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CATALOG
DANGEROUS GOODS

FEBRUARY 2026

FEBRUARY
2026



DANGEROUS GOODS

QUALITY AND SAFETY AT YOUR SERVICE



**PRODUCTS
FOR CARRIERS**

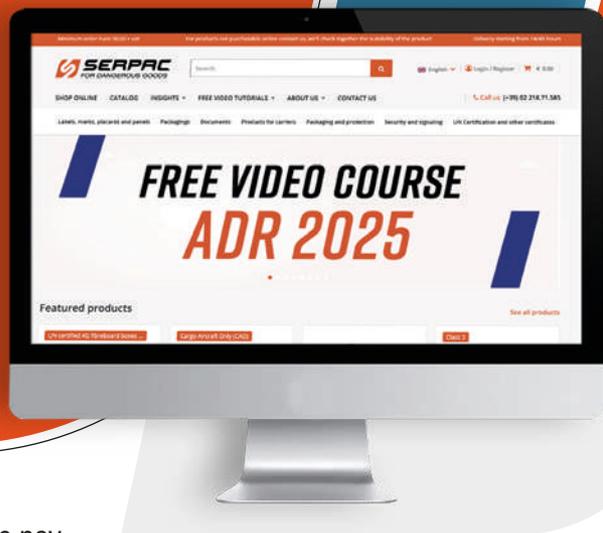
LABELS, MARKS, PLACARDS AND PANELS

UN CERTIFIED PACKAGINGS

**UN CERTIFICATIONS
AND OTHER CERTIFICATIONS**

www.serpac.it/en

**QUALITY, SUPPORT,
AND NEWS IN
JUST ONE CLICK!**



When you deal with dangerous goods, you have to pay attention to multiple factors: **choosing the most correct packaging, preparing the shipment, labelling**, and many other variables that may change depending on what you have to ship.

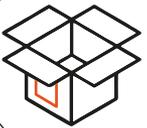
Performing each of these steps correctly will allow you to avoid the risks of mishandling dangerous goods.

PERCHÉ SCEGLIERE SERPAC?



COMPLIANT PRODUCTS AT THE BEST PRICES

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.



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.



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.



SAFE AND SIMPLE, CLICK AND BUY

Fill the cart and **make your purchase online**. Choose the payment method that you prefer and keep up to date with the status of your order processing.



NOT JUST PRODUCTS, BUT MANY INTERESTING INSIGHTS

Properly shipping dangerous goods is not just a matter of using the right products, but also of knowing how to use them. Check out the **INSIGHTS SECTION** on our website. You'll find **articles, practical examples** and free **video courses**.





OUR KNOW HOW AT YOUR SERVICE

SHOP ONLINE

CATALOG

INSIGHTS ▾

In our **INSIGHTS SECTION**, you'll find training articles, news, video courses, and all the information on dangerous goods.

SUBSCRIBE TO OUR NEWSLETTER

Stay up to date about the world of dangerous goods and the various content and information practices posted on our website.



Sign up on www.serpac.it/en



ARTICLES



VIDEOS



NEWS



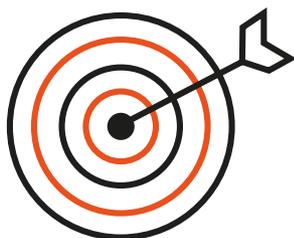
REGULATIONS



SALES



PRODUCTS



MISSION

At Serpac, we never stop: we are constantly evolving and continuously strive to study and innovate the complex world of hazardous goods marking and shipping, to **always offer the best** to our customers and create a safe and easy-to-manage working environment for anyone is involved in the transportation chain of dangerous goods.

SHIP SAFE, THINK SERPAC!



Products for shipping in packages



UN-certified boxes
From page 14



LQ boxes
P. 44



LQ boxes
P. 44



Document holder envelopes
P. 135



UN certifications
P. 8



GHS pictograms
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CLP labels
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PE bags
P. 66



Stretch film
Example



Labels and marks
P. 82



Vermiculite
P. 39



Documents
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Products for shipping in vehicles

1



Danger placards and markings

Adhesive _____ P. 84

Metal _____ P. 129

Plastic _____ P. 130

2



Fire-resistant orange plate markings

P. 131

3



ADR bags and equipments

P. 137

4



Instructions in writing ADR 2025

P.134

5



Load securing

P.142

6



Orange plate markings

P. 110

7



Blind spots panels

Pag.109

8



Wheel nut indicators

P.144



Products for shipping in containers



Danger placards and markings
From P. 128



Load lifting products
Example



Inflatable bags for load securing
Example



Load binder straps
Example



Grip mat
Example



Adhesive sprays for placards and panels
Example



Dehydrating chains for containers
Example



Bolt seals
Example



UN CERTIFICATIONS AND OTHER CERTIFICATIONS

NEW TESTS

8

Our in-house laboratory is authorized and certified to independently handle different types of testing, whether **UN certifications** (4G, 4D, ...) or **packaging certifications** (EQ, LQ, ID8000, ...) for the shipment of dangerous goods **according to all transport modalities:**

ADR, RID, ADN, IMDG, ICAO-TI / IATA, 49 CFR and 5998 ANTT.



DANGEROUS GOODS PACKAGINGS

NEW PRODUCTS

14

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.

LABELS, MARKS, PLACARDS, PANELS AND GHS PICTOGRAMS

82

Signalling 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 signalling of dangerous substances and mixtures. We can produce customized labels, placards and panels.

DOCUMENTS

132

Shipping dangerous goods requires, except in special cases, the completion of special documents. Available **compliant formats for shipping dangerous goods** for compilation by PC or management.

PRODUCTS FOR CARRIERS

NEW PRODUCTS

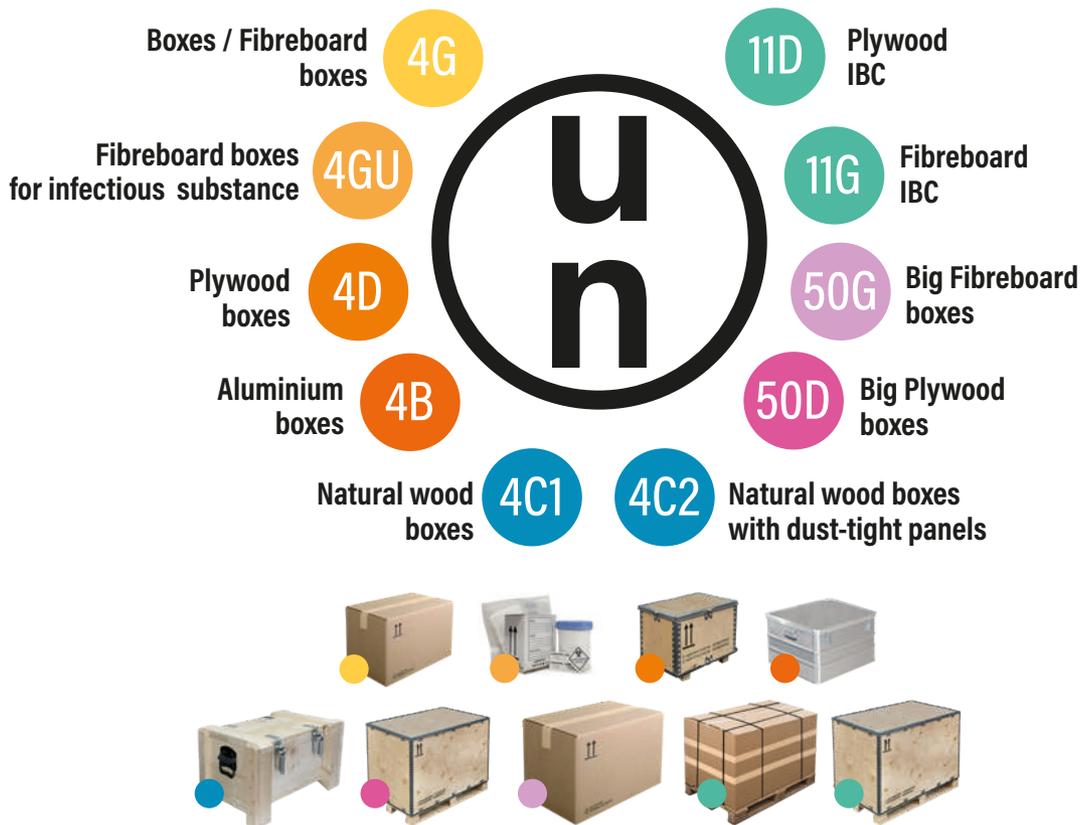
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The carriage of dangerous goods requires **specific equipment** and **protection systems** for people, vehicles, and goods. Protecting the environment is another key aspect of the carriage that must be thoroughly evaluated. Discover all our ADR-compliant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

UN CERTIFICATIONS

Our in-house laboratory is **certified** to provide UN certifications that are valid for all regulations

What we can certify UN



For any information, do not hesitate to contact us at: ☎ +39 (0) 2 218 71 585 / +39 (0) 2 455 06 456

Do you have an expiring certificate or a package certified only for certain types of transport modalities?

Our certificates are valid for all 5 modalities of transportation and **do not expire**



by road
ADR



by train
RID



by inland
waterway ADN



by sea
IMDG



by air
ICAO-TI / IATA

**ON REQUEST
ALSO FOR
49CFR (USA)
5998 ANTT (BRASIL)**



PACKAGING CERTIFICATION

Our in-house laboratory is **qualified** to provide different types of certifications

What we can certify

Excepted Quantities



IATA Limited Quantities



Consumer commodity

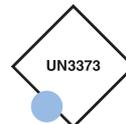


LB exempted

Exempted lithium batteries

UN3373

Biological substances



SERPAC LABORATORY



We are equipped to handle different types of testing in-house

Starting from your needs, from the products you need to ship and the packaging you want to use, we can make different performances verification tests including:

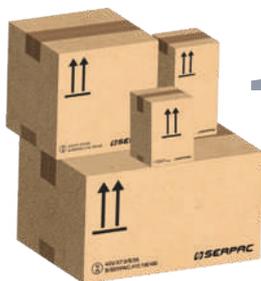
- drop test;
- ECT (edge crush test);
- conditioning in climatic chamber.
- stacking test;
- COBB;

AVAILABLE OVER 600 UN 4G CERTIFICATIONS READY FOR PRODUCTION ON ORDER

We can produce UN 4G certified boxes using our certifications if your inner packaging(s) match those with which the approval tests were conducted. Minimum required production of 1000 pieces with the possibility of custom printing with your own marks.

WE DEVELOP AND PRODUCE UN-APPROVED PACKAGING FOR THE TRANSPORT OF DANGEROUS GOODS

UN-certified boxes in 30/40 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 expert technicians, well prepared on fibreboard production and dangerous goods, we can complete the production chain.

2

Sustainable products

We can produce FSC® certified boxes at the customer's request, supporting responsible forest management. Find the brand within the catalog and ask us for a quotation!



FSC® C184613

3

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 certifying body**, B.P.I., to perform your UN-certification and guarantee you easy and safe shipments.



4

We perform tests to verify the suitability of packaging

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



5

We produce high quality and environmental firendly products

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

6

We deliver all over Italy and Europe

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



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



DE-CLASSIFICATION OF EXPLOSIVES

BONFIRE TEST (Test 6c)

In order to more easily ship packages containing **explosive substances** or **explosive articles**, it is possible, through bonfire testing, to obtain a better classification of the packaged product. In some cases, it is also possible to obtain a UN number and a class other than explosive, such as, UN3268 Class 9.

5 Some products we can declassify along with the packaging



Airbag



Seat belt pretensioners



Airbag inflator



Vehicle suspensions

...

Other products

Process

Based on the type of product and its starting classification, we study a **packaging that has the potential to contain the explosion** and then get the packaged product a better classification.



One may opt for an **appropriate outer packaging**.



In some cases, a **containing media** such as an internal metal cage will also need to be arranged.



Once the protective system has been defined, it will first be necessary to proceed with the **UN certification** of the packaging. It is not possible to perform the **bonfire test** without having the certification of the UN-certified packaging.



Bonfire test

Test and de-classification document

Based on the volume of packaging we define the amount of packaging to be tested. **The tests are performed in a safe location**, and the explosion power and projection are measured as defined by the *Manual of Tests and Criteria*. **Based on the result obtained, the product is declassified.**



In case of positive test results, we release the **de-classification document** of the packaged product.

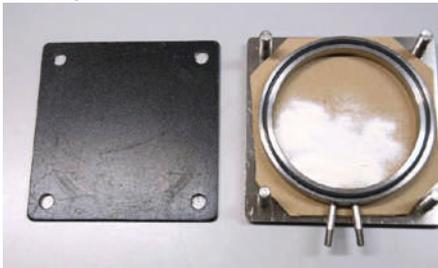
OTHER SERVICES THAT WE PROVIDE



In cooperation with the Belgian Certifying Institute for Packaging, IBE-BVI, we coordinate tests in various areas, including material analysis and simulations of transport and different climatic conditions, tests and analysis on food-contact materials, child-resistant packaging and more.



FCM - Food contact materials



Migration testing



Sensory analysis

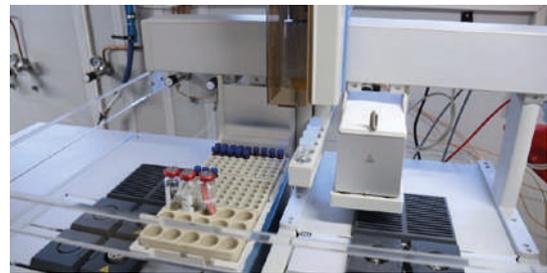
IBE-BVI offers a department to analyze and test those materials that will come into contact with food. This service is essential for protection of human health and to ensure that products on the market are safe for consumers. This department provides the best solutions, combining a wide variety of high-level testing and equipment with cost-effective and environmentally friendly offerings.



Oxygen transmission rate (OTR)



Water vapor transmission rate (WVTR)



Non-targeted screening



FIBC - ISO 21898

IBE-BVI can perform complete tests for this type of product such as: overhead lifting tests, fall simulations, and toppling, straightening and stacking tests. In addition, the institute offers the possibility to carry out tailor-made tests according to the customer's needs.

Flexible containers:

- for **single-stroke** bulk transport (5:1)
- for reusable bulk for **standard use** (6:1)
- for **heavy-duty** reusable flexible intermediate bulk (8:1)

Full dangerous goods testing program.



MTC: materials characterization, transport and climate simulations



The MTC department is specialized in **advanced packaging testing**. The team has advanced materials characterization equipment designed specifically for sheet and paper testing. In addition, IBE-BVI offers a wide variety of transport simulations, including impact, drop, vibration, and pressure.

There is also the possibility of **simulating different weather conditions** that could damage your packaging.



