Paper (2 years)	Pack of 50	✗	✗	✗	✗	✓
		82x113	LAB-1146-PC	B1	Paper (2 years)	Pack of 50	✗	✗	✗	✗	✓








Alto

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		220x70	LAB-1152-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓






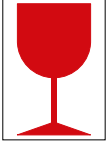

Fragile black

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		82x113	LAB-1154-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓
		82x113	LAB-1154-ZPE	B1	PE (2 years)	Roll of 500	✓	✓	✓	✓	✓
		82x113	BOX-1154-ZPE	RB1	PE (2 years)	Box of 3000	✓	✓	✓	✓	✓







Package orientation, fragile, keep dry

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		225x115	LAB-1150-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓








Fragile red

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		82x113	LAB-1155-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Keep dry

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		82x113	LAB-1156-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

Vetro

		Dimensions mm	Serpac Code	Price list	Material	Pack					
		220x70	LAB-1153-PC	B1	Paper (2 years)	Pack of 50	✓	✓	✓	✓	✓

LABELS AND MARKS IN THERMOWRAPPED PACKS FOR PACKAGES




PRICE LIST COLUMN			A1			B1			B2			B3			B4		
Examples of placards / marks of the corresponding column:			NET QUANTITY OVERPACK LIMITED QUANTITIES			Hazard labels Class 1, 2, 3, 4, 5... Marine Pollutant Mark UN / LQ			Time and Temperature Sensitive			Labels + marks			Hazard labels Class 1, 2, 3, 4, 5... in PVC		
label / mark code			LAB-.....-PC packs of 50 pcs			LAB-.....-PC packs of 50 pcs			LAB-.....-PC packs of 50 pcs			LAB-.....-PC packs of 50 pcs			LAB-.....-PVC packs of 50 pcs		
TOTAL purchase quantity			quantity packs		each	quantity packs		each	quantity packs		each	quantity packs		each	quantity packs		each
label price for		1 pack		50	0,20		50	0,23		50	0,24		50	0,34		50	0,41
label price for		2 packs		100	0,19		100	0,21		100	0,22		100	0,32		100	0,39
label price for		3 packs		150	0,18		150	0,20		150	0,21		150	0,31		150	0,38
label price for		4 packs		200	0,17		200	0,19		200	0,20		200	0,30		200	0,37
label price for		5 packs		250	0,16		250	0,18		250	0,19		250	0,29		250	0,36
label price for		6 packs		300	0,16		300	0,17		300	0,18		300	0,28		300	0,35
label price for		7 packs		350	0,16		350	0,17		350	0,18		350	0,28		350	0,35
label price for		8 packs		400	0,16		400	0,17		400	0,18		400	0,28		400	0,35
label price for		9 packs		450	0,16		450	0,17		450	0,18		450	0,28		450	0,35
label price from	10 to	14 packs	500	700	0,14	500	700	0,16	500	700	0,17	500	700	0,27	500	700	0,34
label price from	15 to	19 packs	750	950	0,13	750	950	0,15	750	950	0,16	750	950	0,26	750	950	0,33
label price from	20 to	29 packs	1000	1450	0,11	1000	1450	0,14	1000	1450	0,15	1000	1450	0,25	1000	1450	0,32
label price from	30 to	39 packs	1500	1950	0,10	1500	1950	0,13	1500	1950	0,14	1500	1950	0,24	1500	1950	0,31
label price from	40 to	49 packs	2000	2450	0,09	2000	2450	0,12	2000	2450	0,13	2000	2450	0,23	2000	2450	0,30
label price from	50 to	59 packs	2500	2950	0,08	2500	2950	0,11	2500	2950	0,12	2500	2950	0,22	2500	2950	0,29
label price from	60 to	79 packs	3000	3950	0,08	3000	3950	0,10	3000	3950	0,11	3000	3950	0,21	3000	3950	0,28
label price from	80 to	99 packs	4000	4950	0,08	4000	4950	0,09	4000	4950	0,10	4000	4950	0,20	4000	4950	0,27
label price from	100 to	149 packs	5000	7450	0,07	5000	7450	0,08	5000	7450	0,09	5000	7450	0,19	5000	7450	0,26
label price from	150 to	200 packs	7500	10000	0,06	7500	10000	0,07	7500	10000	0,08	7500	10000	0,18	7500	10000	0,25

Calculation of labels' price in PACKS:




Consider the total quantity of all desired packs belonging to the same price list column of the yellow chart. E.g., for the purchase of 3 packs of class 2 labels (column B1, Euro 0.20 each) + 3 packs of class 4 labels (column B1, Euro 0.20 each), see line "label price for 6 packs" (column B1, euro 0.17 each). For columns B1 and B2 only, consider the different prices for each column, based on the total quantity of all desired packs. E.g., for the purchase of 7 packs in the B1 column + 3 packs in the B2 column, see the prices in the "10 to 14 packs" line.

Example:





Same column (e.g. B1)

 Quantity N° 300 labels, Code LAB-T430-PC, Col. B1 Euro 0,17 each	+	 Quantity N° 200 labels, Code LAB-T300-PC, Col. B1 Euro 0,19 each	+	 Quantity N° 50 labels, Code LAB-1237-PC, Col. B1 Euro 0,23 each	=	Total N° 550 labels Quantity N° 550 labels, column list B1 Euro 0,16 each
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Column B1 and column B2

 Quantity N° 450 labels, Code LAB-N610-PC, Col. B1 Euro 0,17 each	+	 Quantity N° 200 labels, Code LAB-N410-PC, Col. B1 Euro 0,19 each	+	 Quantity N° 500 labels, Code LAB-1229-PC, Col. B2 Euro 0,17 each	=	Total N° 1150 labels Quantity N° 650 labels, column list B1 Euro 0,14 each Quantity N° 500 labels, column list B2 Euro 0,15 each
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LABELS AND MARKS FOR PACKAGES IN THERMOWRAPPED ROLLS

PE								
PRICE LIST COLUMN		A1		B1		B3		
Examples of placards / marks of the corresponding column:		UN...		Hazard labels Class 1, 2, 3, 4, 5... Marine Pollutant Mark UN / LQ		Labels + marks		
labels / marks in BOXES	label / mark code 		LAB-.....-ZPE rolls of 250 pcs 		LAB-.....-ZPE rolls of 500 pcs 		LAB-.....-ZPE rolls of 500 pcs 	
	TOTAL purchase quantity		quantity	each	quantity	each	quantity	each
	label price for	1 roll	250	0,100	500	0,090	500	0,190
	label price for	2 rolls	500	0,090	1000	0,080	1000	0,180
	label price for	3 rolls	750	0,090	1500	0,070	1500	0,170
	label price for	4 rolls	1000	0,080	2000	0,060	2000	0,160
	label price for	5 rolls	1250	0,080	2500	0,060	2500	0,160
	label price for	6 rolls	1500	0,070	* 3000	0,050	3000	0,150
	label price for	7 rolls	1750	0,070	3500	0,048	3500	0,150
	label price for	8 rolls	2000	0,060	4000	0,046	4000	0,150
	label price for	9 rolls	2250	0,060	4500	0,044	4500	0,150
	label price for	10 rolls	2500	0,060	5000	0,042	5000	0,140
	label price for	11 rolls	2750	0,060	5500	0,042	5500	0,140
	label price for	12 rolls	3000	0,050	* 6000	0,040	6000	0,140
	label price for	13 rolls	3250	0,050	6500	0,039	6500	0,140
	label price for	14 rolls	3500	0,050	7000	0,038	7000	0,140
	label price for	15 rolls	3750	0,050	7500	0,037	7500	0,140
	label price for	16 rolls	4000	0,050	8000	0,036	8000	0,130
	label price for	18 rolls	4500	0,050	* 9000	0,035	9000	0,130
label price for	20 rolls	5000	0,040	10000	0,033	10000	0,130	
label price for	40 rolls	10000	0,030	20000	0,030	20000	0,120	




* To buy rolls with only one code, see RB1 price list

Calculation of labels' price in ROLLS:



For the purchase of different products, you will get a price reduction if the products belong to the same column and the same category. E.g., for the purchase of 3 rolls of class 2 (Category B1, Euro 0.070 each) and 3 packs of class 4 (Category B1, Euro 0.070 each) you will pay the price of 6 rolls of category B1 (Euro 0.050 each).

Example:

Same column (e.g. B1)

 <p>Quantity N° 500 labels, Code LAB-N300-ZPE, Col. B1 Euro 0,90 each</p>	+	 <p>Quantity N° 500 labels, Code LAB-N801-ZPE, Col. B1 Euro 0,090 each</p>	+	 <p>Quantity N° 1000 labels, Code LAB-1220-ZPE, Col. B1 Euro 0,060 each</p>	=	<p>Total N° 2000 labels Quantity N° 2000 labels, column list B1 Euro 0,060 each</p>
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LABELS AND MARKS FOR PACKAGES IN THERMOWRAPPED ROLLS IN BOXES

PE				
PRICE LIST COLUMN		RB1		
Examples of placards / marks of the corresponding column:		Hazard labels Class 1, 2, 3, 4, 5... Marine Pollutant Mark UN / LQ		
labels / marks in BOXES	label / mark code	BOX-.....ZPE		
		rolls of 500 pcs  box of 3000 packs		
	TOTAL purchase quantity		quantity packs	each
	label price for	1 box	3000	0,040
	label price for	2 boxes	6000	0,035
	label price for	3 boxes	9000	0,030
	label price for	4 boxes	12000	0,028
label price for	6 boxes	18000	0,026	
label price for	8 boxes	24000	0,024	

The total quantity of the order:

If you buy different products, you will get a price reduction.
For example: if you buy a box of class 3 hazard labels (Euro 0.040), a box of class 9 hazard labels (Euro 0.040), and a box of marks (Euro 0.040) you will pay price for three boxes (Euro 0.030).

Main features of our rolls

Protective thermowrapped rolls

For better protection from dust and moisture.

Compliant and long-lasting adhesive

The adhesive is resistant after being immersed for 3 months in seawater as required by IMDG Code 5.2.2.2.1.7.

Easy to separate and secure

The zig-zag perforation support allows you to use only the labels you need without ruining the others.



Simple and quick to apply

Easy to detach (from the support) for fast application.

Material: Polyethylene PE

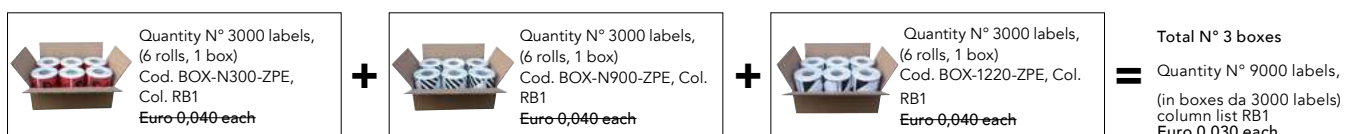
Printed with UV and weather exposure resistant coating.

Updated technical features

Labels are always updated and in compliance with ADR, RID, ADN, IMDG, ICAO-TI / IATA Regulations.