CRP: child-proof packaging



Child-resistant packaging can be divided into two categories, as also established by the European CLP Regulation 1272/2008, and are identified as **resealable and non-resealable** child-resistant packaging. The latter are subject to requirements and test methods imposed by the standards of the European Committee for Standardization (CEN) and the International Organization for Standardization (ISO).

The testing of these packages is essential for the safety of children.

CONTACT US NOW FOR MORE INFORMATION

+39 (0) 2 218 71 585 / +39 (0) 2 455 06 456



The label of responsible forest management



Boxes also available in FSC® certified version

INDICE

4G boxes

From page 16



4G boxes for Lithium Battery with foam SR

Page 34



4G boxes for fireworks

Page 28



Certified lithium battery boxes in exemption and testing

Page 35



4G boxes for perfumery products

Page 32



4GV and 4DV cases for batteries prototype, to be discarded or damaged

Page 37



4G boxes for aerosol

Page 33



4G boxes complete with inner packaging

Page 40



Certified Boxes for Limited Quantities and Testing

From page 44



Certified asbestos-free vermiculite

Page 66



Certified Boxes for Excepted Quantities and Testing

Page 46



4G and 4GV packaging tapes and polyethylene bags

Page 66



4GV boxes con kit Safe&Clean

Page 50



UN-certified 4D and 4DV boxes

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4GV boxes with absorbent pad

Page 54



Difference between 4G and 4GV boxes

Page 74-75



4GV die-cut boxes with vermiculite

Page 56



Packagings certified for UN3373

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4GV American boxes with vermiculite

Page 60



Packagings certified for category A

Page 79



Choice of packaging 4GV or 4DV

Page 65



Packagings certified for refrigerated transport and gel packs

Page 80-81



4G BOXES

FOR EACH INNER PACKAGING THE RIGHT 4G BOX

When the regulations state that a 4G box can be used, **this does not mean that any 4G is suitable for your shipment.** You should always verify on the box test report that your precise inner packagings have been successfully tested in association with the box. Check among our in-stock 4G boxes to see if the inner packaging they were tested with matches what you want to include.



The label of responsible forest management



Boxes also available
in FSC®-certified version

BEFORE SHIPPING YOUR DANGEROUS GOODS ALWAYS CHECK THAT

1 On the **UN certificate** the outer packaging is approved, so it **has been tested** with the specific inner packaging you are using.

2 On the **UN certificate**, the outer packaging is **approved for the type of shipment** you need to make (ADR, RID, ADN, IMDG, ICAO-TI / IATA).

3 The package ready for shipment has a gross weight less than or equal to than allowed by the UN certificate.



CLOSURE SYSTEMS



On each UN-approved 4G box, it is indicated on the inside flap what is the correct **closure system** with which the box has been tested.



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



SYSTEM
U



SYSTEM
H



SYSTEM
HE

▶ PRINTED VERSION

Some models are also available in a printed version.



UN1266 PERFUMERY PRODUCTS

(Final extension code -02)

BOXES SUPPLY

4G boxes are supplied, depending on quantity, either laid out **in packs** or laid out **in pallets**.



▶ LAID OUT IN PACKS



▶ LAID OUT IN PALLETS

CONFORMI
49 CFR



ADR



RID



ADN



IMDG



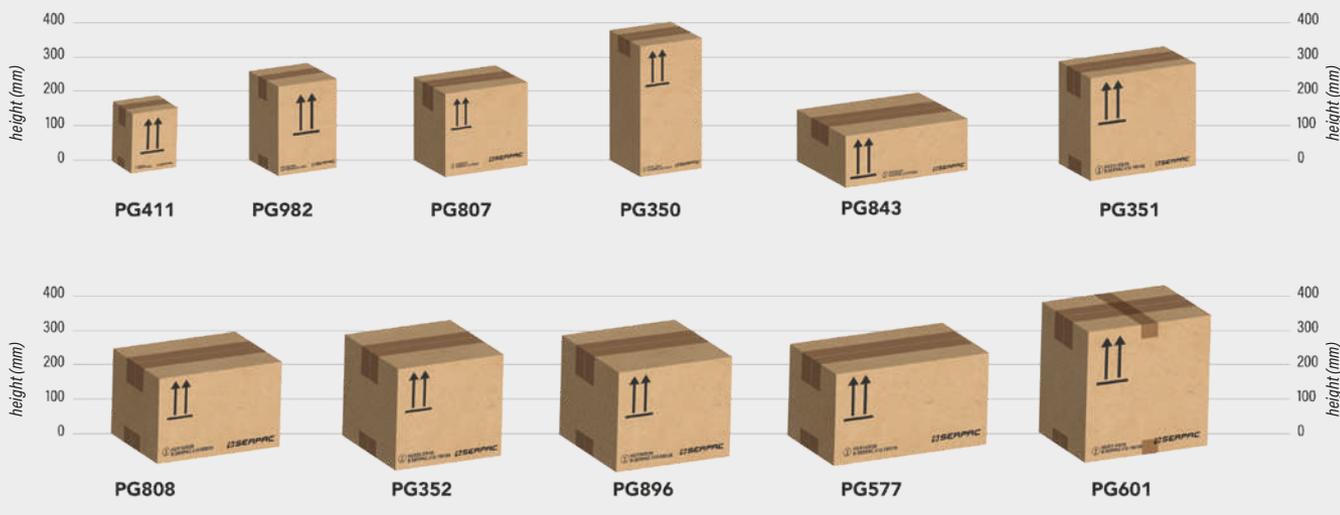
IATA



▶ TRANSPORT MODALITY

UN-certified 4G boxes suitable for **all transport modalities**.

ALWAYS CHECK THE DATA SHEET FOR THE DIMENSIONS AND CHARACTERISTICS OF THE BOX YOU HAVE CHOSEN



GUIDELINES FOR MAKING THE RIGHT CHOICE



| | PERFUMERY FOR PERSONAL CARE | PERFUMERY FOR AMBIENT | AEROSOL | ALUMINIUM BOTTLES | PLASTIC BOTTLES | PLASTIC JERRICANS | METAL DRUMS | PLASTIC BAGS | CHEMICAL KIT | LITHIUM BATTERY | BATTERIES |
|-----------|-----------------------------|-----------------------|---------|-------------------|-----------------|-------------------|-------------|--------------|--------------|-----------------|-----------|
| PG411 | ● | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| PG982 | ✗ | ✗ | ✗ | ● | ● | ● | ✗ | ● | ✗ | ✗ | ✗ |
| PG807 | ● | ● | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | P.34 | ✗ |
| PG350 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG843 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ |
| PG351 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG808 | ● | ● | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | P.34 | ✗ |
| PG352 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG896 | ● | ● | ● | ✗ | ✗ | ● | ● | ● | ✗ | ✗ | ✗ |
| PG577 | ● | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG601 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● |
| PG514 | ● | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG353 | ● | ● | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG813/592 | ● | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG354 | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ● |
| PG355 | ● | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | P.34 | ● |
| PG639 | ✗ | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ |
| PG805 | ● | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |
| PG806 | ● | ✗ | ● | ✗ | ✗ | ✗ | ✗ | ● | ✗ | ✗ | ✗ |



PURCHASE DETAILS

* ADR / RID / IMDG 6.1.3 / IATA 6.0.4.2

| TYPE | SERPAC CODE | UN. CERTIFIC.* | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | PACKAGE QUANTITY N° | PACKAGE FORMAT mm | PALLET QUANTITY N° | PALLET FORMAT mm | PALLET WEIGHT kg |
|-----------|-------------|----------------|---------------------|---------------------|---------------------|-------------------|--------------------|---------------------|------------------|
| PG411 | 4G-3411-NT | 4G/Y3.45/S | 140 x 120 x 175h | 148 x 128 x 191h | 18 | 319 x 276 x 160h | 1512 | 1200 x 1000 x 1300h | 180 |
| PG982 | 4G-3982-NT | 4G/Y7/S | 182 x 182 x 251h | 190 x 190 x 270h | 20 | 610 x 370 x 200h | 400 | 1200 x 800 x 1300h | 125 |
| PG807 | 4G-3107-NT | 4G/Y9/S | 280 x 180 x 230h | 300 x 200 x 260h | 17 | 500 x 460 x 252h | 510 | 1300 x 1000 x 1300h | 185 |
| PG350 | 3350-GV-NT | 4G/X71/S | 186 x 186 x 365h | 200 x 200 x 395h | 30 | 595 x 400 x 420h | 300 | 1200 x 800 x 1200h | 134 |
| PG843 | 4G-3143-NT | 4G/Y4/S | 390 x 305 x 140h | 400 x 315 x 155h | 14 | 720 x 480 x 200h | 700 | 1200 x 1000 x 1400h | 237 |
| PG351 | 3351-GV-NT | 4G/X11.9/S | 330 x 190 x 285h | 345 x 205 x 310h | 20 | 550 x 515 x 350h | 340 | 1200 x 1000 x 1300h | 171 |
| PG808 | 4G-3108-NT | 4G/Y16/S | 380 x 280 x 230h | 400 x 300 x 260h | 17 | 700 x 560 x 252h | 340 | 1200 x 800 x 1300h | 180 |
| PG352 | 3352-GV-NT | 4G/X23.2/S | 330 x 330 x 285h | 345 x 345 x 310h | 17 | 690 x 655 x 350h | 170 | 1300 x 800 x 1300h | 149 |
| PG896 | 4G-3896-NT | 4G/Y30/S | 355 x 355 x 275h | 370 x 370 x 305h | 17 | 730 x 660 x 252h | 170 | 1350 x 800 x 1350h | 135 |
| PG577 | 4G-3577-NT | 4G/X14/S | 485 x 285 x 250h | 500 x 300 x 280h | 17 | 785 x 560 x 210h | 170 | 1120 x 785 x 1176h | 194 |
| PG601 | 4G-3601-NT | 4G/Y27/S | 380 x 280 x 370h | 400 x 300 x 400h | 17 | 700 x 700 x 240h | 170 | 1400 x 800 x 1400h | 197 |
| PG514 | 4G-3514-NT | 4G/X29/S | 390 x 390 x 302h | 397 x 397 x 317h | 17 | 780 x 700 x 170h | 170 | 1430 x 800 x 1350h | 194 |
| PG353 | 3353-GV-NT | 4G/X32.2/S | 380 x 280 x 440h | 400 x 300 x 470h | 14 | 700 x 750 x 168h | 168 | 1350 x 800 x 1300h | 212 |
| PG813/592 | 4G-3592-NT | 4G/X30/S | 580 x 380 x 275h | 600 x 400 x 305h | 12 | 1000 x 700 x 168h | 168 | 1350 x 1000 x 1250h | 290 |
| PG354 | 3354-GV-NT | 4G/X44/S | 430 x 430 x 420h | 450 x 450 x 450h | 16 | 900 x 900 x 210h | 80 | 1200 x 900 x 1400h | 151 |
| PG355 | 3355-GV-NT | 4G/Y51.5/S | 580 x 380 x 420h | 600 x 400 x 450h | 10 | 1000 x 850 x 168h | 160 | 1650 x 1000 x 1300h | 318 |
| PG639 | 4G-3639-NT | 4G/Y28/S | 383 x 383 x 670h | 400 x 400 x 700h | 10 | 1080 x 780 x 140h | 90 | 1200 x 800 x 1350h | 140 |
| PG805 | 4G-3105-NT | 4G/Y83/S | 780 x 580 x 425h | 800 x 600 x 455h | 5 | 1400 x 1050 x 70h | 80 | 1400 x 1050 x 1300h | 305 |
| PG806 | 3106-GV-NT | 4G/Y275/S | 1170 x 770 x 720h | 1200 x 800 x 770h | 3 | 2000 x 1600 x 75h | 45 | 2000 x 1550 x 1250h | 440 |

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

UN-CERTIFIED 4G BOX PG611

| | | | | |
|---|-------------------------|--|---|--|
|  | SERPAC CODE | 4G-3611-NT (neutral printing) | 48 units per stack on pallet 1200 x 800 mm | |
| | OUTER DIMENSIONS | 148 x 128 x 191h mm |  | |
| | INNER DIMENSIONS | 140 x 120 x 175h mm |  | |
| | UN CERTIFICATION | Ⓜ 4G/Y3.45/S/** - B/SERPAC.2151-250088 | ✓ ✓ ✓ ✓ ✓ | |
| | CONTENT | Liquids | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM | |
| Different personal perfumery products | 3,45 (Y) kg | DGP-25.131 | PP36 - 50 mm - U | |

UN-CERTIFIED 4G BOX PG982

| | | | | |
|---|-------------------------|------------------------------------|---|--|
|  | SERPAC CODE | 4G-3982-NT (neutral printing) | 24 units per stack on pallet 1200 x 800 mm | |
| | OUTER DIMENSIONS | 190 x 190 x 270h mm |  | |
| | INNER DIMENSIONS | 182 x 182 x 251h mm |  | |
| | UN CERTIFICATION | Ⓜ 4G/Y7/S/** - B/SERPAC.412-110271 | ✓ ✓ ✓ ✓ ✓ | |
| | CONTENT | Liquids or solid substances | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM | |
| N° 4 aluminum bottles of 1.1 L each | 7 (Y) 9,8 (Z) kg | G-17.031H | PP36 - 50 mm - U | |
| N° 4 polyethylene bottles of 1 L each | 7 kg | G-13.043 | PP36 - 50 mm - U | |
| N° 1 plastic jerrican of 5 L | 7 kg | G-14.080H | PP36 - 50 mm - U | |
| Solid products contained in a plastic bag | 7 kg | G-13.043 | PP36 - 50 mm - U | |

UN-CERTIFIED 4G BOX PG807

| | | | | |
|---|-------------------------|---|---|--|
|  | SERPAC CODE | 4G-3107-NT (neutral printing) | 16 units per stack on pallet 1200 x 800 mm | |
| | OUTER DIMENSIONS | 300 x 200 x 260h mm |  | |
| | INNER DIMENSIONS | 280 x 180 x 230h mm |  | |
| | UN CERTIFICATION | Ⓜ 4G/Y9/S/** - B/SERPAC.412-060023 Ⓜ 4G/Y9/S/** - B/SERPAC.2151-060023 | ✓ ✓ ✓ ✓ ✓ | |
| | CONTENT | Liquids | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM | |
| Different personal perfumery products | 9,0 (Y) kg | G-06.007 | PP36 - 50 mm - U | |
| Different ambient perfumery products | 4,3 (Y) kg | G-22.227 | PP36 - 50 mm - U | |

UN-CERTIFIED 4G BOX PG350

| | | | | |
|---|------------------------------|-------------------------------------|---|--|
|  | SERPAC CODE | 3350-GV-NT (neutral printing) | 24 units per stack on pallet 1200 x 800 mm | |
| | OUTER DIMENSIONS | 200 x 200 x 395h mm |  | |
| | INNER DIMENSIONS | 186 x 186 x 365h mm |  | |
| | UN CERTIFICATION | Ⓜ 4G/X71/S/** - B/SERPAC.412-190219 | ✓ ✓ ✓ ✓ ✓ | |
| | CONTENT | Solids | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM | |
| Solid products contained in a plastic bag | 71(X) 10.6(Y) 15.9(Z) kg | G-19.194 | PP36 - 50 mm - U | |



** production year of the cardboard box



Check on the UN certificate which inner packagings are allowed



UN-CERTIFIED 4G BOX PG843

| | | | | | | | |
|--|--|------------------------------------|---|--|----------|---------------|---------|
| | SERPAC CODE | 4G-3143-NT (neutral printing) | 6 units per stack on pallet 1200 x 800 mm | | | | |
| | OUTER DIMENSIONS | 400 x 315 x 155h mm | | | | | |
| | INNER DIMENSIONS | 390 x 305 x 140h mm | | | | | |
| | UN CERTIFICATION | Ⓜ 4G/Y4/S/** - B/SERPAC.412-070086 | | | | | |
| | CONTENT | Chemical kit | | | | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | UN3316 Chemical kit - 4 conf. Spectroquant | MAX GROSS WEIGHT | | | 4 (Y) kg | REPORT | G-07115 |

UN-CERTIFIED 4G BOX PG351

| | | | | | | | |
|--|---|---------------------------------------|--|--|--------------------------------|---------------|----------|
| | SERPAC CODE | 3351-GV-NT (neutral printing) | 10 units per stack on pallet 1200 x 800 mm | | | | |
| | OUTER DIMENSIONS | 345 x 205 x 310h mm | | | | | |
| | INNER DIMENSIONS | 330 x 190 x 285h mm | | | | | |
| | UN CERTIFICATION | Ⓜ 4G/X11.9/S/** - B/SERPAC.412-190188 | | | | | |
| | CONTENT | Solids | | | | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | Solid products contained in a plastic bag | MAX GROSS WEIGHT | | | 11,9(X) 17,6(Y) 26,7(Z) kg | REPORT | G-19.092 |

UN-CERTIFIED 4G BOX PG808

| | | | | | | | |
|--|---|---|---|--|-------------|---------------|------------------|
| | SERPAC CODE | 4G-3108-NT (neutral printing) | 8 units per stack on pallet 1200 x 800 mm | | | | |
| | OUTER DIMENSIONS | 400 x 300 x 260h mm | | | | | |
| | INNER DIMENSIONS | 380 x 280 x 230h mm | | | | | |
| | UN CERTIFICATION | Ⓜ 4G/Y16/S/** - B/SERPAC.412-060024 Ⓜ 4G/Y16/S/** - B/SERPAC.2151-060024 | | | | | |
| | CONTENT | Liquids, aerosol or solids | | | | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | Different personal perfumery products | MAX GROSS WEIGHT | | | 16,0 (Y) kg | REPORT | G-06.060 |
| | Aerosol | | 16,0 (Y) kg | | G-06.060 | | PP36 - 50 mm - U |
| | Solid products contained in a plastic bag | | 16,0 (Y) kg | | G-07.072 | | PP36 - 50 mm - U |
| | Different ambient perfumery products | | 12,5 (Y) kg | | G-22.230 | | PP36 - 50 mm - U |

UN-CERTIFIED 4G BOX PG352



| | |
|-------------------------|---------------------------------------|
| SERPAC CODE | 3352-GV-NT (neutral printing) |
| OUTER DIMENSIONS | 345 x 345 x 310h mm |
| INNER DIMENSIONS | 330 x 330 x 285h mm |
| UN CERTIFICATION | Ⓜ 4G/X23.2/S/** - B/SERPAC.412-190189 |
| CONTENT | Solids |

6 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|-----------|-----------------------|
| Solid products contained in a plastic bag | 23,2 (X) kg | G-19.093H | PP36 - 50 mm - U |

UN-CERTIFIED 4G BOX PG896



| | |
|-------------------------|--------------------------------------|
| SERPAC CODE | 4G-3896-NT (neutral printing) |
| OUTER DIMENSIONS | 370 x 370 x 305h mm |
| INNER DIMENSIONS | 355 x 355 x 275h mm |
| UN CERTIFICATION | Ⓜ 4G/Y30/S/** - B/SERPAC.412-090138 |
| | Ⓜ 4G/Y30/S/** - B/SERPAC.2151-090138 |
| CONTENT | Liquids, aerosol or solids |

6 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|------------|-----------------------|
| Different personal perfumery products | 16,0 (Y) kg | G-09.130 | PP36 - 50 mm - U |
| Aerosol | 16,0 (Y) kg | G-09.130 | PP36 - 50 mm - U |
| Solid products contained in a plastic bag | 26,0 (Y) kg | G-09.130 | PP36 - 50 mm - U |
| N° 4 plastic jerrycans 5 L each | 30,0 (Y) kg | DGP-23.063 | PP36 - 75 mm - U |
| N° 4 metal drums 5 L each | 26,0 (Y) kg | G-09.130 | PP36 - 75 mm - U |
| Different ambient perfumery products | 18,5 (Y) kg | G-22.229 | PP36 - 50 mm - U |

UN-CERTIFIED 4G BOX PG577



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 4G-3577-NT (neutral printing) |
| OUTER DIMENSIONS | 500 x 300 x 280h mm |
| INNER DIMENSIONS | 485 x 285 x 250h mm |
| UN CERTIFICATION | Ⓜ 4G/X14/S/** - B/SERPAC.412-180178 |
| CONTENT | Liquids, aerosol or solids |

4 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|-----------------------------|-----------|-----------------------|
| Different personal perfumery products | 21 (Y) kg | G-18.197H | PP36 - 50 mm - U |
| Aerosol | 15 (Y) kg | G-18.230 | PP36 - 50 mm - U |
| Solid products contained in a plastic bag | 14 (X) 21 (Y) 31 (Z) kg | G-18.197H | PP36 - 50 mm - U |

** production year of the cardboard box

UN-CERTIFIED 4G BOX **PG601**



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 4G-3601-NT (neutral printing) |
| OUTER DIMENSIONS | 400 x 300 x 400h mm |
| INNER DIMENSIONS | 380 x 280 x 370h mm |
| UN CERTIFICATION | Ⓜ 4G/Y27/S/** - B/SERPAC.412-120055 |
| CONTENT | Lead batteries |

8 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| N° 2 batteries UN2794 / UN2795* | 27 (Y) kg | G-12.024 | PP36 - 50 mm - + |

* Place the single battery in a PE bag, surround it with vermiculite or polystyrene chips.

UN-CERTIFIED 4G BOX **PG514**



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 4G-3514-NT (neutral printing) |
| OUTER DIMENSIONS | 405 x 405 x 330h mm |
| INNER DIMENSIONS | 390 x 390 x 302h mm |
| UN CERTIFICATION | Ⓜ 4G/X29/S/** - B/SERPAC.412-170067 |
| CONTENT | Liquids, aerosol or solids |

6 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Different personal perfumery products | 29 (Y) kg | G-16.318 | PP36 - 50 mm - U |
| Aerosol | 20 (Y) kg | G-16.318 | PP36 - 50 mm - U |
| Solid products contained in a plastic bag | 29 (X) kg | G-18.023 | PP36 - 50 mm - U |

UN-CERTIFIED 4G BOX **PG353**



| | |
|-------------------------|---|
| SERPAC CODE | 3353-GV-NT (neutral printing) 3353-G-02 (stampa UN1266 Perfumery products) |
| OUTER DIMENSIONS | 400 x 300 x 470h mm |
| INNER DIMENSIONS | 380 x 280 x 440h mm |
| UN CERTIFICATION | Ⓜ 4G/X32.2/S/** - B/SERPAC.412-180287 Ⓜ 4G/X32.2/S/** - B/SERPAC.2151-180287 |
| CONTENT | Liquids, aerosol or solids |

8 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|---------------------------------|-----------|-----------------------|
| Different personal perfumery products | 27,0 (X) kg | G-19.191H | PP36 - 50 mm - U |
| Aerosol | 20,0 (X) kg | G-18.231 | PP36 - 50 mm - U |
| Different ambient perfumery products | 17,4 (Y) kg | G-22.228 | PP36 - 50 mm - U |
| Solid products contained in a plastic bag | 32,2 (X) 48,3 (Y) kg 51 (Z) | G-19.191H | RB - 50 mm - U |

UN-CERTIFIED 4G BOX PG813/592



| | |
|-------------------------|--|
| SERPAC CODE | 4G-3592-NT (neutral printing) 4G-3592-02 (stampa UN1266 Perfumery products) |
| OUTER DIMENSIONS | 600 x 400 x 350h mm |
| INNER DIMENSIONS | 580 x 380 x 275h mm |
| UN CERTIFICATION | ④ 4G/X30/S/** - B/SERPAC.412-180286 ④ 4G/X30/S/** - B/SERPAC.2151-180286 |
| CONTENT | Liquids, aerosol or solids |

4 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|------------|-----------------------|
| Different personal perfumery products | 30 (Y) kg | G-18.232 | PP36 - 50 mm - U |
| Aerosol | 24 (Y) kg | G-18.232 | PP36 - 50 mm - U |
| Solid products contained in a plastic bag | 30 (X) kg | DGP-23.017 | PP36 - 50 mm - U |

UN-CERTIFIED 4G BOX PG354



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 3354-GV-NT (neutral printing) |
| OUTER DIMENSIONS | 450 x 450 x 450h mm |
| INNER DIMENSIONS | 430 x 430 x 420h mm |
| UN CERTIFICATION | ④ 4G/X44/S/** - B/SERPAC.412-120057 |
| CONTENT | Solids |

24 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|----------------------|------------|-----------------------|
| Solid products contained in a plastic bag | 44 (X) 51,5 (Y) kg | G-19.242 H | RB - 50 mm - U |
| N° 1 battery UN2794 / UN2795* | 41 (Y) kg | G-12.026 | PP36 - 50 mm - 2+ |

* Inserire la singola batteria in un sacco in PE, circondare il tutto con vermiculite o patatine di polistirolo.

UN-CERTIFIED 4G BOX PG355



| | |
|-------------------------|---|
| SERPAC CODE | 3355-GV-NT (neutral printing) 3355-G-02 (UN1266 Perfumery products print) |
| OUTER DIMENSIONS | 600 x 400 x 450h mm |
| INNER DIMENSIONS | 580 x 380 x 420h mm |
| UN CERTIFICATION | ④ 4G/X51.5/S/** - B/SERPAC.412-060026 ④ 4G/X51.5/S/** - B/SERPAC.2151-060026 |
| CONTENT | Liquids, aerosol or solids |

4 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|--|-------------------|------------|-----------------------|
| Different personal perfumery products | 40,0 (Y) kg | G-06.010 | PP36 - 50 mm - U |
| Aerosol | 40,0 (Y) kg | G-07.215 | PP36 - 50 mm - U |
| Solid products contained in a plastic bag | 51,5 (X) kg | G-19.285 | RB - 50 mm - U |
| Solid products contained in plastic bags** | 40 (Y) kg | G-07.215 | PP36, 50 mm, U |
| N° 1 battery UN2794 / UN2795* | 51,0 (Y) (Z) kg | DGP-23.019 | PP36 - 50 mm - + |

* Place the single battery in a PE bag, surround it with vermiculite or polystyrene chips.

** Place the products in a maximum of two PE bags, each weighing up to 20 kg.

** production year of the cardboard box



Check on the UN certificate which inner packagings are allowed



UN-CERTIFIED 4G BOX PG805

| | | | |
|---|-------------------------|--|---|
|  | SERPAC CODE | 4G-3105-NT (neutral printing) 4G-3105-02 (stampa UNI266 Perfumery products) |  |
| | OUTER DIMENSIONS | 800 x 600 x 455h mm | |
| | INNER DIMENSIONS | 780 x 580 x 425h mm | |
| | UN CERTIFICATION | Ⓜ 4G/Y83/S/** - B/SERPAC.412-060030 Ⓜ 4G/Y83/S/** - B/SERPAC.2151-060030 | |
| | CONTENT | Liquids o aerosol | |

2 units per stack on pallet 1200 x 800 mm

ADR RID ADN IMDG IATA

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|------------|-----------------------|
| Different personal perfumery products | 38 (Y) kg | G-06.082 | PP36 - 75 mm - U |
| Different personal perfumery products | 75 (Y) kg | G-06.083 | RB - 50 mm - U |
| Different personal perfumery products | 83 (Y) kg | G-06.083 | PP36 - 75 mm - HE |
| Aerosols | 38 (Y) kg | G-06.082 | PP36 - 75 mm - U |
| Aerosols | 83 (Y) kg | G-06.083 | PP36 - 75 mm - HE |
| Solid products contained in plastic bags* | 83 (Y) kg | DGP-25.136 | PP36 - 75 mm - HE |

* Place the products in a maximum of two PE bags, each weighing up to 20 kg.

UN-CERTIFIED 4G BOX PG806

| | | | |
|---|-------------------------|--|---|
|  | SERPAC CODE | 3106-GV-NT (neutral printing) 4G-3106-02 (stampa UNI266 Perfumery products) |  |
| | OUTER DIMENSIONS | 1200 x 800 x 770h mm | |
| | INNER DIMENSIONS | 1170 x 770 x 720h mm | |
| | UN CERTIFICATION | Ⓜ 4G/Y275/S/** - B/SERPAC.412-060033 | |
| | CONTENT | Liquids, aerosol or solids | |

1 unit per stack on pallet 1200 x 800 mm

ADR RID ADN IMDG IATA

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|--------------------|----------|-----------------------|
| Differenti prodotti di profumeria per persona | 245 (Y) kg | G-07.239 | PP36 - 75 mm - HE |
| Differenti prodotti di profumeria per persona | 265 (Y) kg | G-07.239 | RB - 50 mm - 3H |
| Differenti prodotti di profumeria per persona | 275 (Y) kg | G-07.212 | PP36 - 75 mm - HE |
| Aerosol | 275 (Y) kg | G-07.212 | PP36 - 75 mm - HE |
| Solid products contained in plastic bags* | 275(Y) 300(Z) kg | G-17.033 | RB - 50 mm - HR |

* The bags should weigh between 5 and 40 kg, all of which should be placed in an additional containment bag.

4G BOXES

**CLOSURE
SYSTEMS****SYSTEM U TAPE PP36**

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

**SYSTEM + TAPE PP36**

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

**SYSTEM H TAPE RB**

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.

**SYSTEM 3H TAPE RB**

Close the box by taping it centrally three times (slightly offset) and then tape the short sides.

**SYSTEM HE TAPE PP36**

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.