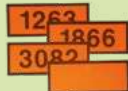



Example:

Same column (e.g RB1)



LABELS AND MARKS FOR CONTAINERS AND VEHICLES IN THERMOWRAPPED PACKS (12 PCS)

Permanent adhesive with indoor and outdoor shelf life of 5 years




PRICE LIST COLUMN			C1			C2			D1			D2			E1		
Examples of placards marks of the corresponding column:			Numbers for panels			Orange Panel Marking 300x120			Placards 25x25 cm Class 1, 2, 3, 4, 5... LIMITED QUANTITIES Marine Pollutant Mark			Placards 30x30 cm Class 1, 2, 3, 4, 5... Marine Pollutant Mark			Orange Panel Marking 400x300		
Placards / marks / Orange Panel Markings in packs of 12 pieces	code placca / pannello		PAN-.....-PP packs of 12 pcs 			PAN-.....-PP packs of 12 pcs 			PAN-.....-PP packs of 12 pcs 			PAN-.....-PP3 packs of 12 pcs 			PAN-.....-PP packs of 12 pcs 		
	TOTAL purchase quantity			quantity packs	each	quantity packs	each	quantity packs	each	quantity packs	each	quantity packs	each	quantity packs	each		
	label price for	1 pack	12	1,50	12	1,80	12	2,80	12	3,00	12	3,20	12	3,20			
	label price for	2 packs	24	1,40	24	1,70	24	2,50	24	2,70	24	2,90	24	2,90			
	label price for	3 packs	36	1,30	36	1,60	36	2,20	36	2,40	36	2,60	36	2,60			
	label price for	4 packs	48	1,20	48	1,50	48	2,10	48	2,30	48	2,50	48	2,50			
	label price for	5 packs	60	1,10	60	1,40	60	2,00	60	2,20	60	2,40	60	2,40			
	label price for	6 packs	72	1,00	72	1,30	72	1,90	72	2,10	72	2,30	72	2,30			
	label price for	7 packs	84	1,00	84	1,30	84	1,80	84	2,00	84	2,20	84	2,20			
	label price for	8 packs	96	1,00	96	1,30	96	1,70	96	1,90	96	2,10	96	2,10			
	label price for	9 packs	108	1,00	108	1,30	108	1,60	108	1,80	108	2,00	108	2,00			
	label price from	10 to 14 packs	120	168	0,80	120	168	1,10	120	168	1,50	120	168	1,70	120	168	1,90
	label price from	15 to 19 packs	180	228	0,75	180	228	1,05	180	228	1,45	180	228	1,65	180	228	1,85
	label price from	20 to 29 packs	240	348	0,70	240	348	1,00	240	348	1,40	240	348	1,60	240	348	1,80
	label price from	30 to 39 packs	360	468	0,65	360	468	0,96	360	468	1,35	360	468	1,55	360	468	1,75
	label price from	40 to 49 packs	480	588	0,60	480	588	0,93	480	588	1,30	480	588	1,50	480	588	1,70
	label price from	50 to 59 packs	600	708	0,50	600	708	0,90	600	708	1,25	600	708	1,45	600	708	1,65
	label price from	60 to 79 packs	720	948	0,47	720	948	0,87	720	948	1,20	720	948	1,40	720	948	1,60
label price from	80 to 99 packs	960	1188	0,45	960	1188	0,85	960	1188	1,15	960	1188	1,35	960	1188	1,55	
label price from	100 to 149 packs	1200	1788	0,42	1200	1788	0,82	1200	1788	1,10	1200	1788	1,30	1200	1788	1,50	
label price from	150 to 200 packs	1800	2400	0,40	1800	2400	0,80	1800	2400	0,99	1800	2400	1,19	1800	2400	1,45	

Calculation of labels' price:




For the purchase of different products, you will get a price reduction if the products belong to the same column and the same category. E.g., if you buy 3 packs of class 2 placards (Price list D1, Euro 2.20 each) and 3 packs of class 3 placards (price list D1, Euro 2.20 each) and 3 packs of orange panels (price list C2, Euro 1.60 each) you will pay the price of 6 packs of price list D1.

Example:

Same column (e.g. D1)





 Quantity N° 84 placards, Code PAN-N300-PP, Col. D1, Euro 1,80 each	+	 Quantity N° 36 placards, Code PAN-N801-PP, Col. D1, Euro 2,20 each	+	 Quantity N° 60 placards, Code PAN-1183-PP, Col. D1, Euro 2,00 each	=	Quantity N° 180 placards, column list D1, Euro 1,45 each
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Different columns

 Quantity N° 120 placards, Code PAN-N900-PP, Col. D1, Euro 1,50 each	+	 Quantity N° 120 placards, Code PAN-1183-PP, Col. D1, Euro 1,50 each	+	 Quantity N° 120 panels, Code PAN-1159-PP, Col. C2, Euro 1,10 each	=	Quantity N° 240 placards, column list D1, Euro 1,40 each Quantity N° 120 panels, column list C2, Euro 1,10 each
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LABELS AND MARKS FOR CONTAINERS AND VEHICLES IN THERMOWRAPPED PACKS (40 PCS)

Permanent adhesive with indoor and outdoor shelf life of 3 years.




PRICE LIST COLUMN			H1			K1			K2			L1		
Examples of placards marks of the corresponding column:			Panels 300x120			Placche 25x25 cm Class 1, 2, 3, 4, 5... LIMITED QUANTITIES Marine Pollutant Mark			Placche 30x30 cm Class 1, 2, 3, 4, 5...			Panels 400x300		
label / panel code			PAN-.....-SK packs of 40 pcs 			PAN-.....-SK packs of 40 pcs 			PAN-.....-SK3 packs of 40 pcs 			PAN-.....-SK packs of 40 pcs 		
TOTAL purchase quantity			quantity packs		each	quantity packs		each	quantity packs		each	quantity packs		each
			from	to		from	to		from	to		from	to	
vendita placche in packs of 40 packs	label price for	1 pack		40	0,95		40	1,10		40	1,25		40	1,60
	label price for	2 packs		80	0,86		80	1,00		80	1,14		80	1,48
	label price for	3 packs		120	0,77		120	0,90		120	1,03		120	1,36
	label price for	4 packs		160	0,73		160	0,85		160	0,97		160	1,29
	label price for	5 packs		200	0,69		200	0,81		200	0,93		200	1,23
	label price for	6 packs		240	0,68		240	0,79		240	0,90		240	1,19
	label price for	7 packs		280	0,66		280	0,77		280	0,88		280	1,16
	label price for	8 packs		320	0,65		320	0,75		320	0,85		320	1,13
	label price for	9 packs		360	0,63		360	0,73		360	0,83		360	1,10
	label price from	10 to 14 packs	400	560	0,61	400	560	0,70	400	560	0,79	400	560	1,06
	label price from	15 to 19 packs	600	760	0,57	600	760	0,66	600	760	0,75	600	760	1,01
	label price from	20 to 24 packs	800	960	0,54	800	960	0,63	800	960	0,72	800	960	0,97
	label price from	25 to 29 packs	1000	1160	0,52	1000	1160	0,60	1000	1160	0,68	1000	1160	0,93
	label price from	30 to 39 packs	1200	1560	0,47	1200	1560	0,55	1200	1560	0,63	1200	1560	0,87
	label price from	40 to 49 packs	1600	1960	0,43	1600	1960	0,50	1600	1960	0,57	1600	1960	0,81
	label price from	50 to 74 packs	2000	2960	0,41	2000	2960	0,48	2000	2960	0,55	2000	2960	0,78
	label price from	75 to 99 packs	3000	3960	0,40	3000	3960	0,45	3000	3960	0,51	3000	3960	0,74
	label price from	100 to 124 packs	4000	4960	0,39	4000	4960	0,44	4000	4960	0,50	4000	4960	0,72
	label price from	125 to 199 packs	5000	7960	0,38	5000	7960	0,43	5000	7960	0,48	5000	7960	0,70
label price from	200 to 249 packs	8000	9960	0,37	8000	9960	0,42	8000	9960	0,47	8000	9960	0,68	
label price from	250 to 300 packs	10000	12000	0,36	10000	12000	0,41	10000	12000	0,46	10000	12000	0,66	

Calculation of labels' price:



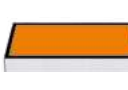
For the purchase of different products, you will get a price reduction if the products belong to the same column and the same category. E.g., If you buy 3 packs of class 2 placards (Price list K1, Euro 0.90 each) and 3 packs of class 4 placards (price list K1, Euro 0.90 each) you will pay the price of 6 packs of price list D1 (Euro 0.79 each). E.g., If you buy 3 packs of class 2 placards (Price list K1, Euro 0.90 each) and 3 packs of class 3 placards (price list K1, Euro 0.90 each) and 3 packs of orange panels (price list H1, Euro 0.77 each) you will pay the price of 6 packs of column K1 (Euro 0.79 each) while the price for the orange panels will be the one indicated on the "label price for 3 packs" (price list H1, Euro 0.77 each).

Example:


Same column (e.g. K1)

	Quantity N° 40 placards, Code PAN-N210-SK, Col. K1, Euro 1,10 each	+		Quantity N° 80 placards, Code PAN-N430-SK, Col. K1, Euro 1,00 each	+		Quantity N° 120 placards, Code PAN-N521-SK, Col. K1, Euro 0,90 each	=	Quantity N° 240 placards, column list K1, Euro 0,79 each
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Different columns

	Quantity N° 600 placards, Code PAN-N220-SK, Col. K1, Euro 0,66 each	+		Quantity N° 600 placards, Code PAN-N900-SK, Col. K1, Euro 0,66 each	+		Quantity N° 1200 panels, Code PAN-1140-SK, Col. H1, Euro 0,47 each	=	Quantity N° 1200 placards, column list K1, Euro 0,55 each Quantity N° 1200 panels, column list H1, Euro 0,47 each
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GHS01 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0001-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0001-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0001-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0001-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0001-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0001-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces


GHS02 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0002-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0002-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0002-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0002-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0002-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0002-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces


GHS03 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0003-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0003-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0003-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0003-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0003-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0003-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces


GHS04 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0004-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0004-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0004-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0004-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0004-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0004-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces


GHS05 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0005-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0005-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0005-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0005-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0005-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0005-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces


GHS06 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0006-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0006-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0006-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0006-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0006-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0006-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces


GHS07 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0007-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0007-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0007-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0007-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0007-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0007-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces

GHS08 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0008-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0008-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0008-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0008-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0008-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0008-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces

GHS09 Pictogram

	Dimensions mm	Serpac Code	Price list	Description	Material	Pack
	55x55	GHS-0009-PC	G1	For package / inner packaging	Paper	Pack of 50 pieces
	55x55	GHS-0009-ZPE	G2	For package / inner packaging	PE	Rolls of 500 pieces
	50x50	GHS-0009-F06	G3	For package / inner packaging	Paper	Pre-cut sheets of 6 pieces
	40x40	GHS-0009-F12	G3	For package / inner packaging	Paper	Pre-cut sheets of 12 pieces
	30x30	GHS-0009-F20	G3	For package / inner packaging	Paper	Pre-cut sheets of 20 pieces
	20x20	GHS-0009-F40	G3	For package / inner packaging	Paper	Pre-cut sheets of 40 pieces

ONE FREE POSTER FOR EACH ORDER OF GHS PICTOGRAMS

Pictograms or GHS hazard symbols?

From the 1st of June 2015, all substances and mixtures must be classified, labeled and packaged in accordance with 1272/2008/CE-CLP Regulations. Products with old orange hazard symbols can no longer be put on the market.



PICTOGRAMS PRICE LIST

in packs of 50 pictograms				in rolls of 500 pictograms				in single sheets or packs of 50 sheets			
Pictograms 55x55 mm				Pictograms 55x55 mm				Pictograms 20x20 mm in sheets of 40 labels Pictograms 30x30 mm in sheets of 20 labels Pictograms 40x40 mm in sheets of 12 labels Pictograms 50x50 mm in sheets of 6 labels			
Price list column G1				Price list column G2				Price list column G3			
Price list				Price list				Price list			
quantity packs		each		quantity packs		each		quantity packs		each	
total N° pictograms	total N° packs	pack Euro	Pictogram Euro	N° Pictograms	N° rolls	each roll Euro	each Pictogram Euro	N° sheets	N° packs 50 sheets	pack Euro	sheet Euro
50	1	10,00	0,20	500	1	45,00	0,09	single < 100*		---	0,80
100	2	9,50	0,19	1.000	2	40,00	0,08	single < 300*			0,50
150	3	9,00	0,18	1.500	3	35,00	0,07	single < 500*			0,40
200	4	8,50	0,17	2.000	4	30,00	0,06	50	1	30,00	0,60
250	5	8,00	0,16	2.500	5	30,00	0,06	100	2	25,00	0,50
300	6	8,00	0,16	3.000	6	25,00	0,05	150	3	23,50	0,47
350	7	8,00	0,16	3.500	7	25,00	0,05	200	4	22,00	0,44
400	8	8,00	0,16	4.000	8	25,00	0,05	250	5	20,00	0,40
450	9	8,00	0,16	4.500	9	25,00	0,05	300	6	18,00	0,36
500	10	7,00	0,14	5.000	10	20,00	0,04	350	7	18,00	0,36
750	15	6,50	0,13	5.500	11	20,00	0,04	400	8	17,50	0,35
1.000	20	5,50	0,11	6.000	12	20,00	0,04	450	9	17,50	0,35
1.500	30	5,00	0,10	6.500	13	20,00	0,04	500	10	17,00	0,34
2.000	40	4,50	0,09	7.000	14	15,00	0,03	600	12	16,50	0,33
2.500	50	4,00	0,08	7.500	15	15,00	0,03	700	14	16,00	0,32
3.000	60	4,00	0,08	8.000	16	15,00	0,03	800	16	15,50	0,31
4.000	80	4,00	0,08	8.500	17	15,00	0,03	900	18	15,00	0,30
5.000	100	3,50	0,07	9.000	18	15,00	0,03	1.000	20	14,50	0,29
7.500	150	3,00	0,06	10.000	20	10,00	0,02	1.500	30	13,50	0,27

* Minimum purchase 5 sheets for type

Calculation of labels' price:

Sum up the quantity of pack / rolls / sheets of the same column you want to buy (G1, G2 or G3).

For example, to buy 4 packs of GHS-0002-PC and 6 packs of GHS-0008-PC, see the price for 10 packs in the yellow column (Euro 0,14 each).

E.g., to buy 2 rolls of GHS-0002-ZPE and 4 rolls of GHS-0008-ZPE, see the price of 6 rolls of the orange column (Euro 0,05 each).

E.g., to buy 5 sheets of GHS-0002-F06 and 25 sheets of GHS-0008-F06, see the price of the line single < 100 of the green columns (Euro 0,80 each). E.g., to buy 4 packs of 50 sheets of pictograms GHS-0002-F06 and 2 packs of 50 sheets of GHS-0008-F06, see the price of 300 sheets of the green column (Euro 0,36 each).

Price: VAT not included.

Free transport for orders ≥ Euro 150,00 + VAT.

Price list valid until 31st December 2022.

HAZARD PICTOGRAMS (Regulations 1272/2008/CE - CLP)

GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
01/12/2010	01/12/2012				01/06/2015	01/06/2017		
substances put on the market after 01/12/2010		substances put on the market before 01/12/2010		mixtures put on the market after 01/06/2015		mixtures put on the market before 01/06/2015		KEY
							Labeling according to 67/548/CEE and 1999/45CE Regulations or 1272/2008 Regulations	
							Labeling according to 1272/2008 Regulations	

SPECIFICATIONS OF CLP HAZARD LABELS

Do not improvise! Verify with your specialist the validity of your CLP label

The substances or blends classified as hazardous contained in a packaging must be supplied with a label which includes the following information:

- Name, address, and telephone number of the supplier;
- Quantity of the substance / blend contained in a packaging offered by the user;
- Identifiers of the product;
- Hazard pictogram(s) (the minimum surface of each GHS must be at least 1 cm²).

The label and the inner GHS dimensions must be done according to the capacity of the packaging on which it will be attached.

Shown below are some specifications about the CLP label dimensions and GHS hazard pictograms.

Packaging capacity	Label minimum dimensions (mm)	Each Pictogram minimum dimensions (mm)
Less than 3 liters	52x74	Superior to 10x10, if possible 16x16
More than 3 but less than 50 liters	74x105	23x23
More than 50 but less than 500 liters	105x148	32x32
More than 500 liters	148x210	46x46

An example of a label with the specific information which must be present:

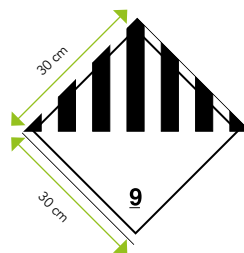
Product identifier	ACISOL	Serpac Srl Via Tiepolo 24 20054 Segrate - Milano Tel. (+39) 02 218 71 585	Name, address and telephone number of the supplier
Hazard indication	It contains: turpentine oil Flammable Liquids and gas It causes serious ocular irritation It can cause sleepiness or dizziness		
Cautionary advice	Keep away from heat/sparks/open flames/hot surfaces – No smoking Keep the container tightly closed Wear suitable protective clothing, gloves and eye/face protection Remove/Take off all contaminated clothing immediately Keep in a well-ventilated place		
Supplementary information	Repeated exposure may cause skin dryness or cracking	Warning	Warning
Quantity	10 Liters	 	Pictograms



Serpac Code	Available placards
PAN-N210-PPA	Class 2.1
PAN-N220-PPA	Class 2.2
PAN-N230-PPA	Class 2.3
PAN-N300-PPA	Class 3
PAN-N410-PPA	Class 4.1
PAN-N420-PPA	Class 4.2
PAN-N430-PPA	Class 4.3
PAN-N510-PPA	Class 5.1
PAN-N521-PPA	Class 5.2
PAN-N610-PPA	Class 6.1
PAN-N801-PPA	Class 8
PAN-N900-PPA	Class 9
PAN-1220-PPA	LQ
PAN-1183-PPA	EHS

METAL PLACARDS

- Suitable to transport dangerous goods ADR, RID, ADN, IMDG.
- In PVC on aluminum support.
- Weather-resistant.
- The adhesive is such that it will still be identifiable on a package surviving at least 3 months of immersion in the sea (IMDG Code - 5.2.2.2.1.7).



The support is provided with a tab to secure the placard or panel once inserted, so as to avoid any overturn or detachment due to impacts or unintentional acts during transport.

Price list column	Euro each						
	2	4	8	12	18	22	32
M06	14,20	11,38	9,98	9,25	8,95	8,59	8,44



400x300 mm

METAL ORANGE PANELS

- Metal orange panels for vehicles and containers.
- In packs of 2 pieces.
- Neutral orange panels or preprinted with UN number.
- Possibility to buy adhesive numbers to complete the orange panel.

Serpac Code	Price list	Support dimensions	Euro each						
			2	4	8	12	18	22	32
PAN-1142-PPA	M07	400x300	13,00	10,50	10,00	9,50	9,00	8,80	8,50



300x300 mm



400x300 mm

SUPPORT FOR PANELS AND PLACARDS

- Suitable for vehicles and containers.
- In packs of 2 pieces.
- Made of stainless steel.
- Equipped with locking tab to secure placards and panels.
- To be fixed on vehicles and containers with 4 screws.

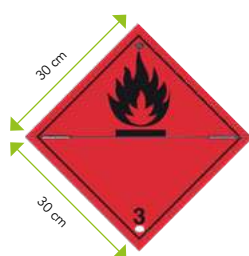
Serpac Code	Price list	Support dimensions	Euro each						
			2	4	8	12	18	22	32
SUPP-0001-PAZ	M10	300x300	26,12	22,13	19,98	18,98	18,18	18,60	17,45
SUPP-0002-PAZ	M11	400x300	27,75	23,70	21,49	20,43	19,58	19,45	18,79



Serpac Code	Available placards
PAN-N210-PRC	Class 2.1
PAN-N220-PRC	Class 2.2
PAN-N230-PRC	Class 2.3
PAN-N300-PRC	Class 3
PAN-N410-PRC	Class 4.1
PAN-N420-PRC	Class 4.2
PAN-N430-PRC	Class 4.3
PAN-N510-PRC	Class 5.1
PAN-N521-PRC	Class 5.2
PAN-N610-PRC	Class 6.1
PAN-N801-PRC	Class 8
PAN-N900-PRC	Class 9
PAN-1220-PRC	LQ
PAN-1183-PRC	EHS
PAN-1144-PRC	A WASTE

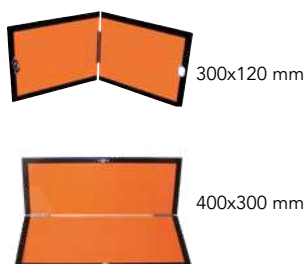
FOLDING METAL PLACARDS

- Suitable to transport dangerous goods ADR, RID, ADN, IMDG.
- In PVC on aluminum support.
- Weather-resistant.
- The adhesive is such that it will still be identifiable on a package surviving at least 3 months of immersion in the sea (IMDG Code - 5.2.2.2.1.7).



The support is provided with a tab to secure the placard or panel once inserted, so as to avoid any overturn or detachment due to impacts or unintentional acts during transport.

Price list column	2	4	8	Euro each			
				12	18	22	32
M02	32,70	30,00	28,65	28,20	26,98	26,87	25,81
M03	38,85	36,04	34,63	33,07	32,76	31,57	31,42



FOLDING METAL ORANGE PANELS

- Folding metal orange panels for vehicles and containers.
- In packs of 2 pieces.
- Neutral orange panels or preprinted with UN number.
- Option to buy adhesive numbers to complete the orange panel.

Serpac Code	Price list	Support dimensions	Euro each						
			2	4	8	12	18	22	32
PAN-1140-PRC	M04	300x120	27,26	24,47	23,06	21,87	21,57	20,76	20,61
PAN-1142-PRC	M05	400x300	38,14	35,32	33,92	32,41	32,11	30,97	30,82

ADR BAGS AND EQUIPMENT FOR PEOPLE AND VEHICLES

Find out more about products and prices!

See page 139



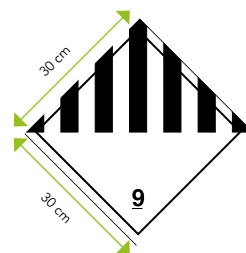
PLASTIC PANELS AND PLACARDS OF 3 MM



Serpac Code	Available placards
PAN-N210-FX	Class 2.1
PAN-N220-FX	Class 2.2
PAN-N230-FX	Class 2.3
PAN-N300-FX	Class 3
PAN-N410-FX	Class 4.1
PAN-N420-FX	Class 4.2
PAN-N430-FX	Class 4.3
PAN-N510-FX	Class 5.1
PAN-N521-FX	Class 5.2
PAN-N610-FX	Class 6.1
PAN-N801-FX	Class 8
PAN-N900-FX	Class 9
PAN-1183-FX	EHS

PLASTIC PANELS AND PLACARDS OF 3 mm

- Suitable to transport dangerous goods by ADR, RID, AND, IMDG.
- In PVC on aluminum support.
- Weather-resistant.
- The adhesive is such that the panel will still be identifiable on a package surviving at least 3 months of immersion in the sea (IMDG Code - 5.2.2.2.1.7).