**SYSTEM HR TAPE RB**

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.



VIDEO TRAINING COURSES

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

www.serpac.it/en



| | 4G | 4GV |
|----------------------------|--|--|
| IMBALLAGGIO INTERNO | Specifico imballaggio interno | Differenti imballaggi interni |
| IMBALLAGGIO ESTERNO | Specifico imballaggio esterno | Specifico imballaggio esterno + materiale assorbente e di imbottitura |
| | Specifico imballaggio esterno + specifico imballaggio interno | Specifico imballaggio esterno + differenti imballaggi interni + specifico materiale assorbente e di imbottitura |
| | <ul style="list-style-type: none"> Stessi imballaggi interni Stessa disposizione Stesso imballaggio esterno Stesso sistema di chiusura | <ul style="list-style-type: none"> Differenti oggetti o imballaggi interni Stesso sistema di chiusura Stesso materiale assorbente e Stesse o maggiori distanze |

FREE

WHAT ARE THE DIFFERENCES BETWEEN A UN 4G AND 4GV CERTIFIED BOX?

Length 10'

A detailed video explaining in depth the main features and differences between a UN 4G and 4GV certified box. It contains all the steps to identify the correct type of packaging for your shipment, practical examples, and in-depth explanations.

CHOOSING THE PROPER PACKAGING

Length 6'

When you read in your ADR, RID, ADN, IMDG, or IATA manual that combined packaging is allowed and that you can use a 4G box, **are you sure that for a compliant and safe shipment you only need to buy any UN 4G certified box?** We have created a **video tutorial with practical demonstrations and concrete examples** to understand how to make the correct choice between a UN 4G certified packaging and a UN 4GV-certified packaging.



FREE

4G SHIPMENTS BY AIR IATA

Length 6'

This video course explains how to properly prepare and ship your dangerous goods using UN 4G certified packaging. The video explains **the choice, preparation, package labeling, and how to fill in the documents** for the correct and safe shipment of your dangerous goods. The video shows an example of dangerous goods shipped in compliance with the **IATA regulations**.



FREE

4G PYROBOXES FOR FIREWORKS



PyroBoxes
PACKAGINGS APPROVED TO SHIP
DIFFERENT FIREWORKS AND IGNITERS

**DON'T RISK,
LET YOUR
SHOW BEGIN!**



Fireworks



Igniters



Black powder

| | Fireworks | Igniters | Black powder |
|-------|-----------|----------|--------------|
| FW010 | ● | ● | ● |
| FW020 | ● | ● | ✗ |
| FW030 | ● | ● | ✗ |
| FW040 | ● | ✗ | ✗ |
| FW050 | ● | ✗ | ✗ |
| FW060 | ● | ✗ | ✗ |

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



The label
of responsible forest
management

PURCHASE DETAILS

* ADR / RID / IMDG 6.1.3 / IATA 6.0.4.2

| TYPE | SERPAC CODE | UN CERTIFIC.* | 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/Y34/S | 380 x 280 x 440h | 400 x 300 x 470h | 15 | 700 x 750 x 168h | 150 | 1350 x 800x 1300h | 230 |
| FW020 | 4G-FW020-NT | 4G/Y39.3/S | 580 x 380 x 281h | 600 x 400 x 305h | 14 | 1000 x 700 x 168h | 168 | 1350 x 1000 x 1250h | 290 |
| FW030 | 4G-FW030-NT | 4G/Y64.8/S | 580 x 380 x 420h | 600 x 400 x 450h | 15 | 1000 x 850 x 168h | 150 | 1650 x 1000 x 1300h | 345 |
| FW040 | 4G-FW040-NT | 4G/Y28/S | 765 x 225 x 230h | 780 x 226 x 225h | 14 | 1050 x 500 x 140h | 168 | 1200 x 950 x 1300h | 195 |
| FW050 | 4G-FW050-NT | 4G/Y45.4/S | 782 x 582 x 260h | 800 x 600 x 290h | 10 | 1400 x 900 x 150h | 80 | 1400 x 870 x 1300h | 250 |
| FW060 | 4G-FW060-NT | 4G/Y29.2/S | 1045 x 245 x 190h | 1060 x 260 x 220h | 15 | 1350 x 500 x 140h | 150 | 1350 x 950 x 1300h | 245 |

All our boxes are also available in FSC® certified version, ask us for features and price list



** production year of the cardboard box

THE PERFECT SOLUTION FOR YOUR SHIPMENTS OF



FIREWORKS

UN0333, UN0334,
UN0335, UN0336, UN0337



IGNITERS

UN0121, UN0314, UN0315,
UN0325, UN0454



BLACK POWDER

UN0027, UN0028

PYROBOX 4G FW010



SERPAC CODE 4G-FW010-NT (neutral printing)

OUTER DIMENSIONS 400 x 300 x 470h mm

INNER DIMENSIONS 380 x 280 x 440h mm

UN CERTIFICATION 4G/Y34/S/** - B/SERPAC.412-200172

4G/Y34/S/** - B/SERPAC.2151-200172

CONTENT Fireworks / Black powder

8 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | CALIBER | | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|---------|-----|------------------|----------|-----------------------|
| | MIN | MAX | | | |
| Spherical shell | 65 | 250 | 24,5 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Cylindrical shell | 60 | 200 | 32,0 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Single shot (Shot tube) | 30 | 60 | 26,8 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Batteries (Cakes) / combination | - | - | 16,5 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Igniters | - | - | 12,9 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Mix of fireworks 1 to 5 | - | - | 32,0 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Other fireworks | - | - | 27,4 (Y) kg | G-20.134 | PP36 - 50 mm - U |
| Black powder | - | - | 32,0 (Y) kg | G-20.134 | PP36 - 50 mm - U |

PYROBOX 4G FW020



SERPAC CODE 4G-FW020-NT (neutral printing)

OUTER DIMENSIONS 600 x 400 x 305h mm

INNER DIMENSIONS 580 x 380 x 281h mm

UN CERTIFICATION 4G/Y39.3/S/** - B/SERPAC.412-200173

4G/Y39.3/S/** - B/SERPAC.2151-200173

CONTENT Fireworks

4 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | CALIBER | | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|---------|-----|------------------|----------|-----------------------|
| | MIN | MAX | | | |
| Spherical shell | 65 | 250 | 38,1 (Y) kg | G-20.135 | PP36 - 50 mm - 2U |
| Cylindrical shell | 60 | 200 | 39,0 (Y) kg | G-20.135 | PP36 - 50 mm - 2U |
| Single shot (Shot tube) | 30 | 60 | 33,2 (Y) kg | G-20.135 | PP36 - 50 mm - 2U |
| Batteries (Cakes) / combination | - | - | 23,8 (Y) kg | G-20.135 | PP36 - 50 mm - U |
| Igniters | - | - | 20,1 (Y) kg | G-20.135 | PP36 - 50 mm - U |
| Mix of fireworks 1 to 5 | - | - | 39,0 (Y) kg | G-20.135 | PP36 - 50 mm - 2U |
| Other fireworks | - | - | 39,3 (Y) kg | G-20.135 | PP36 - 50 mm - U |

PYROBOX 4G FW030



| | |
|-------------------------|---|
| SERPAC CODE | 4G-FW030-NT (neutral printing) |
| OUTER DIMENSIONS | 600 x 400 x 450h mm |
| INNER DIMENSIONS | 580 x 380 x 420h mm |
| UN CERTIFICATION | Ⓜ 4G/Y64.8/S/** - B/SERPAC.412-200174 Ⓜ 4G/Y64.8/S/** - B/SERPAC.2151-200174 |
| CONTENT | Fireworks |

4 units per stack on pallet 1200 x 800 mm



✓ ✓ ✓ ✓ ✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | CALIBER MIN | CALIBER MAX | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|----------------|----------------|---------------------|----------|-----------------------|
| Spherical shell | 65 | 400 | 57,7 (Y) kg | G-20.136 | PP36 - 50 mm - 3U |
| Cylindrical shell | 60 | 200 | 64,8 (Y) kg | G-20.136 | PP36 - 50 mm - 2U |
| Single shot (Shot tube) | 30 | 60 | 45,4 (Y) kg | G-20.136 | PP36 - 50 mm - 3U |
| Batteries (Cakes) / combination | - | - | 33,5 (Y) kg | G-20.136 | PP36 - 50 mm - U |
| Igniters | - | - | 27,0 (Y) kg | G-20.136 | PP36 - 50 mm - U |
| Mix of fireworks 1 to 5 | - | - | 64,8 (Y) kg | G-20.136 | PP36 - 50 mm - 3U |
| Other fireworks | - | - | 51,8 (Y) kg | G-20.136 | PP36 - 50 mm - 2U |

PYROBOX 4G FW040



| | |
|-------------------------|---|
| SERPAC CODE | 4G-FW040-NT (neutral printing) |
| OUTER DIMENSIONS | 780 x 240 x 260h mm |
| INNER DIMENSIONS | 765 x 225 x 230h mm |
| UN CERTIFICATION | Ⓜ 4G/Y28/S/** - B/SERPAC.412-200175 Ⓜ 4G/Y28/S/** - B/SERPAC.2151-200175 |
| CONTENT | Fireworks |

5 units per stack on pallet 1200 x 800 mm



✓ ✓ ✓ ✓ ✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | CALIBER MIN | CALIBER MAX | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|----------------|----------------|---------------------|----------|------------------------|
| Roman candles | 20 | 30 | 28 (Y) kg | G-20.137 | PP36 - 50 mm - 2U + 4L |

PYROBOX 4G FW050



| | |
|-------------------------|---|
| SERPAC CODE | 4G-FW050-NT (neutral printing) |
| OUTER DIMENSIONS | 800 x 600 x 290h mm |
| INNER DIMENSIONS | 781 x 582 x 260h mm |
| UN CERTIFICATION | Ⓜ 4G/Y45.4/S/** - B/SERPAC.412-200176 Ⓜ 4G/Y45.4/S/** - B/SERPAC.2151-200176 |
| CONTENT | Fireworks |

2 units per stack on pallet 1200 x 800 mm



✓ ✓ ✓ ✓ ✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|------------------------|
| Batteries (Cakes) / combination | 45,4 (Y) kg | G-20.138 | PP36 - 50 mm - 2U + 4L |

PYROBOX 4G FW060



| | |
|-------------------------|---|
| SERPAC CODE | 4G-FW060-NT (neutral printing) |
| OUTER DIMENSIONS | 1060 x 260 x 220h mm |
| INNER DIMENSIONS | 1045 x 245 x 190h mm |
| UN CERTIFICATION | Ⓜ 4G/Y29.2/S/** - B/SERPAC.412-200177 Ⓜ 4G/Y29.2/S/** - B/SERPAC.2151-200177 |
| CONTENT | Fireworks |

3 units per stack on pallet 1200 x 800 mm



✓ ✓ ✓ ✓ ✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | CALIBER MIN | CALIBER MAX | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|----------------|----------------|---------------------|----------|-----------------------|
| Roman candles | 20 | 50 | 28,4 (Y) kg | G-20.139 | PP36 - 50 mm - U + 4L |



CLOSURE SYSTEMS

FOR 4G PYROBOXES



SYSTEM **U** TAPE PP36

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



SYSTEM **2U** TAPE PP36

Using the appropriate 50 mm tape, tape twice the central part



SYSTEM **3U** TAPE PP36

Using the appropriate 50 mm tape, tape 3 times the central part



SYSTEM **U** + **4L** TAPE PP36

Using the appropriate 50 mm tape, tape 1 time the center part and place at equal distance between the center tape and the end of the box a piece of tape as shown in the picture



SYSTEM **2U** + **4L** TAPE PP36

Using the appropriate 50 mm tape, tape the center part twice and place at equal distance between the center tape and the end of the box a piece of tape as shown in the picture

SHIP YOUR PERFUMERY PRODUCTS EVERYWHERE

4G BOXES TESTED FOR DIFFERENT TYPES OF PERFUMERY PRODUCTS



Boxes suitable for shipping in all modalities of transportation. They can contain different perfumery products (for person and ambient) in glass ampoules inserted in their own case. **They do not require to be grouped in additional corrugated or flat fibreboard packaging.** Check the technical data sheet or test report for further details.



The label of responsible forest management

PURCHASE DETAILS

"UN1266 Perfumery products" print

| TYPE | SERPAC CODE | MAX GROSS WEIGHT kg | | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | QUANTITY PER PACK N° | PACKAGE FORMAT mm | QUANTITY PER PALLET N° | PALLET FORMAT mm | PALLET WEIGHT kg |
|--------|-------------|---------------------|----------|---------------------|---------------------|----------------------|-------------------|------------------------|---------------------|------------------|
| | | person | ambient | | | | | | | |
| PG411 | 4G-3411-NT | 3.45 (Y) | - | 140 x 120 x 175h | 148 x 128 x 191h | 18 | 319 x 276 x 160h | 1512 | 1200 x 1000 x 1300h | 180 |
| *PG807 | 4G-3107-NT | 9 (Y) | 4.3 (Y) | 280 x 180 x 230h | 300 x 200 x 260h | 17 | 500 x 460 x 252h | 510 | 1300 x 1000 x 1300h | 185 |
| *PG896 | 4G-3896-NT | 16 (Y) | 18.5 (Y) | 355 x 355 x 275h | 370 x 370 x 305h | 17 | 730 x 660 x 252h | 170 | 1350 x 800 x 1350h | 135 |
| *PG808 | 4G-3108-NT | 16 (Y) | 12.5 (Y) | 380 x 280 x 230h | 400 x 300 x 260h | 17 | 700 x 560 x 252h | 340 | 1200 x 800 x 1300h | 180 |
| *PG353 | 3353-GV-NT | 27 (X) | 17.4 (Y) | 380 x 280 x 440h | 400 x 300 x 470h | 14 | 700 x 750 x 168h | 168 | 1350 x 800 x 1300h | 230 |
| *PG353 | 3353-G-02 | 27 (Y) | 17.4 (Y) | 380 x 280 x 440h | 400 x 300 x 470h | 14 | 700 x 750 x 168h | 168 | 1350 x 800 x 1300h | 230 |
| PG514 | 4G-3514-NT | 29 (Y) | - | 390 x 390 x 302h | 397 x 397 x 317h | 17 | 780 x 700 x 170h | 170 | 1430 x 800 x 1350h | 194 |
| PG577 | 4G-3577-NT | 21 (Y) | - | 485 x 285 x 250h | 500 x 300 x 280h | 17 | 785 x 560 x 210h | 170 | 1120 x 785 x 1176h | 230 |
| PG592 | 4G-3592-NT | 30 (Y) | - | 580 x 380 x 275h | 600 x 400 x 305h | 12 | 1000 x 700 x 168h | 168 | 1350 x 1000 x 1250h | 290 |
| PG592 | 4G-3592-02 | 30 (Y) | - | 580 x 380 x 275h | 600 x 400 x 305h | 15 | 1000 x 700 x 168h | 180 | 1350 x 1000 x 1250h | 290 |
| PG355 | 3355-GV-NT | 40 (Y) | - | 580 x 380 x 420h | 600 x 400 x 450h | 10 | 1000 x 850 x 168h | 160 | 1650 x 1000 x 1300h | 345 |
| PG355 | 3355-G-02 | 40 (Y) | - | 580 x 380 x 420h | 600 x 400 x 450h | 10 | 1000 x 850 x 168h | 160 | 1650 x 1000 x 1300h | 345 |
| PG805 | 4G-3105-NT | 83 (Y) | - | 780 x 580 x 425h | 800 x 600 x 455h | 5 | 1400 x 1050 x 70h | 80 | 1400 x 1050 x 1300h | 305 |
| PG805 | 4G-3105-02 | 83 (Y) | - | 780 x 580 x 425h | 800 x 600 x 455h | 5 | 1400 x 1050 x 70h | 80 | 1400 x 1050 x 1300h | 305 |
| PG806 | 3106-GV-NT | 275 (Y) | - | 1170 x 770 x 720h | 1200 x 800 x 770h | 3 | 2000 x 1600 x 75h | 45 | 2000 x 1550 x 1250h | 440 |
| PG806 | 4G-3106-02 | 275 (Y) | - | 1170 x 770 x 720h | 1200 x 800 x 770h | 3 | 2000 x 1600 x 75h | 45 | 2000 x 1550 x 1250h | 440 |