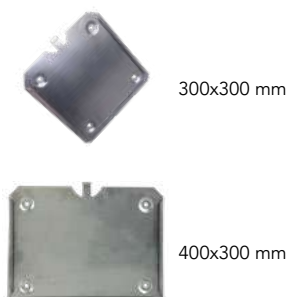


The support is provided with a tab to secure the placard or panel once inserted, so as to avoid any overturn or detachment due to impacts or unintentional acts during transport.

Price list column	Euro each						
	2	4	8	12	18	22	32
P06	14,62	12,81	10,99	10,15	9,48	9,01	8,84

SUPPORT FOR PANELS AND PLACARDS

- Suitable for vehicles and container.
- In packs of 2 pieces.
- Made of stainless steel.
- Equipped with locking tab to secure placards and panels.
- To be fixed on vehicles and containers with 4 screws.



Serpac Code	Price list	Support dimensions	Euro each						
			2	4	8	12	18	22	32
SUPP-0001-PAZ	M10	300x300	26,12	22,13	19,98	18,98	18,18	18,60	17,45
SUPP-0002-PAZ	M11	400x300	27,75	23,70	21,49	20,43	19,58	19,45	18,79







NEW INSTRUCTIONS IN WRITING ADR 2023

Stay compliant with regulations!

See page 136











Serpac Code	Available panels
PAN-B1200-PMR	 90 + 3082
PAN-B1203-PMR	 23 + 1965
PAN-B1210-PMR	 90 + 3077
PAN-B1256-PMR	 30 + 1202
PAN-B1257-PMR	 33 + 1203
PAN-B1317-PMR	 33 + 1993

FIREPROOF STEEL ORANGE PANEL MARKING

- Compliant with the transport of dangerous goods by road ADR.
- Made of metallic material fireproof.
- UN number embossed on the panel.
- Light and impact resistant.
- Strong resistance to atmospheric agents.



The support is provided with a tab to secure the placard or panel once inserted, so as to avoid any overturn or detachment due to impacts or unintentional acts during transport.

	Environmentally Hazardous Substances (liquids)		GPL
	Environmentally Hazardous Substances (solids)		Gasoline
	Flammable liquids		Diesel

Price list column	Euro each				
	2	4	8	10	20
M12	25,49	21,53	17,77	16,76	17,53

SUPPORT FOR PANELS AND PLACARDS

- Suitable for vehicles and containers.
- In packs of 2 pieces.
- Made of stainless steel.
- Equipped with locking tab to secure placards and panels.
- To be fixed on vehicles and containers with 4 screws.



400x300 mm

Serpac Code	Price list	Support dimensions	Euro each				
			1	2	4	8	10
SUP-913FH-PMR	M14	400x300	35,25	27,90	21,95	18,81	17,77

COMPOSABLE ORANGE PANEL + KIT OF NUMBERS AND LETTERS

- Completable orange panel available in a pack of 2 pieces.
- Letters and numbers in packs of 25 pieces.
- Made of stainless steel.
- The orange panel to be fixed on vehicles and containers with support.
- Fireproof.



400x300 mm

Serpac Code	Price list	Support dimensions	Euro each				
			1	2	4	8	10
PAN-B1142-PMR	-	400x300	46,25	41,25	35,10	30,63	28,81
NUM-KIT33-PMR	-	117x70	62,04	49,96	42,51	40,08	37,92



DOCUMENTS INDEX

Shipper's Declaration for Dangerous Goods

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Instructions in writing ADR 2023

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Multimodal Dangerous Goods Form

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Instructions in writing RID 2023

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IMO Dangerous Goods Declaration

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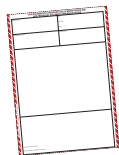
Document holders for fibreboard boxes

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Documentation for shipments ADR / RID / ADN

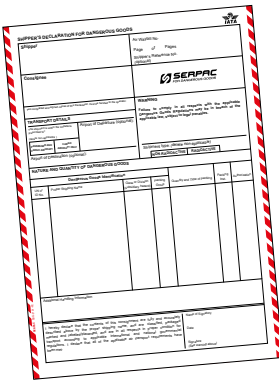
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Document holders for wooden boxes

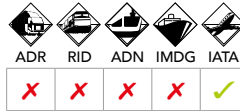
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SHIPPER'S DECLARATION FOR DANGEROUS GOODS

Documents to ship dangerous goods by air IATA. Printable from any PC or any managing software, compliant with IATA regulation requirements in format and design.



Serpac code	Print from	Language	Pack of	Price Euro per document			
				5	100	150	200
SDG-2101-PC	Any PC*	English	50	0,23	0,21	0,20	0,19
SDG-2102-PC	Managing software	English	50	0,23	0,21	0,20	0,19

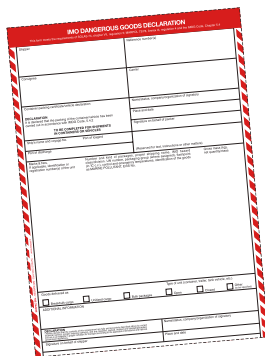


MULTIMODAL DANGEROUS GOODS FORM

Documents for multimodal shipments of dangerous goods (ADR, RID, ADN, IMDG). Printable from any PC, compliant with IMDG regulation requirements in format and design.

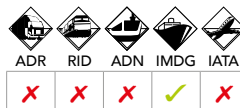


Serpac code	Print from	Language	Pack of	Price Euro per document			
				5	100	150	200
MDG-2103-PC	Any PC*	English	50	0,23	0,21	0,20	0,19
DOC-2104-PC	Any PC*	Ita / Eng	50	0,23	0,21	0,20	0,19
DOC-2108-PC**	Any PC*	Ita / Eng	50	0,23	0,21	0,20	0,19

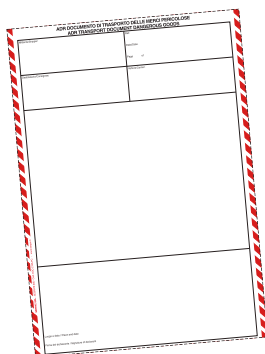


IMO DANGEROUS GOODS DECLARATION

Documents to ship dangerous goods by sea IMDG. Printable from any PC, compliant with IMDG regulation requirements in format and design.

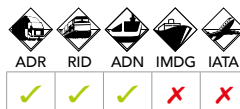


Serpac code	Print from	Language	Pack of	Price Euro per document			
				5	100	150	200
IDG-2105-PC	Any PC*	English	50	0,23	0,21	0,20	0,19



TRANSPORT DOCUMENTS ADR / RID / ADN

Documents to ship dangerous goods by road ADR, RID, ADN. Printable from any PC, compliant with ADR, RID, and ADN regulation requirements in format and design.



Serpac code	Print from	Language	Pack of	Price Euro per document			
				5	100	150	200
DOC-2106-PC	Any PC*	Ita / Eng	50	0,23	0,21	0,20	0,19

* Don't know how to print and fill the void spaces? Ask us for a free printing file.

INSTRUCTIONS IN WRITING ADR 2023

- ADR 2023 instructions in color, as requested in ADR.
- 10 pieces pack.
- No. 2 languages in heavy coated paper: Italian and German;
- Other languages in heavy non-coated paper.



ADR 2023

For the transport of dangerous goods, you must use a unique model in 4 pages, valid for all dangerous goods. The duty of giving written instructions to the crew is not the sender's but the carrier's job. These instructions must be given by the carrier to the crew before the departure and they must be written in a language or languages that every member of the crew can read and understand. The carrier must make sure that every member of the crew understands correctly the instructions and is able to apply them.



ADR 2023 instruction in writing price list												
Packs	1	2	3	4	5	10	15	20	30	40	50	100
Pieces	10	20	30	40	50	100	150	200	300	400	500	1000
Price Euro	2,50	2,30	2,20	2,10	2,00	1,70	1,60	1,50	1,40	1,30	1,20	1,10
Tot. Euro	25,00	46,00	66,00	84,00	100,00	170,00	240,00	300,00	420,00	520,00	600,00	1100,00

INSTRUCTIONS IN WRITING RID 2023

- RID 2023 instructions in color, as requested in RID.
- 10 pieces pack.
- No. 4 languages in heavy non-coated paper: Italian, French, German, and Spanish.



RID 2023

Also for the transport by railroad, you must give written instructions to the relevant staff. You must use a unique model in 4 pages, valid for all dangerous goods. The written instructions must be in a language or languages that every member of the crew can read and understand. They are available in Italian, English, German, and Spanish. In heavy paper. Packages of 10 pieces (or multiple).



RID 2023 instruction in writing price list												
Packs	1	2	3	4	5	10	15	20	30	40	50	100
Pieces	10	20	30	40	50	100	150	200	300	400	500	1000
Price Euro	2,50	2,30	2,20	2,10	2,00	1,70	1,60	1,50	1,40	1,30	1,20	1,10
Tot. Euro	25,00	46,00	66,00	84,00	100,00	170,00	240,00	300,00	420,00	520,00	600,00	1100,00

ADHESIVE BAGS DOCUMENT HOLDER

Transparent autoadhesive bags made of plastic to hold documents. The autoadhesive bags do not need anything else (for example glue, adhesive tapes, etc) to be fixed on the package or on the pallet.

Fast and easy to apply, adhering to all surfaces and protecting the documents.



BST-A005-NT



BST-A003-NT

Serpac code	Outer dim. mm	Inner dim. mm	Pack of	Price Euro per pack			
				1	2	3	4
BST-A005-NT	235x125	220x110	1000	0,075	0,704	0,068	0,067
BST-A003-NT	235x175	260x160	1000	0,076	0,071	0,069	0,068



MULTIMODAL DANGEROUS GOODS FORM

Document holder plates (Packing list) for wooden boxes, provided with a polyethylene bag to insert the documents. The plates must be fixed to the wooden box with nails (not supplied). Fast and easy to apply.



PL-001-NT



PL-002-NT



PL-003-NT

Serpac code	Outer dim. mm	Inner dim. mm	Pack of	Price Euro per pack			
				1	2	3	4
PL-001-NT	245x195	220x170	50	Price on demand			
PL-002-NT	245x195	220x170	50	Price on demand			
PL-003-NT	245x195	220x170	50	Price on demand			





PRODUCTS FOR CARRIERS INDEX

**ADR
Bags**

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**Transport unit
equipment**

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**Personal
equipment**

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**ADR-compliant
drain seals**

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As prescribed in section 8.1.5 of ADR, every unit of transport for dangerous goods must be supplied with the proper general equipment and individual protections. This equipment must be defined according to the dangers found in the dangerous goods, on the basis of the label models associated with them.