* Also certified for ambient perfumery products

ADR / RID / IMDG 6.1.3 / IATA 6.0.4.2

All our boxes are also available in FSC® certified version, ask us for features and price list

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



LABELS FOR PACKAGES CONTAINING UN1266 PERFUMERY PRODUCTS

Page 92



HERE'S WHY YOU SHOULD USE OUR 4G

TESTED FOR DIFFERENT TYPES OF AEROSOLS

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



The label
of responsible forest
management

PURCHASE DETAILS

| TYPE | SERPAC CODE | UN CERTIFIC.* | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | QUANTITY PER PACK N° | PACKAGE FORMAT mm | QUANTITY PER PALLET N° | PALLET FORMAT mm | PALLET WEIGHT kg |
|--------------|-------------------|---------------|---------------------|---------------------|----------------------|-------------------|------------------------|---------------------|------------------|
| PG896 | 4G-3896-NT | 4G/Y16/S | 355 x 355 x 275h | 370 x 370 x 305h | 17 | 730 x 660 x 252h | 170 | 1350 x 800 x 1350h | 145 |
| PG808 | 4G-3108-NT | 4G/Y16/S | 380 x 280 x 230h | 400 x 300 x 260h | 17 | 700 x 560 x 252h | 340 | 1200 x 800 x 1300h | 180 |
| PG353 | 3353-GV-NT | 4G/X32.2/S | 380 x 280 x 440h | 400 x 300 x 470h | 14 | 700 x 750 x 168h | 168 | 1350 x 800 x 1300h | 230 |
| PG514 | 4G-3514-NT | 4G/Y20/S | 390 x 390 x 302h | 397 x 397 x 317h | 17 | 780 x 700 x 170h | 170 | 1430 x 800 x 1350h | 194 |
| PG577 | 4G-3577-NT | 4G/Y15/S | 485 x 285 x 250h | 500 x 300 x 280h | 17 | 785 x 560 x 210h | 170 | 1120 x 785 x 1176h | 230 |
| PG592 | 4G-3592-NT | 4G/Y24/S | 580 x 380 x 275h | 600 x 400 x 305h | 12 | 1000 x 700 x 168h | 168 | 1350 x 1000 x 1250h | 290 |
| PG355 | 3355-GV-NT | 4G/Y40/S | 580 x 380 x 420h | 600 x 400 x 450h | 10 | 1000 x 850 x 168h | 160 | 1650 x 1000 x 1300h | 318 |
| PG805 | 4G-3105-NT | 4G/Y83/S | 780 x 580 x 425h | 800 x 600 x 455h | 5 | 1400 x 1050 x 70h | 80 | 1400 x 1050 x 1300h | 305 |
| PG806 | 3106-GV-NT | 4G/Y275/S | 1170 x 770 x 720h | 1200 x 800 x 770h | 3 | 2000 x 1600 x 75h | 45 | 2000 x 1550 x 1250h | 440 |

All our boxes are also available in FSC® certified version, ask us for features and price list

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



LABELS FOR PACKAGES CONTAINING UN1950 AEROSOL

Page 90

CERTIFIED FOR DIFFERENT TYPES OF 38.3 TESTED LITHIUM BATTERIES

SEE THE PROS OF OUR 4G BOXES!

When lithium batteries tested 38.3 have to be shipped, it is often required to use UN-certified packaging. When due to quantities it is not possible to have tailor-made packaging it is necessary to use UN-certified packaging tested to ship different lithium batteries. Our 4G boxes with sheet foam kits are perfect because they are tested precisely to ship different lithium batteries.



UN CERTIFIED BOXES WITH FOAM KIT SR

| TYPE | SERPAC CODE | UN CERTIFIC.* | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | CONTENT | PACKAGE MAX GROSS WEIGHT | TAPE - WIDTH - SYSTEM |
|----------|-------------|---------------|---------------------|---------------------|-------------------|--------------------------|-----------------------|
| PG807/SR | 4G-3107-SR | 4G/Y9/S | 240 x 140 x 185h | 300 x 200 x 260h | Batterie al Litio | 9 kg | PP36 - 50 mm - U |
| PG808/SR | 4G-3108-SR | 4G/Y16/S | 340 x 240 x 185h | 400 x 300 x 260h | Batterie al Litio | 16 kg | PP36 - 50 mm - U |
| PG355/SR | 4G-3102-SR | 4G/X51.5/S | 540 x 340 x 375h | 600 x 400 x 450h | Batterie al Litio | 40 kg | PP36 - 50 mm - U |

All our boxes are also available in FSC® certified version, ask us for features and price list



TESTED TO SHIP DIFFERENT LITHIUM BATTERIES



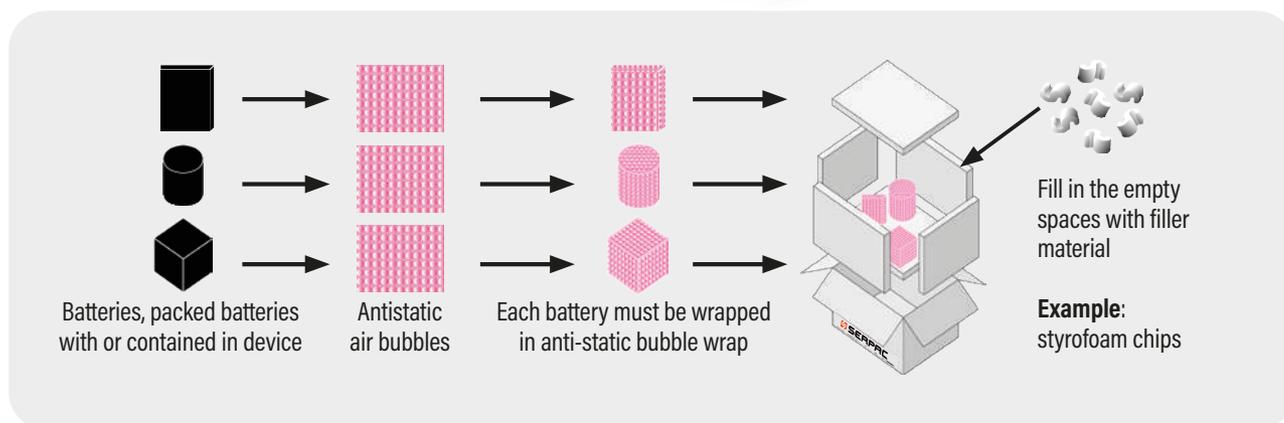
PG808/SR



PG355/SR



The label of responsible forest management





SHIPPING LITHIUM BATTERIES "IN EXEMPTION" OUR PRODUCTS AND SERVICES

1 CHECK THAT YOUR PRODUCTS BELONG TO THESE CATEGORIES

CELLS



Lithium metallic
UN3090 - UN3091

≤ 1g

Lithium ionic
UN3480 - UN3481

≤ 20 Wh



BATTERIES

Lithium metallic
UN3090 - UN3091

≤ 2g

Lithium ionic
UN3480 - UN3481

≤ 100 Wh

2 LET US KNOW THE TRANSPORT MODALITY YOU CHOOSE



ADR, RID, ADN e IMDG Special disposition 188

IATA

Section IB (P.I. 965 and P.I. 968)

Sect. II (P.I. 966, P.I. 967, P.I. 969, P.I. 970)



3 WE PROVIDE THE TESTED AND CERTIFIED PACKAGING SOLUTION



Barring exceptions, regulations require the following:

- sturdy and strong packaging that is weighted to the contents;
- package capable of passing a 1.2 m **drop test**;
- package capable of passing a 3 m **stacking test** for 24 hours.

Contact us to:

- **identify or create** the correct packaging;
- **perform the tests** required by regulations;
- **certify** the packaging for shipment.



SUFFICIENT THERMAL INSULATION HOW TO EVALUATE IT?

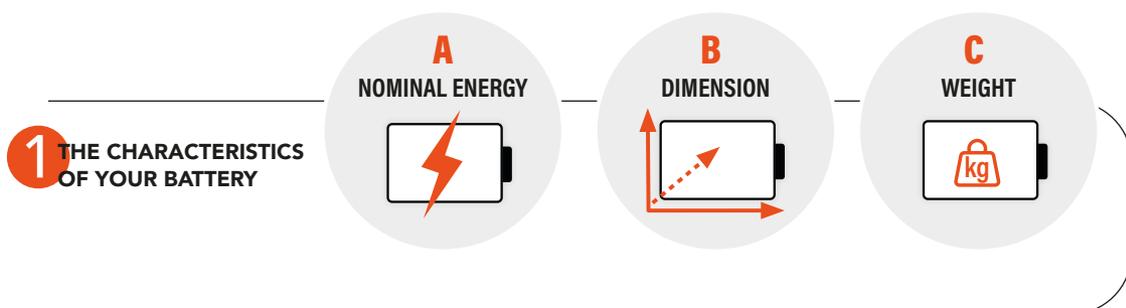
To ship prototypes lithium batteries that are defective/damaged and destined for disposal/recycling, **regulations require** that they should be surrounded by a **sufficient non-combustible and electrically non-conductive material that provides sufficient thermal insulation**. 4GV boxes in combination with vermiculite are often used improperly because they are not supported by a specific analysis of the minimum material thickness to be used.

Precise calculations to ship safely

We have carried out an ad hoc study starting from the characteristics of our 4GVs, enabling us to provide you with **certified UN 4G boxes suitable for shipping lithium batteries (P908, P909, P910)**. This study is supported by a specific calculation to define precisely what is the minimum thickness of material (whether vermiculite or granule) to be used in order to ship your batteries **in full safety and compliance**.

HOW TO CALCULATE THE RIGHT THICKNESS IN 2 STEPS

To make this calculation we need accurate data that are easily available:



2 BASED ON THE DATA PROVIDED WE CALCULATE: MINIMUM THICKNESS OF MATERIAL TO BE USED

We can provide you with two solution:

- **Vermiculite** (cheaper solution)
- **Grain** (safer solution)





4G BOXES WITH GRAIN, FOR DIFFERENT PROTOTYPE LITHIUM BATTERIES, THE SAFEST!

CERTIFIED TO SHIP DIFFERENT PROTOTYPES, DAMAGED OR DEFECTIVE LITHIUM BATTERIES

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.



PG355
Palletizable 4 packs per level



PG2024
Palletizable 2 packs per level



MINIMUM GRAIN DISTANCE BETWEEN BATTERY AND BOX

| | PG355 | PG2024 |
|--|-------|--------|
| | 80 mm | 100 mm |

SCATOLE OMOLOGATE ONU 4G CON GRANULO

| TYPE | SERPAC CODE | UN CERTIF. | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | CONTENT | BATTERY MAX GROSS WEIGHT | PACKAGE MAX GROSS WEIGHT | TAPE - WIDTH - SYSTEM |
|---------------|-------------------|------------|---------------------|---------------------|------------------------|--------------------------|--------------------------|-----------------------|
| PG355 | 3355-GV-NT | 4G/X51.5/S | 580 x 380 x 420h | 600 x 400 x 450h | N° 1 Batteria al Litio | 25 kg | 46 kg | PP36 - 50 mm - U |
| PG2024 | 4G-85S | 4G/X110/S | 575 x 375 x 302h | 800 x 600 x 550h | N° 1 Batteria al Litio | 68 kg | 110 kg | RB - 50 mm - U |

All our boxes are also available in FSC® certified version, ask us for features and price list



GRAIN SPECIFIC FOR LITHIUM BATTERIES

To keep a certificate valid, one must respect the minimum thickness of material between the battery and its box. The boxes you see in 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).

NON-COMBUSTIBLE AND ELECTRICALLY NON-CONDUCTIVE, THERMAL INSULATION MATERIAL

| CODICE SERPAC | VOLUME | PESO | CONDUCIBILITÀ TERMICA | DIMENSIONI SACCO |
|------------------|--------|---------|-----------------------|------------------|
| GRN-01-LB | 55 L | 12,5 kg | 0,07 W/m·k | 40 x 15 x 80h cm |

4GV BOXES WITH VERMICULITE FOR LITHIUM BATTERIES, THE MOST COST-SAVING!

CERTIFIED TO SHIP DIFFERENT PROTOTYPES, DAMAGED OR DEFECTIVE LITHIUM BATTERIES

The use of **proper and safe packaging** is a fundamental requirement for the shipment of:

- prototype or low production batteries (P910),
- damaged defective batteries (P908);
- batteries for disposal and recycling (P909).

Our 4GV boxes, used in combination with vermiculite (a noncombustible, electrically non-conductive and thermal insulating material) are therefore suitable for shipping in compliance.



AMERICAN BOXES - TECHNICAL FEATURES

| TYPE | SERPAC CODE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | INNER MAX GROSS WEIGHT | PACKAGING MAX GROSS WEIGHT | MINIMUM DISTANCE mm | CERTIFICATION / (EXTENSION) | TAPE - WIDTH - SYSTEM |
|--------|-------------|---------------------|---------------------|------------------------|----------------------------|---------------------|-----------------------------|-----------------------|
| PGV350 | 3350-GV-NT | 186 x 186 x 365h | 200 x 200 x 395h | 2,8 kg | 4,3 kg | * | 4GV/X4.3/S | PP 50 mm - U |
| PGV351 | 3351-GV-NT | 330 x 190 x 285h | 345 x 205 x 310h | 4,0 kg | 7,9 kg | * | 4GV/X7.9/S | PP 50 mm - U |
| PGV352 | 3352-GV-NT | 330 x 330 x 285h | 345 x 345 x 310h | 10,0 kg | 13,2 kg | * | 4GV/X13.2/S | PP 50 mm - U |
| PGV353 | 3353-GV-NT | 380 x 280 x 440h | 400 x 300 x 470h | 13,5 kg | 18,7 kg | * | 4GV/X18.7/S | RB 50 mm - U |
| PGV354 | 3354-GV-NT | 430 x 430 x 420h | 450 x 450 x 450h | 17,5 kg | 26,5 kg | * | 4GV/X26.5/S | RB 50 mm - U |
| PGV355 | 3355-GV-NT | 580 x 380 x 420h | 600 x 400 x 450h | 20,6 kg | 31,4 kg | * | 4GV/X31.4/S | RB 50 mm - U |
| PGV85 | 4GV-85S-NT | 775 x 575 x 502h | 800 x 600 x 550h | 45,0 kg | 78,0 kg | * | 4GV/X78/S | RB 50 mm - U |
| PGV87 | 3106-GV-NT | 1170 x 770 x 720h | 1200 x 800 x 770h | 122,0 kg | 191,0 kg | * | 4GV/X191/S | RB 50 mm - HRE |

*To be checked with our technicians (see p.36), the reported value will indicate the minimum distance between batteries and/or bottom/cover walls (in each direction)

DIE-CUT BOXES - TECHNICAL FEATURES

| TYPE | SERPAC CODE | | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | INNER MAX GROSS WEIGHT | PACKAGING MAX GROSS WEIGHT | MINIMUM DISTANCE mm | CERTIFICATION / (EXTENSION) | TAPE - WIDTH - SYSTEM |
|-------|-------------|----------|---------------------|---------------------|------------------------|----------------------------|---------------------|-----------------------------|--------------------------|
| | ASSEMBL. | LAID OUT | | | | | | | |
| PGV80 | 4GV-80A | 4GV-80S | 140 x 140 x 285h | 150 x 150 x 305h | 1,75 kg | 2,75 kg | * | 4GV/X2.75/S | NO |
| PGV81 | 4GV-81A | 4GV-81S | 190 x 190 x 355h | 200 x 200 x 380h | 2,4 kg | 4,0 kg | * | 4GV/X4/S | NO |
| PGV86 | 4GV-86A | 4GV-86S | 330 x 330 x 310h | 340 x 340 x 340h | 9,5 kg | 14,5 kg | * | 4GV/X14.5/S | PP - 50 mm |
| PGV82 | 4GV-82A | 4GV-82S | 390 x 290 x 360h | 400 x 300 x 390h | 8,5 kg | 14,0 kg | * | 4GV/X14/S | NO |
| PGV83 | 4GV-83A | 4GV-83S | 390 x 390 x 365h | 400 x 400 x 395h | 11,0 kg | 17,0 kg | * | 4GV/X17/S | NO |
| PGV84 | 4GV-84A | 4GV-84S | 590 x 390 x 440h | 600 x 400 x 480h | 20,0 kg | 33,0 kg | * | 4GV/X36/S | PP - 50 mm |
| PGV84 | 4GV-84A | 4GV-84S | 590 x 390 x 440h | 600 x 400 x 480h | 22,0 kg | 36,0 kg | * | 4GV/X36/S | Rinforzato bidirezionale |

*To be checked with our technicians (see p.36), the reported value will indicate the minimum distance between batteries and/or bottom/cover walls (in each direction)

All our boxes are also available in FSC® certified version, ask us for features and price list



4DV BOXES WITH VERMICULITE FOR LITHIUM BATTERIES, THE MOST COST-SAVING!

CERTIFIED TO SHIP DIFFERENT PROTOTYPES, DAMAGED OR DEFECTIVE LITHIUM BATTERIES

The use of **proper and safe packaging** is a fundamental requirement for the shipment of:

- prototype or low production batteries (P910),
- damaged defective batteries (P908);
- batteries for disposal and recycling (P909).

Our 4DV boxes, used in combination with vermiculite (a noncombustible, electrically non-conductive and thermal insulating material) are therefore suitable for shipping in compliance.



**WITHOUT STRAPS
WITH CLOSING CLIPS**

TECHNICAL FEATURES

| TYPE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | BOX WEIGHT (tare) | N° BOXES ON PALLETS 120 X 80 | INNER MAX GROSS WEIGHT | MAX GROSS PACK WEIGHT | MINIMUM DISTANCE mm | 4D UN CERTIF | 4DV UN CERTIF |
|----------|---------------------|---------------------|-------------------|------------------------------|------------------------|-----------------------|---------------------|--------------|---------------|
| D-Box-10 | 400 x 300 x 260h | 420 x 320 x 323h | 4,32 kg | 8 | 9,6 kg | 18,2 kg | * | 4D/X278/S | 4DV/X18.2/S |
| D-Box-20 | 580 x 380 x 380h | 600 x 400 x 443h | 8,0 kg | N/A | 22,8 kg | 40,3 kg | * | 4D/X631/S | 4DV/X40.3/S |
| D-Box-30 | 780 x 580 x 380h | 800 x 600 x 490h | 13,72 kg | N/A | 30,6 kg | 68,4 kg | * | 4D/X99/S | 4DV/X68.4/S |
| D-Box-40 | 780 x 580 x 580h | 800 x 600 x 690h | 16,2 kg | N/A | 61,2 kg | 104,8 kg | * | 4D/X166/S | 4DV/X104.8/S |
| D-Box-50 | 1180 x 780 x 580h | 1200 x 800 x 720h | 33,0 kg | N/A | 89,2 kg | 190,7 kg | * | 4D/X280/S | 4DV/X190.7/S |
| D-Box-60 | 1180 x 780 x 780h | 1200 x 800 x 920h | 35,1 kg | N/A | 122,4 kg | 229,6 kg | * | 4D/X352/S | 4DV/X229.6/S |

*To be checked with our technicians (see p.36), the reported value will indicate the minimum distance between batteries and/or bottom/cover walls (in each direction)

Ask for features and price list at +39 (0) 2 218 71 585 / +39 (0) 2 455 06 456 - sales@serpac.it



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 | TERMAL CONDUCTIVITY | BAG MATERIAL | BAG SIZE |
|--------------|-----------------|---------------------|--------------|------------------|
| VER-6100-MED | 0,1 m3 / 10 kg | 0,063 W/m·k | PE | 50 x 23 x 95h cm |

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



The label of responsible forest management

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 not incompatible. Always verify the details of use in the technical specification sheets and in the test report.

All our boxes are also available in FSC® certified version, ask us for features and price list

KIT
 4G PACKAGING
 AVAILABLE
 WITH



ALUMINIUM BOTTLES

| |
|------------------------|
| N° 4 bottles x 0,625 L |
| N° 4 bottles x 1,100 L |
| N° 1 bottle x 6,250 L |



HDPE BOTTLES

| |
|----------------------|
| N° 4 bottles x 0,5 L |
| N° 4 bottles x 1,0 L |



GLASS BOTTLES

| |
|----------------------|
| N° 2 bottles x 1,1 L |
| N° 4 bottles x 1,1 L |
| N° 6 bottles x 1,1 L |



HDPE JERRICANS

| |
|------------------------|
| N° 1 jerrican x 5,0 L |
| N° 4 jerricans x 5,0 L |

DO YOU APPLY CLP LABELS TO YOUR PACKAGING?

Discover our customized production

See page 125





**production year of the cardboard box

ALLOWED INNERS

You can choose among **different inners**, tested to ship your samples or products. All these inners are **in compliance to IATA regulations** in reference to liquid containers.



TRANSPORT MODALITY

**CONFORMI
49 CFR**



UN-certified 4G boxes suitable for all modalities of transport



VERMICULITE FREE

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



ARE YOU LOOKING FOR UN-CERTIFIED 4G PACKAGING FOR YOUR INNERS?

We perform customized UN certifications
See page 8

UN-CERTIFIED 4G PG982/05PE (4 X 0,5 L HDPE)



| | |
|-------------------------|------------------------------------|
| SERPAC CODE | 4G-3982-05PE |
| OUTER DIMENSIONS | 190 x 190 x 270h mm |
| INNER DIMENSIONS | 182 x 182 x 251h mm |
| UN CERTIFICATION | Ⓜ 4G/Y7/S/** - B/SERPAC.412-110271 |
| CONTENT | Liquids or solids |

24 units per stack on pallet 1200 x 800 mm



| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|------------------------------|------------------|----------|-----------------------|
| N° 4 HDPE bottles 0,5 L each | 7 (Y) kg | G-13.043 | PP36 - 50 mm - U |

UN-CERTIFIED 4G PG982/10PE (4 X 1 L HDPE)



| | |
|-------------------------|------------------------------------|
| SERPAC CODE | 4G-3982-10PE |
| OUTER DIMENSIONS | 190 x 190 x 270h mm |
| INNER DIMENSIONS | 182 x 182 x 251h mm |
| UN CERTIFICATION | Ⓜ 4G/Y7/S/** - B/SERPAC.412-110271 |
| CONTENT | Liquids or solids |

24 units per stack on pallet 1200 x 800 mm



| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|----------------------------|------------------|----------|-----------------------|
| N° 4 HDPE bottles 1 L each | 7 (Y) kg | G-13.043 | PP36 - 50 mm - U |

UN-CERTIFIED 4G PG982/05AL (4 X 0,625 L ALUMINIUM)

| | | | |
|---|-------------------------|------------------------------------|--|
|  | SERPAC CODE | 4G-3982-05AL | 24 units per stack on pallet 1200 x 800 mm   |
| | OUTER DIMENSIONS | 190 x 190 x 270h mm | |
| | INNER DIMENSIONS | 182 x 182 x 251h mm | |
| | UN CERTIFICATION | Ⓜ 4G/Y7/S/** - B/SERPAC.412-110271 | |
| | CONTENT | Liquids or solids | |
| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
| N° 4 aluminium bottles 0,625 L each | 7 (Y) kg | G-17.031H | PP36 - 50 mm - U |

UN-CERTIFIED 4G PG982/12AL (4 X 1,1 L ALUMINIUM)

| | | | |
|---|-------------------------|------------------------------------|--|
|  | SERPAC CODE | 4G-3982-12AL | 24 units per stack on pallet 1200 x 800 mm   |
| | OUTER DIMENSIONS | 190 x 190 x 270h mm | |
| | INNER DIMENSIONS | 182 x 182 x 251h mm | |
| | UN CERTIFICATION | Ⓜ 4G/Y7/S/** - B/SERPAC.412-110271 | |
| | CONTENT | Liquids or solids | |
| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
| N° 4 aluminium bottles 1,1 L each | 7 (Y) 9,80 (Z) kg | G-17.031H | PP36 - 50 mm - U |

UN-CERTIFIED 4G PG516/60AL (1 X 6,250 L ALUMINIUM)

| | | | |
|---|-------------------------|--------------------------------------|--|
|  | SERPAC CODE | 4G-3516-60AL | 24 units per stack on pallet 1200 x 800 mm   |
| | OUTER DIMENSIONS | 200 x 200 x 380h mm | |
| | INNER DIMENSIONS | 195 x 195 x 360h mm | |
| | UN CERTIFICATION | Ⓜ 4G/Y8.6/S/** - B/SERPAC.412-170054 | |
| | CONTENT | Liquids or solids | |
| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
| N° 1 aluminium bottle da 6,250 L each | 8,6 (Y) 12,6(Z) kg | G-17.032 | Not necessary |

UN-CERTIFIED 4G PG982/50PE (1 X 5 L HDPE)

| | | | |
|---|-------------------------|------------------------------------|--|
|  | SERPAC CODE | 4G-3982-50PE | 24 units per stack on pallet 1200 x 800 mm   |
| | OUTER DIMENSIONS | 190 x 190 x 270h mm | |
| | INNER DIMENSIONS | 182 x 182 x 251h mm | |
| | UN CERTIFICATION | Ⓜ 4G/Y7/S/** - B/SERPAC.412-110271 | |
| | CONTENT | Liquids or solids | |
| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
| HDPE jerrican 5 L | 7 (Y) kg | G-14.080H | PP36 - 50 mm - U |



**production year of the cardboard box

UN-CERTIFIED 4G PG896 (4 X 5 L HDPE)



| | |
|-------------------------|---|
| SERPAC CODE | 4G-3896-50PE (neutral printing) |
| OUTER DIMENSIONS | 370 x 370 x 305h mm |
| INNER DIMENSIONS | 355 x 355 x 275h mm |
| UN CERTIFICATION | Ⓜ 4G/Y30/S/** - B/SERPAC.412-090138 Ⓜ 4G/Y30/S/** - B/SERPAC.2151-090138 |
| CONTENT | Liquids or solids |

6 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|------------------------------|------------------|------------|-----------------------|
| N° 4 HDPE jerricans 5 L each | 30,0 (Y) kg | DGP-23.063 | PP36 - 75 mm - U |

UN-CERTIFIED 4G PG511/10V1 (2 X 1,1 L GLASS)



| | |
|-------------------------|--------------------------------------|
| SERPAC CODE | 4G-3511-10V1 |
| OUTER DIMENSIONS | 305 x 165 x 325h mm |
| INNER DIMENSIONS | 293 x 150 x 300h mm |
| UN CERTIFICATION | Ⓜ 4G/X6.2/S/** - B/SERPAC.412-170064 |
| CONTENT | Liquids or solids |

20 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|-------------------------------|-------------------------------|----------|-----------------------|
| N° 2 glass bottles 1,1 L each | 6,2 (X) 8 (Y) 10,8 (Z) kg | G-16.315 | PP36 - 50 mm - U |

UN-CERTIFIED 4G PG512/10V1 (4 X 1,1 L GLASS)



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 4G-3512-10V1 |
| OUTER DIMENSIONS | 305 x 305 x 325h mm |
| INNER DIMENSIONS | 293 x 293 x 300h mm |
| UN CERTIFICATION | Ⓜ 4G/X12/S/** - B/SERPAC.412-170065 |
| CONTENT | Liquids or solids |

8 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|-------------------------------|------------------------------|----------|-----------------------|
| N° 4 glass bottles 1,1 L each | 12(X) 15,8(Y) 21,5(Z) kg | G-16.316 | PP36 - 50 mm - U |

UN-CERTIFIED 4G PG513/10V1 (6 X 1,1 L GLASS)



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 4G-3513-10V1 |
| OUTER DIMENSIONS | 425 x 300 x 325h mm |
| INNER DIMENSIONS | 438 x 293 x 300h mm |
| UN CERTIFICATION | Ⓜ 4G/X18/S/** - B/SERPAC.412-170066 |
| CONTENT | Liquids or solids |