ADR bag: chart with illustrative purposes of items in ADR bag

- A blocker with the right dimensions
- 2 self-supporting warning signals
- eye wash liquid
- one shovel
- drain seal
- one receptacle for collection
- one warning vest
- one portable lamp
- a pair of protection gloves
- eyes protection goggles
- emergency mask



	Labels 1, 1.1, 1.5, 1.6	Labels 2.1, 2.2, 2.3	Label 3	Label 4.1	Label 4.2	Label 4.3	Label 5.1	Label 5.2	Label 6.1	Label 6.2	Labels 7A, 7B, 7C, 7E	Label 8	Label 9	Label 9A
For every vehicle	●	●	●	●	●	●	●	●	●	●	●	●	●	●
For every transport mean	●	●	●	●	●	●	●	●	●	●	●	●	●	●
For every crew member	●	●	●	●	●	●	●	●	●	●	●	●	●	●



EMPTY ADR BAG

Handy and strong, ideal for containing all the necessary equipment for the transport of dangerous goods ADR.

Danger labels: None

Content: Empty

Type	Serpac code	Outer dimensions (mm)	Price Euro each				
			1	2	3	5	10
B00	BORSA-D00-ADR	520x320x470h	47,70	40,20	34,70	33,30	27,25

ADR BAG, MODEL B01

B01 bag is essential for those who always carry dangerous goods. It contains all the necessary equipment for the transport of any dangerous substance by ADR. The products are compliant with ADR and the Italian Highway Code.



Danger labels:



Content: Nr. 2 self-standing warning signs, eye rising liquid, shovel, drain seal, collecting container, warning vest, portable lighting ATEX, nr. 2 batteries AA, pair of protective gloves, eye protection, semi-facial emergency escape mask with filter.

Type	Serpac code	Outer dimensions (mm)	Price Euro each				
			1	2	3	5	10
B01	BORSA-01-ADR	520x320x470h	355,80	333,30	320,20	310,90	288,75

ADR BAG, MODEL B02

It contains all the necessary equipment for those who carry dangerous goods labeled with class 1, 1.4, 1.5, 1.6, 2.1, and 2.2. All the products are compliant with ADR and the Italian Highway Code.

Danger labels:



Content: Nr. 2 self-standing warning signs, warning vest, portable lighting ATEX, nr. 2 batteries AA, pair of protective gloves, eye protection.

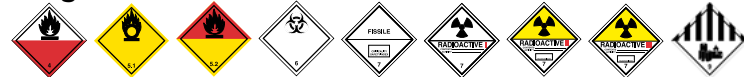


Type	Serpac code	Outer dimensions (mm)	Price Euro each				
			1	2	3	5	10
B02	BORSA-02-ADR	520x320x470h	160,88	143,88	135,88	131,98	124,94

ADR BAG, MODEL B03

It contains all the necessary equipment for those who carry dangerous goods labeled with class 4.2, 5.1, 5.2, 6.2, 7, and 9A. All the products are compliant with ADR and the Italian Highway Code.

Danger labels:



Content: Nr. 2 self-standing warning signs, eye rising liquid, warning vest, portable lighting ATEX, nr. 2 batteries AA, pair of protective gloves, eye protection.



Type	Serpac code	Outer dimensions (mm)	Price Euro each				
			1	2	3	5	10
B03	BORSA-03-ADR	520x320x470h	164,88	147,88	139,88	134,98	128,94

ADR BAG, MODEL B04

It contains all the necessary equipment for those who carry dangerous goods labeled with class 2.3, and 6.1. All the products are compliant with ADR and the Italian Highway Code.

Danger labels:



Content: Nr. 2 self-standing warning signs, eye rising liquid, warning vest, portable lighting ATEX, nr. 2 batteries AA, pair of protective gloves, eye protection, facial emergency escape mask with filter ADR.



Type	Serpac code	Outer dimensions (mm)	Price Euro each				
			1	2	3	5	10
B04	BORSA-04-ADR	520x320x470h	206,10	187,50	178,42	173,21	165,64

ADR BAG, MODEL B05

It contains all the necessary equipment for those who carry dangerous goods labeled with class 3, 4.1, 4.3, 8, and 9. All the products are compliant with ADR and the Italian Highway Code.

Danger labels:



Content: Nr. 2 self-standing warning signs, eye rising liquid, shovel, drain seal, collecting container, warning vest, portable lighting ATEX, nr. 2 batteries AA, pair of protective gloves, eye protection.



Type	Serpac code	Outer dimensions (mm)	Price Euro each				
			1	2	3	5	10
B05	BORSA-05-ADR	520x320x470h	314,58	293,07	281,04	272,82	252,85



WARNING VEST

This vest is fluorescent for very high visibility, supplied with a label complete with all information. Compliant with EN ISO 20471:2013, with ADR and the Italian Highway Code.

Serpac code	Size	Color	EN ISO 20471 compliant	Price Euro each				
				1	2	3	5	10
IND-01-ADR	One	Orange	Yes	12,15	8,52	7,53	6,73	5,24



PROTECTION GLOVES

Our gloves are ambidextrous and wearable on another pair of gloves. Light and flexible, they can resist the most dangerous liquids. The personal equipment we supply is compliant with ADR.

Serpac code	Size	Chemical agents resistant	Price Euro pack				
			1	2	3	5	10
GUA-01-ADR	One	Yes	26,21	22,31	20,71	19,24	18,20



ATEX LED TORCH - ZONE 0

Our ATEX-certified torch light with LED lamp is compliant to be used in "Zone 0, II 1GD Ex ia IIC T4". It is designed on purpose to use it wearing gloves. Compliant with ADR.

Serpac code	Lumen	Lighting range	Batteries (non-included)	Price Euro each				
				1	2	3	5	10
EX-5380-SB	112 lm	81 m	Nr. 2 Type AA	48,55	41,10	37,65	34,10	30,85
EX-6180-SB	60 lm	61 m	Nr. 2 Type D	50,60	43,05	39,60	35,90	32,55



ATEX LED TORCH - ZONE 1 AND 2

Our ATEX-certified torch light with LED lamp is compliant to be used in "Zone 1 e 2, II 2G Ex ib op is IIC T4 Gb, II 2D Ex ib IIIC T130°C Db". Useful to light an area without using hands. Compliant with ADR.

Serpac code	Lumen	Lighting range	Batteries (included)	Price Euro each				
				1	2	3	5	10
EX-2780-SB	135>45 lm	62 m	Rech. Lithium	79,05	70,55	66,10	60,50	55,20



EYES PROTECTION GOGGLES

Wearable on another pair of glasses, these goggles are safe for your eyes, and absorb 99,9% of UV rays. Comfortable to wear and long-lasting, perfectly fitting with the nasal profile. Compliant with ADR.

Serpac code	Size	Chemical agents resistant	Price Euro each				
			1	2	3	5	10
PRO-01-ADR	One	Yes	11,42	7,82	6,57	5,40	4,67

EMERGENCY MASKS WITH SUITABLE FILTERS

Our emergency masks, complete with a filter, are easy to clean and sanitize. They do not cause any allergy or irritation. Our equipment is compliant with ADR.



Codice Serpac	Size	Filter type	Mask type	Price Euro each				
				1	2	3	5	10
MAS-01-ADR	One	A1B1E1K1P3	Semi-facial	54,64	47,82	43,14	39,27	36,62
MAS-02-ADR	One	A2B2E2K2P3	Facial	127,36	113,66	107,02	100,52	95,72

SELF-SUPPORTING WARNING SIGNALS

Made in vulcanized rubber with high elasticity, these signals have high resistance to shocks due to impacts with vehicles and wheels. The conical part is painted with age-reducing varnishes and enhances weather resistance. With reflective bands to increase visibility. Compliant with ADR and the Italian Highway Code.



Serpac code	Dimensions cm	Weight kg	Material	Price Euro each				
				1	2	3	5	10
SEG-01-ADR	27x27x51h	2,5	Rubber	32,53	26,03	24,03	20,53	17,53

EYEWASH LIQUID

Our eyewash liquid is a sterile solution of sodium chloride 0,9% and is supplied with a useful eye cap. Available in a 500 ml bottle, it is complete with a label containing all the use symbols. Compliant with ADR.



Serpac code	Dimensions cm	Bottle ml	Price Euro each				
			1	2	3	5	10
LIQ-01-ADR	6x27,5h	500	13,35	9,71	8,39	7,16	6,36

NON-SPARKLING SHOVEL

Non-sparkling shovel, easily foldable. Pin and joints are self-lubricant. Completely made in nylon glass fiber 30%. Compliant with ADR.



Serpac code	Dimensions (open) cm	Dimensions (folded) cm	Pack of	Price Euro each				
				1	2	3	5	10
BAD-N001-SB	99x23	50x23	1	31,00	25,98	23,48	20,48	17,48

SERPAC DRAIN SEAL

The Serpac drain seal seals the drain openings and adapts also to uneven surfaces. It is resistant to chemical substances, water, oil and to many chemicals. Unlike alternative clay pads, it's easy to clean and reuse. Suitable not only for ADR kits, but also in all companies where there are manholes. It complies with the requirements of the ADR.

Choose a drain blocker at least 8 cm bigger than the drain you want to cover.

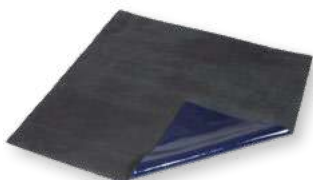


Serpac code	Dimensions cm	Reusable	Price Euro each				
			1	2	3	5	10
ST46X46S10A	46x46x1	Si	134,65	110,72	102,28	97,12	91,33
ST61X61S10A	61x61x1	Si	197,19	180,08	168,32	161,95	150,42
ST76X76S10A	76x76x1	Si	286,20	266,85	252,88	244,20	232,29
ST91X91S10A	91x91x1	Si	375,16	353,72	342,07	327,26	312,98

ADR DRAIN SEAL, CARRIAGEABLE

The real ADR-compliant drain seal, non-sanctionable. It withstands the weight of any vehicle without breaking, suitable to protect drains temporarily when transferring liquids or when there may be leaks or spills. Compliant with ADR.

Choose a drain blocker at least 8 cm bigger than the drain you want to cover.



Serpac code	Dimensions cm	Reusable	Price Euro each				
			1	2	3	5	10
VER-PLR900	46x46x1	Yes	Price on demand				
VER-PLR901	61x61x1x1	Yes	Price on demand				
VER-PLR902	76x76x1	Yes	Price on demand				
VER-PLR903	91x91x1	Yes	Price on demand				

BLOCKER OF ADEQUATE DIMENSIONS

Not included in the ADR bag because normally it is loaded on most means of transport. Suitable for vehicles up to 35q. Made of PVC, light and resistant with a practical handle. Compliant with ADR.



Serpac code	Dimensions cm	Weight q	Material	Price Euro each				
				1	2	3	5	10
CEP-035-ADR	34x16x19h	≤ 35	PVC	38,10	29,48	26,21	23,58	22,67

RECEPTACLE FOR COLLECTION

The receptacle for collection, resistant and long-lasting, is made of PE with hermetic closure with a pressure lid. Provided with buttonholes for the warranty sealing. Compliant with ADR.



Serpac code	Dimensions cm	Capacity L	Material	Price Euro each				
				1	2	3	5	10
REC-01-ADR	22x26h	10	PE	21,80	16,04	12,74	10,09	8,16



PRACTICAL EXAMPLES INDEX

Free video lessons



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Examples of packaging



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Dangerous goods apps



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Examples of labeling, plating and marking for packages, vehicles and containers



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Manuals for the transport of Dangerous goods



Page 150

Labeling overpack ADR / RID / IMDG



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Labels for combination packaging



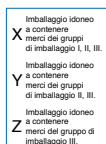
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Packages ADR / RID / IMDG



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Definitions and specifications



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Specifications for transport by air



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FREE VIDEOS, AVAILABLE ON-LINE

INSIGHTS ▾ FREE VIDEO TUTORIALS ▾

VIDEO COURSES 

3D ANIMATIONS

TESTS

Available on www.serpac.it/en, our training videos about the preparation, transport, or proper shipment for the transport of dangerous goods are always available. Here below you can find the description of our most viewed videos.



Choose the correct packaging

06:00

When ADR, RID, ADN, IMDG, or IATA regulations allow you to use a 4G box, this does not mean that any 4G box is suitable to carry your goods in compliance with all regulations. This tutorial shows you how to correctly choose between a 4G and a 4GV box.



4G shipments by air IATA

06:00

This video explains how to prepare and properly ship your dangerous goods using UN-certified 4G packaging. The video explains how to choose, prepare and label the package and how to fill in the documents for the correct and safe shipment of dangerous goods being shipped in compliance with the IATA Regulations.



4GV for ADR, IMDG, and IATA

08:00

The video explains how to prepare and ship correctly dangerous goods, using a certified 4GV package. It shows all the necessary steps for a shipment in compliance with the regulations: the choice of the box, its preparation, the labeling of the package, and the filling of the documents.



UN mark: what is it? What does it tell?

03:00

This video aims to explain what is that long alphanumeric code (UN mark) and what it communicates. The comprehension of a lot of information contained in the UN mark put on the certified packages allows the correct use of the packagings.



Label and mark a package with dangerous goods, shipped in compliance with all the regulations

02:00

This video shows step by step all the requests common to all the regulations for the shipment of dangerous goods and all the additional specifications for the shipments by sea IMDG and by air ICAO-TI/IATA. It's important to underline that, for the shipment of some specific goods, some additional or different information is needed.

**NEW VIDEO AVAILABLE ON WWW.SERPAC.IT/EN
"GUIDE FOR THE SHIPMENT OF DANGEROUS GOODS ADR 2023"**



HERE ARE SOME SCREENSHOTS:

Specifications on the shipment in Limited Quantities.

Package Capacity	Minimum height
≤ 5 L e Kg	Appropriate
≤ 30 L e Kg	6 mm
> 30 L e Kg	12 mm

Instructions about the labeling and marking of the packages.

Instructions about the labeling and marking of the overpack.

Specifications marks, placards and panels.

Panels, marks, and panels on containers.

Transport in tanks in compartments - oil products.

FOR THE COMPLETE VIDEO "GUIDE FOR THE SHIPMENT OF DANGEROUS GOOD ADR 2023" CLICK ON WWW.SERPAC.IT/EN AND CHOOSE FROM THE MENU "FREE VIDEOS"



NEW VIDEO AVAILABLE ON WWW.SERPAC.IT/EN "GUIDE FOR THE SHIPMENT OF DANGEROUS GOODS IMDG 40-20"



HERE ARE SOME SCREENSHOTS:

Specifications on the shipment in Limited Quantities.

Package capacity	Minimum height
≤ 5 L o Kg	Appropriate
≤ 30 L o Kg	8 mm
> 30 L o Kg	12 mm

Instructions about the labeling and marking of the packages.

Instructions about the labeling and marking of the overpack.

Specifications marks, placards and panels.

Panels, marks, and panels of the units.

Panels, marks, and panels on containers.

FOR THE COMPLETE VIDEO "GUIDE FOR THE SHIPMENT OF DANGEROUS GOOD IMDG 41-22" CLICK ON WWW.SERPAC.IT/EN AND CHOOSE FROM THE MENU "FREE VIDEOS"



APPS FOR THE SHIPMENT OF DANGEROUS GOODS

Guide apps, specific for the shipment of different UN numbers by road ADR, by sea IMDG, and by air ICAO-TI/IATA. Exhaustive apps updated and easy to use can help users in every step of the shipment, guiding them through different choices. In detail these apps will explain to you:



How to pack correctly



How to label and mark



Maximum quantities



How to fill the documents



You can download the apps through the market application (Play store or App store), available on your smartphone, typing "Serpac" or the name of the app that you want to download. The Serpac apps, once downloaded, will also work offline. The apps are available for iPhone, iPad, Smartphone, and Android Tablets.

SOME APPS SCREENSHOTS



FREE SERPAC APPS



App name: BIO HAZMAT

Description: BIO HAZMAT is an application that will guide you step by step to prepare your shipments of infectious substances (cat. A and B), exempt human/animal specimen and non-infectious biological samples.



App name: UN1263 - Paint

Description: UN1263 - Paint is an application that will guide you step by step to prepare your shipments of paints (belonging to PG I, II, III) in single or combination packaging.



App name: UN1266 – Perfumery Products

Description: UN1266 – Perfumery Products is an application that will guide you step by step to prepare your shipments of perfumery products (belonging to either PG II or III) in single or combination packaging.



App name: UN1866 – Resin Solution

Description: UN1866 – Resin Solution is an application that will guide you step by step to prepare your shipments of resins in solution (belonging to PG I, II, III) in single or combination packaging.



App name: UN3077 / UN3082

Description: UN3077 / UN3082 is an application that will guide you step by step to prepare your shipments of goods that are dangerous for the environment in single or combination packaging.



App name: ID8000

Description: ID8000 is an application that will guide you step by step to prepare your shipments of products classified as Consumer Commodity. This application explains to you which goods can be ID8000.



App name: Lithium Batteries

Description: Lithium Batteries is an application that will guide you step by step to prepare your shipments of metallic lithium batteries UN 3090 / UN 3091 and ionic lithium batteries UN 3480 / UN 3481, in compliance with ADR (by road) and ICAO-TI / IATA (by air) regulations.



App name: ADR – Tunnels and Services

Description: ADR – Tunnels and Services is an application that, based the UN numbers transported, can suggest the tunnel codes you can access to, Kemler numbers (for each UN number), the correct equipment of the ADR bag, traffic bans, possible sanctions and calculations according to 1.1.3.6.

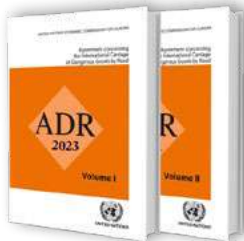



App name: UN Translate

Description: UN Translate is an application that allows you to see and find all the UN numbers and the relevant official designations of transport (Proper Shipping Name - PSN) in 4 different languages (English, French, Spanish, and German), as written in the ICAO-TI / IATA regulations (by air).

OUR STARTING POINT FOR YOUR DANGEROUS GOODS

- ADR:** Agreement for transport of Dangerous goods by Road.
In force ADR 2023.
- RID:** Railway International transport of Dangerous goods.
In force RID 2023.
- ADN:** International Carriage of Dangerous Goods by
Inland Waterways.
In force ADN 2023.
- IMDG:** International Maritime Dangerous Goods Code.
In force IMDG 2020 (Amendment 40-20).
- ICAO-TI:** International Civil Aviation Organization
Technical Instructions for the Safe Transport
of Dangerous Goods by Air.
In force 2023 / 2024 edition of ICAO-TI.
- IATA:** International Air Transport Association.
In force 64rd edition of DGR 2023
(Dangerous Goods Regulations).

Official text
in English, French
and Russian
(www.unece.org)




Official text
in English, French
and German
(<http://otif.org>)




Official text
in English, French
and Russian
(www.unece.org)




Official text
in English, French
and Spanish
(www.imo.org)




Official text in English,
French, Chinese, Russian
and Spanish
(www.icao-ti.org)




Official text in English,
Chinese, French, German,
Spanish and Russian
(www.iata.org)

LABELING OF COMBINATION PACKAGING

When you use a combination packaging:

Inner packaging

It must display labels required by the new Globally Harmonised System (GHS) regarding the classification and labeling of dangerous substances and mixtures.

PICTOGRAM is 1/15 of label and not less than 1 cm²



Outer packaging

It must display labels and marks required by the Regulations of the mode of transport that you choose (ADR, RID, ADN, IMDG, IATA).

When the package isn't subjected to the dangerous goods regulations, both the inner and the outer packaging must display labels required by GHS.



EXAMPLE OF LABELING AND MARKING ON A PACKAGE

12 Hazardous Label For transport by sea, the method of affixing the label(s) or applying stencil(s) of label(s) on packages containing dangerous goods shall be such that the label(s) or stencil(s) will still be identifiable on packages remaining at least three months of immersion in the sea.

13 Cargo Aircraft Only For shipping by air goods permitted only on cargo aircraft.

11 Package Orientation One label must be affixed to each of two opposite sides of the package containing liquid substances.

10 Shipper's complete address Mandatory only for IATA shipment.

9 Consignee's complete address Mandatory only for IATA shipment.

8 Net Quantity Only for shipment of more than one package by air IATA.

7 UN marking It doesn't give you all the information about the box, that you can find in the certificate of approval. Require the certificate of approval to verify the inner packagings allowed.

6 Technical name Required for some generic goods or for N.O.S.

5 BOX certificate The technical certificate is printed on Serpac boxes.

4 Resy It is printed on all Serpac boxes and it guarantees recyclability.

3 Proper Shipping Name

2 UN Number Font height 6 mm if ≤ 30 kg. Font height 12 mm if ≥ 30 kg.

1 Closing system Tested materials.

Box Labels: SHIPPER: SERPAC srl, Via Tiepolo, 24, 20054 Segrate (MI), ITALY; CONSIGNEE: BV Chemicals, Inc, 412 N Canal ST, Chicago, IL 60607, USA; UN3265 CORROSIVE LIQUID, ACID, ORGANIC, N.O.S (Caprylyl Chloride) Net Quantity 2.5 L; 4G/Y30/S/23 B/SERPAC.413-060023; SERPAC logo; CARRO AEREA SOLO; CORROSIVE; UN1203; PA601.

DEFINITION OF PACKAGE

“Package” means the complete product of the packing operation, consisting of the packaging or large packaging or IBC and its contents prepared for dispatch. The term includes receptacles for gases as defined in this section as well as articles which, because of their size, mass or configuration, may be carried unpackaged or carried in cradles, crates, or handling devices. Except for the carriage of radioactive materials, the term does not apply to goods that are carried in bulk, nor to substances carried in tanks;



Drum



Jerrican



Box



IBC

TYPE OF PACKAGE

Combination packaging

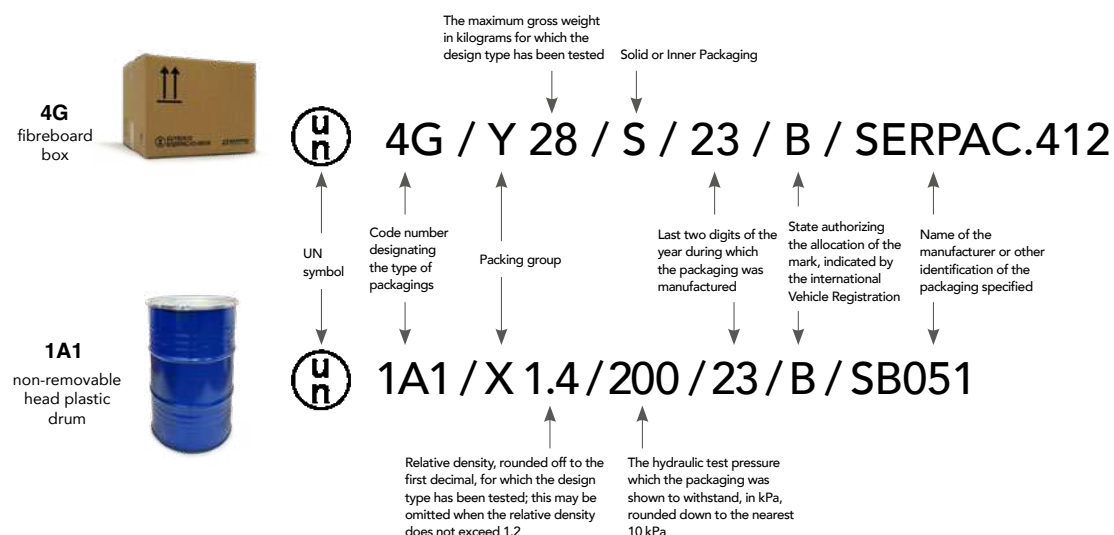
A combination of packagings for carriage purposes, consisting of one or more inner packagings secured in an outer packaging in accordance with 4.1.1.5; Ch. ADR / RID / ADN / IMDG 4.1.1.3 - IATA 6.0.4.0.4

Single packaging

Packagings which do not require any inner packaging to perform their containment function during transport.