5 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| SUPPLIED INNERS | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|-------------------------------|------------------------------|----------|-----------------------|
| N° 6 glass bottles 1,1 L each | 18(X) 23,7(Y) 32,2(Z) kg | G-16.317 | PP36 - 50 mm - U |

BOXES FOR SHIPPING IN LIMITED QUANTITIES

ACCORDING TO CHAPTER 3.4 ADR / RID / ADN / IMDG AND 2.7 IATA

To ship in **Limited Quantities** according to chapter 3.4 in ADR, RID, ADN, 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 FOR SHIPPING IN LIMITED QUANTITIES AVAILABLE IN STOCK

| TYPE | SERPAC CODE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | PACKAGING MAX GROSS WEIGHT | QUANTITY PER PACK N° | PACKAGE FORMAT mm | QUANTITY PER PALLET N° | PALLET FORMAT mm | PALLET WEIGHT kg |
|--------|-------------|---------------------|---------------------|----------------------------|----------------------|-------------------|------------------------|---------------------|------------------|
| SCN807 | SCN-0807-NT | 280 x 180 x 230h | 300 x 200 x 260h | 9,0 kg | 17 | 500 x 460 x 252h | 528 | 1300 x 1000 x 1300h | 180 |
| SCN808 | SCN-0808-NT | 380 x 280 x 230h | 400 x 300 x 260h | 16,0 kg | 17 | 730 x 660 x 252h | 360 | 1200 x 800 x 1300h | 180 |
| SCN803 | SCN-0803-NT | 380 x 280 x 440h | 400 x 300 x 470h | 27,0 kg | 12 | 700 x 750 x 168h | 168 | 1350 x 800 x 1300h | 230 |
| SCN804 | SCN-0804-NT | 390 x 390 x 280h | 400 x 400 x 300h | 30,0 kg | 22 | 800 x 700 x 168h | 264 | 1400 x 800 x 1300h | 210 |
| SCN813 | SCN-0813-NT | 580 x 380 x 275h | 600 x 400 x 300h | 30,0 kg | 12 | 1000 x 700 x 168h | 168 | 1350 x 1000 x 1250h | 290 |
| SCN802 | SCN-0802-NT | 580 x 380 x 420h | 600 x 400 x 450h | 30,0 kg | 12 | 1000 x 850 x 168h | 168 | 1650 x 1000 x 1300h | 345 |
| SCN805 | SCN-0805-NT | 780 x 580 x 425h | 800 x 600 x 455h | 30,0 kg | 5 | 1400 x 1050 x 70h | 80 | 1400 x 1050 x 1300h | 305 |
| SCN806 | SCN-0806-NT | 1170 x 770 x 720h | 1200 x 800 x 770 h | 30,0 kg | 3 | 2000 x 1600 x 75h | 45 | 2000 x 1550 x 1250h | 440 |

All our boxes are also available in FSC® certified version, ask us for features and price list

ARE YOU SHIPPING IN LIMITED QUANTITIES?

Scan the QR code and watch our **free video tutorial**



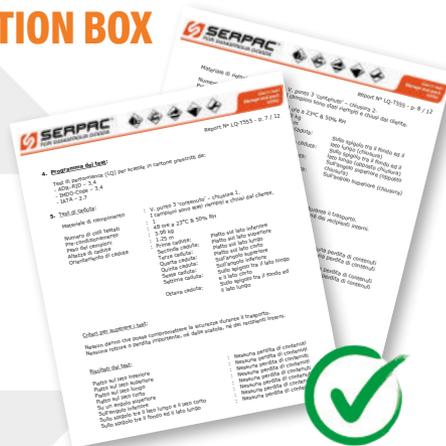


LQ PACKAGING DECLARATION AND CERTIFICATION FOR AIR SHIPMENT IATA

1 VERIFICATION AND CONFORMITY DECLARATION BOX 3.4 ADR / RID / ADN / IMDG AND 2.7 IATA

We analyze your inner packaging, package weight and type of shipment so that we can define the appropriate type of packaging then issue a declaration of conformity for Limited Quantities shipment.

This "Suitability of Packaging for Limited Quantities Shipments" document may be provided to authorities in case of a request, inspection or incident.



2 SPEDISCI VIA AEREA IN LQ? TESTIAMO E CERTIFICHIAMO IL TUO IMBALLAGGIO

The greater the risks, the higher the responsibilities and standards to be met. This is precisely why transportation in LQ IATA is much more restrictive than other modes of transportation. Packaging testing will have to be performed for all possible combinations of inner packaging that are to be used. The tests that will be performed and documented are:

- 1.2 meter drop test;
- 3 meter stacking test for 24h.



The **Test report**, together with the "Suitability of Packaging for Limited Quantities Shipments" document, may be provided to authorities in case of a request, inspection or incident or in case of shipment from / to Brazil as requested by the state variation BRG-06 (IATA).



DO YOU SHIP LIMITED QUANTITIES TO AND FROM BRAZIL? YOU MUST COMPLY WITH BRG-06.

The 66th edition of the IATA DGR manual introduced the new State Variation BRG-06, which requires that shipments of dangerous goods in Limited Quantities must always be accompanied by a document (a test report or certificate) certifying that the packaging has passed the required tests.

BOXES FOR SHIPPING IN EXEMPT QUANTITIES

Certified dangerous goods boxes packed in Exempt Quantities must meet several requirements defined in different regulations. Specifically, the package must be able to pass a drop test (drop test) and a stacking test at 3 meters for 24h.



WRAPPING PADDING FOR INTERMEDIATE PACKAGING

Remember that if you are shipping in **Excepted Quantities** each inner package must be solidly packed in a **padded intermediate package** so as to prevent any spillage of the contents.

BOXES FOR SHIPPING IN EXCEPTED QUANTITIES AVAILABLE IN STOCK

| TYPE | SERPAC CODE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | PACKAGING MAX GROSS WEIGHT | QUANTITY PER PACK N° | PACKAGE FORMAT mm | QUANTITY PER PALLET N° | PALLET FORMAT mm | PALLET WEIGHT kg |
|--------|-------------|---------------------|---------------------|----------------------------|----------------------|-------------------|------------------------|---------------------|------------------|
| SCN807 | SCN-0807-NT | 280 x 180 x 230h | 300 x 200 x 260h | 9,0 kg | 17 | 500 x 460 x 252h | 528 | 1300 x 1000 x 1300h | 180 |
| SCN808 | SCN-0808-NT | 380 x 280 x 230h | 400 x 300 x 260h | 16,0 kg | 17 | 730 x 660 x 252h | 360 | 1200 x 800 x 1300h | 180 |
| SCN803 | SCN-0803-NT | 380 x 280 x 440h | 400 x 300 x 470h | 270 kg | 15 | 700 x 750 x 168h | 168 | 1350 x 800 x 1300h | 230 |
| SCN804 | SCN-0804-NT | 390 x 390 x 280 h | 400 x 400 x 300h | 30,0 kg | 22 | 800 x 700 x 168h | 264 | 1400 x 800 x 1300h | 210 |
| SCN813 | SCN-0813-NT | 580 x 380 x 275h | 600 x 400 x 300h | 30,0 kg | 12 | 1000 x 700 x 168h | 168 | 1350 x 1000 x 1250h | 290 |
| SCN802 | SCN-0802-NT | 580 x 380 x 420h | 600 x 400 x 450h | 30,0 kg | 12 | 1000 x 850 x 168h | 168 | 1650 x 1000 x 1300h | 345 |
| SCN805 | SCN-0805-NT | 780 x 580 x 425h | 800 x 600 x 455h | 30,0 kg | 5 | 1400 x 1050 x 70h | 80 | 1400 x 1050 x 1300h | 305 |
| SCN806 | SCN-0806-NT | 1170 x 770 x 720h | 1200 x 800 x 770h | 30,0 kg | 3 | 2000 x 1600 x 75h | 45 | 2000 x 1550 x 1250h | 440 |

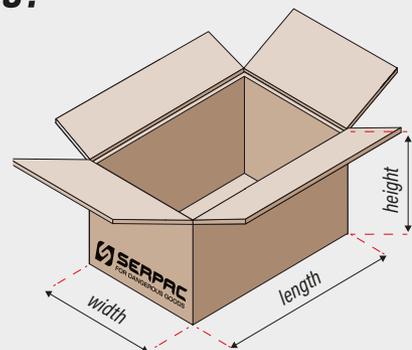
All our boxes are also available in FSC® certified version, ask us for features and price list

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 Exempt Quantities, as written in chapter 3.5 and 2.6.**

CHECK ON OUR CUSTOMIZED BOXES, MINIMUM ORDER 500 PIECES

Send us: length - width - height of your box ---> sales@serpac.it





DICHIARAZIONE IMBALLAGGI QUANTITÀ ESENTI E CERTIFICAZIONE PER LA SPEDIZIONE

DO YOU SHIP IN EXEMPT QUANTITIES? WE TEST AND CERTIFY YOUR PACKAGING

We analyze your inner packaging, package weight and type of shipment so that we can define the appropriate type of packaging then issue a declaration of conformity for shipment in **Exempt Quantities**.

This “**Suitability of Packaging for Excepted Quantity Shipments**” document may be provided to authorities in case of a request, inspection or incident.



Packaging testing will have to be performed for all possible combinations of inner packaging that are to be used. The tests that will be performed and documented are:

- drop test from 1.8 meters;
- stacking test at 3 meters for 24h.

The **Test report**, combined with the “**Suitability of Packaging for Exempt Quantities Shipments**” document, may be provided to authorities in case of a request, inspection, incident or in case of shipment from / to Brazil as requested by the state variation BRG-06 (IATA).



**BUY THE EXEMPT
QUANTITIES MARK**
See page 105

**DON'T RISK!
CERTIFY THE PACKAGING
FOR EXEMPT QUANTITIES**



DO YOU SHIP LIMITED QUANTITIES TO AND FROM BRAZIL? YOU MUST COMPLY WITH BRG-06.

The 66th edition of the IATA DGR manual introduced the new State Variation BRG-06, which requires that shipments of dangerous goods in Limited Quantities must always be accompanied by a document (a test report or certificate) certifying that the packaging has passed the required tests.

SAFE&CLEAN 4GV BOXES VERMICULITE FREE



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



SEE PAGE 50

| TYPE | OUTER DIMENSIONS mm | SERPAC CODE (flat) | SERPAC CODE (assembled) |
|--------|---------------------|--------------------|-------------------------|
| PGV350 | 200 x 200 x 395h | 3350-GV-SC | ✗ |
| PGV351 | 345 x 205 x 310h | 3351-GV-SC | ✗ |
| PGV352 | 345 x 345 x 310h | 3352-GV-SC | ✗ |
| PGV353 | 400 x 300 x 470h | 3353-GV-SC | ✗ |
| PGV354 | 450 x 450 x 450h | 3354-GV-SC | ✗ |
| PGV355 | 600 x 400 x 450h | 3355-GV-SC | ✗ |



4GV BOXES WITH ABSORBING PAD VERMICULITE-FREE



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



SEE PAGE 54

| TYPE | OUTER DIMENSIONS mm | SERPAC CODE (flat) | SERPAC CODE (assembled) |
|-------|---------------------|--------------------|-------------------------|
| PGV81 | 200 x 200 x 380h | 4GV-81K-NT | ✗ |



4GV AMERICAN BOXES WITH VERMICULITE



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



AMERICAN
BOXES

SEE PAGE 60

| TYPE | OUTER DIMENSIONS mm | SERPAC CODE (flat) | SERPAC CODE (assembled) |
|--------|---------------------|--------------------|-------------------------|
| PGV350 | 200 x 200 x 395h | 3350-GV-NT | ✗ |
| PGV351 | 345 x 205 x 310h | 3351-GV-NT | ✗ |
| PGV352 | 345 x 345 x 310h | 3352-GV-NT | ✗ |
| PGV353 | 400 x 300 x 470h | 3353-GV-NT | ✗ |
| PGV354 | 450 x 450 x 450h | 3354-GV-NT | ✗ |
| PGV355 | 600 x 400 x 450h | 3355-GV-NT | ✗ |
| PGV85 | 800 x 600 x 550h | 4GV-85S-NT | ✗ |
| PGV87 | 1200 x 800 x 770h | 3106-GV-NT | ✗ |

4GV DIE-CUT BOXES WITH VERMICULITE



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.



DIE-CUT
BOXES

SEE PAGE 56

| TYPE | OUTER DIMENSIONS mm | SERPAC CODE (flat) | SERPAC CODE (assembled) |
|-------|---------------------|--------------------|-------------------------|
| PGV80 | 150 x 150 x 305h | 4GV-80S | 4GV-80A |
| PGV81 | 200 x 200 x 380h | 4GV-81S | 4GV-81A |
| PGV86 | 340 x 340 x 340h | 4GV-86S | 4GV-86A |
| PGV82 | 400 x 300 x 390h | 4GV-82S | 4GV-82A |
| PGV83 | 400 x 400 x 395h | 4GV-83S | 4GV-83A |
| PGV84 | 600 x 400 x 480h | 4GV-84S | 4GV-84A |

Adhesive
tape

Page 66





The label of responsible forest management

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

SAFE&CLEAN 4GV BOXES

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 the best solution to **ship and work most cleanly and easily**.



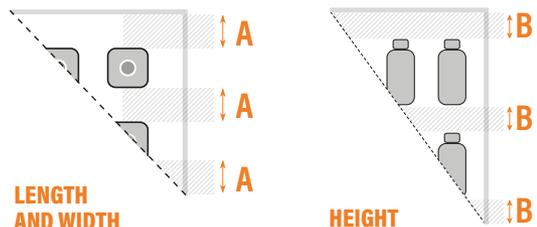
TECHNICAL FEATURES

| TYPE | SERPAC CODE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | MAX GROSS WEIGHT | | ASSORBING LITERS | MIN. DISTANCE IN LENGTH AND WIDTH [A] | MIN. DISTANCE IN HEIGHT [B] | TAPE - WIDTH - SYSTEM |
|-----------------|-------------------|---------------------|---------------------|------------------|---------|------------------|---------------------------------------|-----------------------------|-----------------------|
| | | | | INNER | PACKAGE | | | | |
| * PGV350 | 3350-GV-SC | 186 x 186 x 365h | 200 x 200 x 395h | 2,8 kg | 3,5 kg | 1 | 22 mm | 22 mm | PP - 50 mm - U |
| * PGV351 | 3351-GV-SC | 330 x 190 x 285h | 345 x 205 x 310h | 4,0 kg | 4,9 kg | 2 | 44 mm | 22 mm | PP - 50 mm - U |
| * PGV352 | 3352-GV-SC | 330 x 330 x 285h | 345 x 345 x 310h | 8,0 kg | 9,5 kg | 4 | 44 mm | 22 mm | PP - 50 mm - U |
| PGV353 | 3353-GV-SC | 380 x 280 x 440h | 400 x 300 x 470h | 7,5 kg | 9,5 kg | 10 | 44 mm | 22 mm | PP - 50 mm - U |
| PGV354 | 3354-GV-SC | 430 x 430 x 420h | 450 x 450 x 450h | 16,0 kg | 19,0 kg | 20 | 44 mm | 44 mm | RB - 50 mm - U |
| PGV355 | 3355-GV-SC | 580 x 380 x 420h | 600 x 400 x 450h | 18,5 kg | 22,5 kg | 20 | 44 mm | 44 mm | RB - 50 mm - U |

All our boxes are also available in FSC® certified version, ask us for features and price list

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 litres to be inserted must be less than or equal
- 4 The **weight of the package** must be less than or equal to the indicated one.