FORMAT OF MARKING



X
for packing group I
(these packagings may be used for packing group I, II, and III articles and substances)

Y
for packing group II
(these packagings may be used for packing group II and III articles and substances)

Z
for packing group III
(these packagings may be used for packing group III articles and substances only)

Here you can find some examples of packagings suitable to contain dangerous goods, the “identification code” describes the kind of packaging, the nature of the material, and the category of packaging it belongs to.

Example



1A1
Steel drum,
non-removable head

Example



1A2
Steel drum,
removable head

Example



1H1
Plastic drum,
non-removable head

Example



1H2
Plastic drum,
removable head

Example



3H1
Plastic jerrican,
non-removable head

Example



1A1
Plastic jerrican,
removable head

Example



4DV
Plywood
box

Example




4G
Fibreboard
box

Example



5H3
Woven plastic bag,
water-resistant

Example



4H2
Solid plastic
box

Example



1G
Fibreboard
drum

Example



0A1
Light gauge metal
packagings,
non-removable head

Example



31HA1
Composite IBC with steel
outer casing - flexible plastic
inner receptacle, for liquids

Example



13H2
Flexible IBC woven
plastics, coated

Example



4GV
Fibreboard
box

Example



1H2T
Emergency plastic drum,
removable head

ADR 6.1.2.4 - The letters “T”, “V”, or “W” may follow the packaging code. The letter “T” stands for salvage packaging conforming to the requirements of 6.1.5.1.11. The letter “V” stands for a special packaging conforming to the requirements of 6.1.5.1.7. The letter “W” means that the packaging, although of the same type indicated by the code, is manufactured to a specification different from that in 6.1.4 and is considered equivalent under the requirements of 6.1.1.2.

LABELING AND MARKING EXAMPLES

Below are some examples of labeling and marking.
 Updated and complete descriptions can be found on www.serpac.it/en.
 Please do not hesitate to contact us to receive more detailed information or clarifications.

	<p>UN3373 biological substance, category B</p> <p>ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓</p> <p>SERPAC 1 - 03</p>		<p>UN3481- Lithium-ion Batteries contained in or packed with equipment. (IATA - section II and special provision 188 ADR, RID, ADN, IMDG)</p> <p>ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓</p> <p>SERPAC 1 - 15</p>
	<p>UN3373 biological substance, category B packing with dry ice UN1845 DRY ICE * In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)</p> <p>ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓</p> <p>SERPAC 1 - 01</p>		<p>UN3480 - Lithium-ion Batteries (IATA - section I A)</p> <p>ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓</p> <p>SERPAC 1 - 22</p>
	<p>UN2814 infectious substance (category A)</p> <p>ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓</p> <p>SERPAC 1 - 02</p>		<p>UN3090 - lithium metal battery (IATA section IB) * In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)</p> <p>ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓</p> <p>SERPAC 1 - 04</p>
	<p>UN1845 - DRY ICE * In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)</p> <p>ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓</p> <p>SERPAC 1 - 21</p>		<p>Dangerous goods packed in limited quantities cap. 3.4 The outer packaging must be designed to meet the relevant manufacturing provisions of 6.1.4 (chap. 3.4.1 (f) of the ADR / RID / ADN and chap. 3.4.1.2.6 of the IMDG</p> <p>ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✗</p> <p>SERPAC 1 - 14</p>
	<p>Dangerous goods packed in excepted quantity • Triple packaging • Drop test from 1,2 m • Stacking test 3 m • Absorbent material between primary and secondary packagings (for liquids)</p> <p>ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓</p> <p>SERPAC 1 - 17</p>		<p>Dangerous goods packed in limited quantities IATA The outer packaging must comply with the manufacturing provisions of 6.2 and the general packaging requirements from 5.0.2 to 5.0.4 in addition to the requirements of 2.7 including: • Drop test from 1,2 m • Stacking test 3 m * In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)</p> <p>ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓</p> <p>SERPAC 1 - 38</p>

LABELING AND MARKING EXAMPLES



Dangerous goods

UN1206

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✓ RID ✓ ADN ✓ IMDG ✗ IATA ✗

SERPAC 1 - 07

UN3082 - environmentally hazardous substance

UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin)
Net Quantity 25 L.

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓

SERPAC 1 - 10

Dangerous goods

UN1173 ETHYL ACETATE

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✗

SERPAC 1 - 08

Dangerous goods IATA (passenger and cargo aircraft)

UN1815 PROPIONYL CHLORIDE
Net Quantity 1 L.

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓

SERPAC 1 - 11

Dangerous goods IATA (passenger and cargo aircraft)

UN1130 CAMPHOR OIL
Net Quantity 25 L.

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓

SERPAC 1 - 09

Dangerous goods N.O.S. IATA (cargo aircraft only)
* In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)

UN3265 CORROSIVE LIQUID, ACID, ORGANIC, N.O.S. (Caprylyl Chloride)
Net Quantity 2.5 L.

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓

SERPAC 1 - 12

Dangerous goods IATA (passenger and cargo aircraft)
ORGANIC PEROXIDE
* In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)

UN103 ORGANIC PEROXIDE TYPE C, LIQUID (TERT-BUTYL PEROXY-2-METHYLBENZONATE)
Net Quantity 4 L.

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓

SERPAC 1 - 20

Box labeled and marked for shipping dangerous goods as passenger and cargo

UN0012 CARTRIDGES, SMALL ARMS
Net Quantity 24 Kg

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/X30/S/23
B/SERPAC.412-060125

ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓

SERPAC 1 - 19

ID8000 Consumer Commodity
• Drop test from 1,2 m
• Stacking test 3 m
• Absorbent material for liquids (see Pl. Y963)

* In the case of multimodal transport, the package, thus marked, can also travel by road (packaging prepared in accordance with ADR 1.1.4.2.1)

ID8000 CONSUMER COMMODITY

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✗ RID ✗ ADN ✗ IMDG ✗ IATA ✓

SERPAC 1 - 15

Dangerous goods IATA (passenger and cargo aircraft) overpack

UN1130 CAMPHOR OIL
Net Quantity 25 L.

SHIPPER: SERPAC srl Via Tiepolo, 24 20054 Segrate (MI) ITALY
CONSIGNEE: BV Chemicals, Inc 412 N Canal ST Chicago, IL 60607 USA

OVERPACK #01 SOVIMBALLAGGIO

4G/Y30/S/23
B/SERPAC.413-060023

ADR ✓ RID ✓ ADN ✓ IMDG ✓ IATA ✓

SERPAC 1 - 18

PLACARDING/MARKING AND ORANGE-COLORED PANEL MARKING ADR BY ROAD

<p>Vehicle carrying packages of explosive substances and articles</p>	<p>Vehicle carrying packages with radioactive materials</p>
<p>Vehicle carrying packages of dangerous goods (IBC, cylinders, bags, drums,..)</p>	<p>Tank carrying dangerous goods</p>
<p>Transport units having one tank carrying dangerous goods</p>	<p>Transport units having multiple tanks carrying dangerous goods</p>
<p>Bulk transport of dangerous goods</p>	<p>Transport in container - box</p>

ENVIRONMENTALLY HAZARDOUS SUBSTANCE UN3077 / UN3082

<p>Tank carrying solid dangerous goods</p>	<p>Tank carrying liquid dangerous goods www.serpac.it/en/</p>
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ENVIRONMENTALLY HAZARDOUS SUBSTANCE DIFFERENT FROM UN3077 / UN3082

<p>Tank carrying dangerous goods</p>	<p>Container carrying dangerous goods</p>
--------------------------------------	---

DANGEROUS GOODS PACKED IN LIMITED QUANTITIES

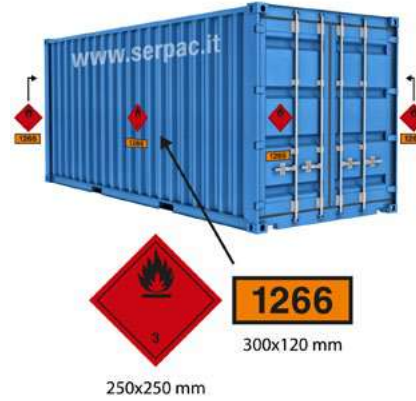
<p>Transport unit</p> <p>It is required only if the total gross mass of the carried packages, containing dangerous goods, exceeds 8 tonnes per transport unit and the transport units have a maximum mass exceeding 12 tonnes.</p>	<p>Container</p> <p>It is required only if the total gross mass of the carried packages, containing dangerous goods, and put inside the container, exceeds 8 tonnes per transport unit and have a maximum mass exceeding 12 tonnes.</p>
--	---

PLACARDING/MARKING OF CONTAINERS FOR DANGEROUS GOODS IN PACKAGES BY SEA IMDG

Container transporting packed dangerous goods of different UN numbers but to which only one class has been assigned or goods to which only one UN number has been assigned and not loaded in excess of 4000 kg gross mass.



Container transporting packed dangerous goods loaded in excess of 4000 kg gross mass to which only one UN number has been assigned and which are the only dangerous goods in the cargo transport unit.



Container transporting packaged dangerous goods loaded in excess of 4000 kg gross mass to which only one UN number has been assigned and which are the only dangerous goods in the cargo transport unit.



Container transporting dangerous goods packed in limited quantities.



Container transporting packed dangerous goods of UN3082 loaded in excess of 4000 kg gross mass.



Container transporting packed class 1 dangerous goods. The orange panel with UN number is not required for any quantity of class 1 goods. (see IMDG 5.3.2.1.1).



Container transporting packed dangerous goods of different UN numbers or goods with a subsidiary risk.



Container transporting packed marine pollutant substance different from UN 3077 and 3082.

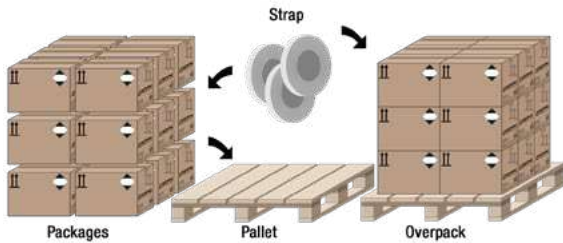


Container transporting fumigated goods or materials.

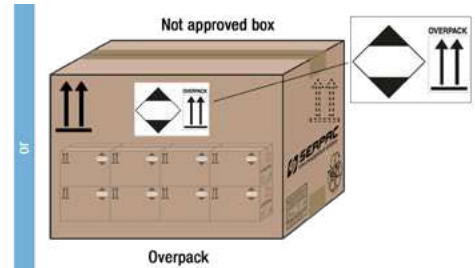


LABELING AN OVERPACK ACCORDING TO ADR / RID / ADN

OVERPACK is an enclosure used by a single shipper to contain one or more packages and to form one unit for convenient handling and stowage. Examples of overpack:

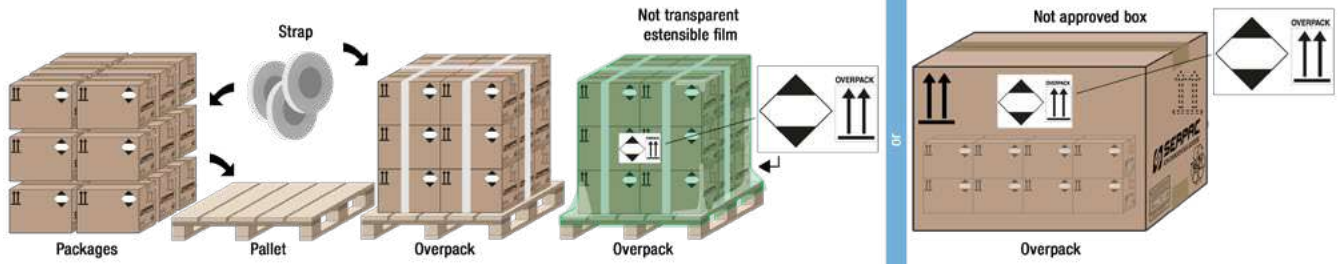


Different packages on one pallet.



An outer protective packaging such as a box or a crate.

Transport in accordance with Cap. 3.4 (Limited Quantities)



Transport of dangerous goods



Note: These images are only examples of marking overpack

Dangerous goods packages contained in the overpack must be properly packed, marked, labeled, and in proper condition as required by the Regulations.

Unless all markings representative of all dangerous goods in the overpack are clearly visible, the overpack must be marked, durably and legibly on the outside of the package with the word "overpack", the PROPER SHIPPING NAME(S) of the contents, the UN Number(S) preceded by the letters "UN" and the full NAME AND ADDRESS of the shipper and the consignee.

Labels required on packages within an overpack must be clearly visible or else be reproduced on the outside of the overpack. Only one hazard label is required for each class or division contained within the package. An overpack containing liquid dangerous goods in single packagings with end closures must be labeled with the "Package Orientation" label.

ADR / RID / ADN Packagings

1A1 single packaging

Packaging that does not require any inner packaging in order to perform its containment function during transport.



ADR / RID / ADN Packages



6HA1 composite packagings

Packaging made of an outer packaging (i.e. a steel drum) and an inner receptacle (i.e. a plastic receptacle) that form a composite packaging. Once assembled, it is an integrated single unit; it is filled, stored, transported, and emptied as such. A composite packaging is a single packaging.



4G combination packaging

This box is suitable only when combining it with the specific inner packaging it has been tested with.



4GV combination packaging

This box is suitable for objects or any type of inner packaging for liquid or solid materials of packing groups I, II, III.



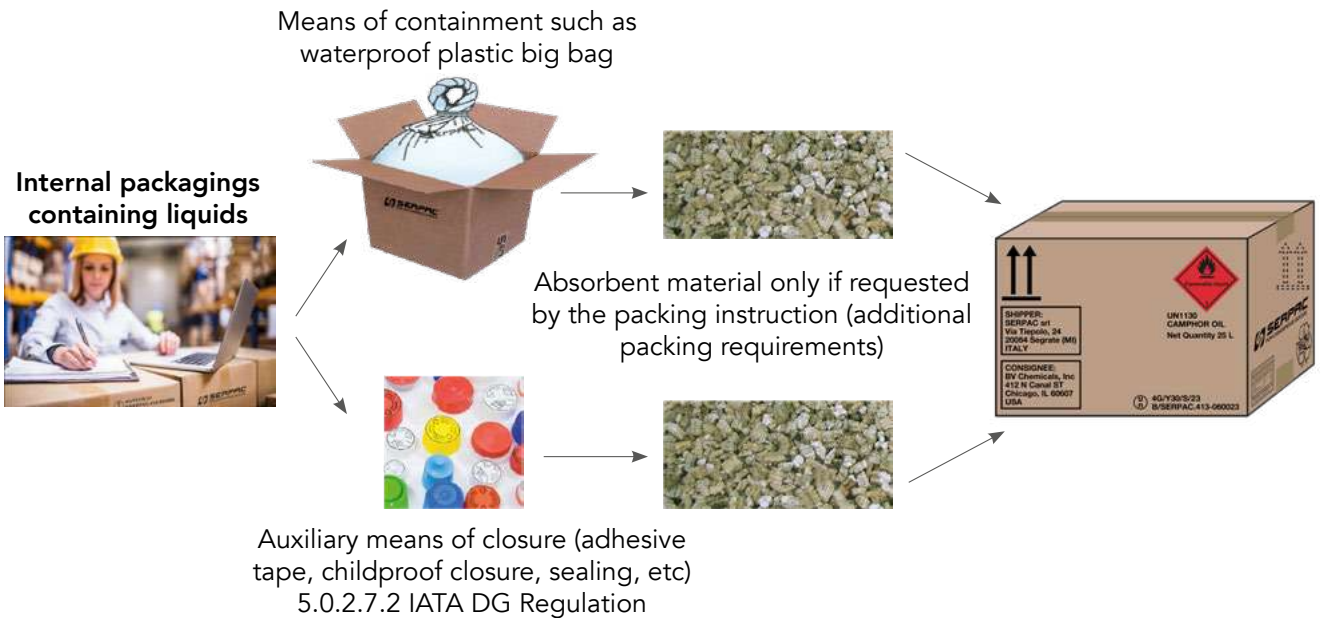
Overpack

An enclosure used by a single shipper to contain one or more packages and to form one unit for convenience of handling and stowage.



SPECIFICATIONS OF COMBINATION PACKAGINGS FOR THE TRANSPORT BY AIR

Absorbent Material 5.3 → 5.9 IATA DG Regulation (you should check if it's explicitly requested in the Packing Instruction)



Notice: for UN 4GV boxes, the absorbent material is always mandatory, in sufficient quantity to absorb the entire liquid contents of the inner packaging – 6.3.1.2.5 IATA DG Regulation

Padding Material 5.0.2.12.1 IATA DG Regulation



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PURCHASE FORM

 BY POST SERPAC SRL Via Tiepolo 24 20054 Segrate (MI) - ITALY	 TELEPHONE (+39) 02 218 71 585 (+39) 02 455 06 456	 FAX (+39) 02 269 52 031	 INTERNET sales@serpac.it
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Bill	
Reference Customer Order	Date
Corporate name	
Contact person	
Address	
ZIP CODE	Prov. City
Tel.	Fax e-mail
VAT number	Tax code
Under Law 675/96 authorize the treatment of my personal data for your needs <input type="checkbox"/>	
Please send me a catalog: to the billing address <input type="checkbox"/> to the delivery goods address <input type="checkbox"/>	

Delivery to: (to be filled in only if different from the billing)		
Address		
ZIP CODE	Prov. City	
Contact name/ department		Tel.

Minimum order taxable Euro 30,00

Item code	Description	Delivery date	Quantity ordered	Unit price	Total amount

SHIPPING	Total taxable			
Free port with charge on invoice <input type="checkbox"/>	VAT 22%			
Carriage forward by courier <input type="checkbox"/>	Total amount			

* **FREE SHIPPING** on orders of labels with a taxable amount from Euro 150,00

PAYMENT:				
Cash on delivery (contribution of Euro 6,00) <input type="checkbox"/>				
Bank transfer in advance <input type="checkbox"/>				
R.I.B.A to 30 days (from the 2° order) <input type="checkbox"/>				
IBAN code _____				

date
Signature

Note:

SERPAC Srl
 Via Tiepolo 24 - 20054 SEGRATE (MI)
 Tel. 02 218 71 585 r. a. - Fax 02 269 52 031 - www.serpac.it - vendite@serpac.it
 Cod. Fisc. e P.IVA 05083510965 - Cap. Soc. € 20.000 - R.E.A. Milano N. 1795952 - Reg. Impr. Milano
 Azienda certificata UNI EN ISO 9001:2008: Certiquality N° 17284



ALL OUR SUPPORT

With the help of our experts, DGSA / DG specialist you will order the exact article to correctly ship your dangerous goods in accordance with ADR, RID, ADN, IMDG and ICAO-TI/IATA Regulations.

E-MAIL sales@serpac.it	TELEPHONE (+39) 02 218 71 585 (+39) 02 455 06 456
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FAX (+39) 02 269 52 031	MAIL SERPAC SRL Via Tiepolo 24 20054 Segrate (MI) - ITALY
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We are available from Monday to Friday
from 8.30 - 12.30 and 13.30 - 17.30

For any urgency you can call mobile phones:
(+39) 335 79 08 108 / (+39) 334 673 64 62



PURCHASE CHANNEL

YOU CAN CHOOSE YOUR FAVORITE WAY TO ASK FOR AN OFFER OR TO SEND US YOUR ORDER

 <p>CATALOG</p> <ol style="list-style-type: none"> 1. Find the articles you are interested in. 2. Find the single price for each article. 3. Fill in the appropriate format. 4. Send us the appropriate format by e-mail or by fax. 5. You'll receive the order confirmation for the articles requested. 	 <p>E-COMMERCE</p> <ol style="list-style-type: none"> 1. Find the articles you are interested in. 2. Add the articles to the shopping cart. 3. Follow the guided procedure. 4. You'll receive one e-mail with the order confirmation for the articles requested. 	 <p>OFFER</p> <ol style="list-style-type: none"> 1. Find the articles you are interested in. 2. Ask us for an offer by e-mail or by phone. 3. You'll receive a complete offer for all the products requested.
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CONDITIONS OF PURCHASE

Prices	All the prices indicated in this catalog are without VAT and CONAI contribute. We apply price lists decreasing according to the purchased quantities. The prices inserted in the catalog could be subject to changes. These changes will be reported and indicated in the order confirmation.
Pick up	Pick up is possible in 4 hours. Pick up from 09.00 - 12.00 and 14.00 - 17.00
Delivery	For goods in stock delivery in 24/48 hours. For customized goods: production and delivery to Italy within 10 days.
Transport	is included for orders higher than 150,00 Euro + IVA. For orders lower than 150,00 Euro the shipping cost is 13,50 Euro.
Price list validity	31 December 2023. Subject to variations.

Our task consists of helping clients in the selection of the correct product (packagings, labels, placards, etc.), on the other hand, the shipper who sends the dangerous goods for transport has the responsibility to make sure that the packagings, labeling, etc. comply with the regulations in effect. The failure in respecting the regulations can cause incidents and possible penalties. The buyer is only responsible for determining the suitability of each product (packagings, labels, panels, etc.) for a specific use. Please note that prices may change at any moment without prior notice.

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