* **Special notices:** PGV350 only **one inner** per layer can be inserted | **PGV351 and PGV352** more inners can be inserted, but only on one layer.



**production year of the cardboard box



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, ADN6.1.2.4, IMDG 6.1.2.4, IATA 6.0.3.71.**



TRANSPORT MODALITY

Suitable for **all** transport modalities



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.**

WHY YOU SHOULD CHOOSE 4GV BOXES WITHOUT VERMICULITE

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 savings on shipping costs.

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 PGV350



Absorbing Litres 1

SERPAC CODE 3350-GV-SC (flat with Safe&Clean kit)

OUTER DIMENSIONS 200 x 200 x 395h mm

INNER DIMENSIONS 186 x 186 x 365h mm

UN CERTIFICATION 4GV/X4.3/S/** - B/SERPAC.412-190219

CONTENT Objects and inner packaging

24 units per stack on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 3,5 (X) kg | G-19.194 | PP36 - 50 mm - U |



Peso lordo kg
ottenuto sommando il peso di tutti gli imballaggi interni

MAX 2,8



Gross weight kg
package ready for shipment

MAX 3,5



↓ 22
↓ 22

Lunghezza e larghezza



↓ 22
↓ 22
↓ 22

Min distance mm
Height



Instructions of use

UN-CERTIFIED 4GV PGV351



Absorbing Litres 2

SERPAC CODE 3351-GV-SC (stesa con kit Safe&Clean)

OUTER DIMENSIONS 345 x 205 x 310h mm

INNER DIMENSIONS 330 x 190 x 285h mm

UN CERTIFICATION 4GV/X7.9/S/** B/SERPAC.412-190188

CONTENT Objects and inner packaging

10 units per stack on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 4,9 (X) kg | G-19.092 | PP36 - 50 mm - U |



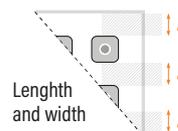
Gross weight inner(s)
obtained by adding up the weight of all internal packaging

MAX 4



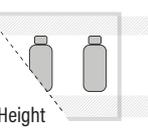
Gross weight kg
package ready for shipment

MAX 4,9



↓ 44
↓ 44
↓ 44

Length and width



↓ 22
↓ 22

Min distance mm
Height



Instructions of use

UN-CERTIFIED 4GV PGV352



Absorbing Litres 4

SERPAC CODE 3352-GV-SC (flat with Safe&Clean kit)

OUTER DIMENSIONS 345 x 345 x 310h mm

INNER DIMENSIONS 330 x 330 x 285h mm

UN CERTIFICATION 4GV/X13.2/S/** - B/SERPAC.412-190189

CONTENT Objects and inner packaging

6 units per stack on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|-----------|-----------------------|
| Any object or inner packaging | 9,5 (X) kg | G-19.093H | PP36 - 50 mm - U |



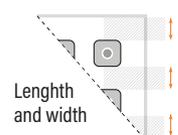
Gross weight inner(s)
obtained by adding up the weight of all internal packaging

MAX 8



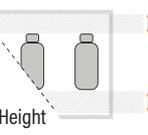
Gross weight kg
package ready for shipment

MAX 9,5



↓ 44
↓ 44
↓ 44

Length and width



↓ 22
↓ 22

Min distance mm
Height



Instructions of use



** production year of the cardboard box

UN-CERTIFIED 4GV PGV353



Absorbing Litres **10**

| | |
|-------------------------|---|
| SERPAC CODE | 3353-GV-SC (flat with Safe&Clean kit) |
| OUTER DIMENSIONS | 400 x 300 x 470h mm |
| OUTER DIMENSIONS | 380 x 280 x 440h mm |
| UN CERTIFICATION | Ⓜ 4GV/X8.7/S/** B/SERPAC.412-180287 Ⓜ 4GV/X8.7/S/** B/SERPAC.2151-180287 |
| CONTENT | Objects and inner packaging |

8 units per stack on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|--------------------------------|-----------|-----------------------|
| Any object or inner packaging | 9,5 (X) 9,5 (Y) 9,5 (Z) kg | G-19.191H | PP36 - 50 mm - U |



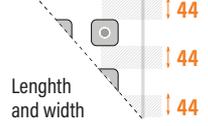
MAX **7,5**

Gross weight inner(s) obtained by adding up the weight of all internal packaging

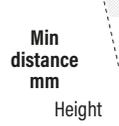


MAX **9,5**

Gross weight kg package ready for shipment



Length and width



Min distance mm
Height



Instructions of use

UN-CERTIFIED 4GV PGV354



Absorbing Litres **20**

| | |
|-------------------------|--|
| SERPAC CODE | 3354-GV-SC (flat with Safe&Clean kit) |
| OUTER DIMENSIONS | 450 x 450 x 450h mm |
| OUTER DIMENSIONS | 430 x 430 x 420h mm |
| UN CERTIFICATION | Ⓜ 4GV/X26.5/S/** - B/SERPAC.412-120057 |
| CONTENT | Objects and inner packaging |

2 units per stack on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|------------|-----------------------|
| Any object or inner packaging | 19 (X) kg | G-19.242 H | RB - 50 mm - U |



MAX **16**

Gross weight inner(s) obtained by adding up the weight of all internal packaging



MAX **19**

Gross weight kg package ready for shipment



Length and width



Min distance mm
Height



Instructions of use

UN-CERTIFIED 4GV PGV355



Absorbing Litres **20**

| | |
|-------------------------|---|
| SERPAC CODE | 3355-GV-SC (flat with Safe&Clean kit) |
| OUTER DIMENSIONS | 600 x 400 x 450h mm |
| OUTER DIMENSIONS | 580 x 380 x 420h mm |
| UN CERTIFICATION | Ⓜ 4GV/X31.4/S/** B/SERPAC.412-060026 Ⓜ 4GV/X31.4/S/** B/SERPAC.2151-060026 |
| CONTENT | Objects and inner packaging |

4 units per stack on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 22,5 (X) kg | G-19.285 | RB - 50 mm - U |



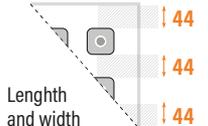
MAX **18,5**

Gross weight inner(s) obtained by adding up the weight of all internal packaging

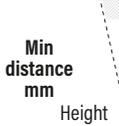


MAX **22,5**

Gross weight kg package ready for shipment



Length and width



Min distance mm
Height



Instructions of use

A CLEAN 4GV BOX TO SHIP A SINGLE BOTTLE

WITHOUT VERMICULITE

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).



The label of responsible forest management



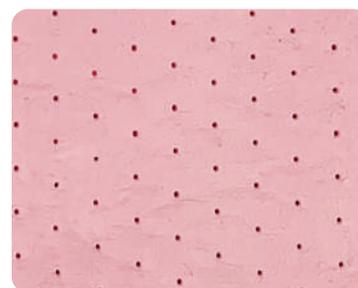
Kit with fiberboard die-cuts and absorbing pad



OBJECTS AND INNERS OF ANY TYPE

This UN-certified 4GV boxes are **suitable to ship any object or any type of inner packaging** for liquid or solid materials of packing group I, II, III. This box can contain only one inner packaging of **maximum 1.2 Liters**.

KIT WITH ABSORBING PAD





** production year of the cardboard box

SCATOLA OMOLOGATA ONU 4GV PGV81



SERPAC CODE 4GV-81K-NT (stesa con kit assorbente)

OUTER DIMENSIONS 200 x 200 x 380h mm

UN CERTIFICATION 4GV/X4/S/** B/SERPAC.412-060035

CONTENUT Objects and inner packaging

24 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | NASTRO - LARGH. - SISTEMA |
|---|------------------|----------|---------------------------|
| Any object or inner packaging | 3,10 kg | G-14.059 | Not necessary |



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment

Max capacity **MAX 1,2 L**

Max dimensions mm



Inner packaging specs



Instructions of use

Tutte le nostre scatole sono disponibili anche nella versione certificata FSC®, richiedici le caratteristiche e il listino prezzi



QUICKLY ASSEMBLED WITHOUT TAPE



TRANSPORT MODALITY

Suitable for all transport modalities.



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 6.0.3.7.1.**



Contact our experts to find the right products

CLASSIC 4GV BOXES WITH VERMICULITE



The label of responsible forest management
FSC® C184613

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 75

TECHNICAL FEATURES

| TYPE | SERPAC CODE | | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | ON PALLET 120 X 80 THERE ARE BOXES (ASSEMBLED) | MAX GROSS WEIGHT INNER | MAX GROSS WEIGHT PACKAGE | MINIMUM DISTANCE * | UN CERTIF. | ADHESIVE TAPE |
|--------------|----------------|----------------|---------------------|---------------------|--|------------------------|--------------------------|--------------------|-------------|--------------------|
| | ASSEMBL. | FLAT | | | | | | | | |
| PGV80 | 4GV-80A | 4GV-80S | 140 x 140 x 285h | 150 x 150 x 305h | 40 | 1,75 kg | 2,75 kg | 20 mm | 4GV/X2.75/S | NO |
| PGV81 | 4GV-81A | 4GV-81S | 190 x 190 x 355h | 200 x 200 x 380h | 24 | 2,4 kg | 4,0 kg | 20 mm | 4GV/X4/S | NO |
| PGV86 | 4GV-86A | 4GV-86S | 330 x 330 x 310h | 340 x 340 x 340h | 6 | 9,5 kg | 14,5 kg | 25 mm | 4GV/X14.5/S | PP - 50 mm |
| PGV82 | 4GV-82A | 4GV-82S | 390 x 290 x 360h | 400 x 300 x 390h | 8 | 8,5 kg | 14,0 kg | 20 mm | 4GV/X14/S | NO |
| PGV83 | 4GV-83A | 4GV-83S | 390 x 390 x 365h | 400 x 400 x 395h | 6 | 11,0 kg | 17,0 kg | 20 mm | 4GV/X17/S | NO |
| PGV84 | 4GV-84A | 4GV-84S | 590 x 390 x 440h | 600 x 400 x 480h | 4 | 20,0 kg | 33,0 kg | 40 mm | 4GV/X36/S | PP - 50 mm |
| PGV84 | 4GV-84A | 4GV-84S | 590 x 390 x 440h | 600 x 400 x 480h | 4 | 22,0 kg | 36,0 kg | 40 mm | 4GV/X36/S | Two-way reinforced |

* In the "minimum distance" column, the value refers to the minimum distance between containers and/or bottom/cover walls (in each direction).

All our boxes are also available in FSC® certified version, ask us for features and price list



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**.



BOXES SUPPLY



FLAT
(with 2 PE bag)

ASSEMBLED
(with Vermiculite + 1 PE bag)

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



TRANSPORT MODALITY

Suitable for **all** transport modalities.



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 6.0.3.71.**

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.

UN-CERTIFIED 4GV PGV80

| | | | |
|---|---------------------------|--|--|
|  | CODICE SERPAC | 4GV-80A (supplied assembled with 1 PE bag) 4GV-80S (supplied flat with 2 PE bags) |  40 units per stack on pallet 1200 x 800 mm |
| | DIMENSIONI ESTERNE | 150 x 150 x 305h mm | |
| | DIMENSIONI INTERNE | 140 x 140 x 285h mm | |
| | MARCHIO ONU | Ⓜ 4GV/X2.75/S/** - B/SERPAC.412-090136 | |
| | CONTENUTO | Objects and inner packaging | |

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 2,75 (X) kg | G-09.127 | Not necessary |

| | | | |
|---|--|---|---|
|  Gross weight inner(s) obtained by adding up the weight of all internal packaging MAX 1,75 |  Gross weight kg package ready for shipment MAX 2,75 |  Minimum distance of vermiculite between container, walls, bottom and top (in ogni direzione) |  Completely fill a box with about 1/19 sack of vermiculite |
|---|--|---|---|

UN-CERTIFIED 4GV PGV81

| | | | |
|--|---------------------------|--|---|
|  | CODICE SERPAC | 4GV-81A (supplied assembled with 1 PE bag) 4GV-81S (supplied flat with 2 PE bags) |  24 units per stack on pallet 1200 x 800 mm |
| | DIMENSIONI ESTERNE | 200 x 200 x 380h mm | |
| | DIMENSIONI INTERNE | 190 x 190 x 355h mm | |
| | MARCHIO ONU | Ⓜ 4GV/X4/S/** - B/SERPAC.412-060035 | |
| | CONTENUTO | Objects and inner packaging | |

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 4 (X) kg | G-06.021 | Not necessary |

| | | | |
|--|---|---|--|
|  Gross weight inner(s) obtained by adding up the weight of all internal packaging MAX 2,4 |  Gross weight kg package ready for shipment MAX 4 |  Minimum distance of vermiculite between container, walls, bottom and top (in ogni direzione) |  Completely fill a box with about 1/9 sack of vermiculite |
|--|---|---|--|

UN-CERTIFIED 4GV PGV86

| | | | |
|---|---------------------------|--|---|
|  | CODICE SERPAC | 4GV-86A (supplied assembled with 1 PE bag) 4GV-86S (supplied flat with 2 PE bags) |  6 units per stack on pallet 1200 x 800 mm |
| | DIMENSIONI ESTERNE | 340 x 340 x 340h mm | |
| | DIMENSIONI INTERNE | 330 x 330 x 310h mm | |
| | MARCHIO ONU | Ⓜ 4GV/X14.5/S/** - B/SERPAC.412-130035 | |
| | CONTENUTO | Objects and inner packaging | |

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 14,5 (X) kg | G-12.232 | PP36 - 50 mm |

| | | | |
|--|--|---|--|
|  Gross weight inner(s) obtained by adding up the weight of all internal packaging MAX 9,5 |  Gross weight kg package ready for shipment MAX 14,5 |  Minimum distance of vermiculite between container, walls, bottom and top (in ogni direzione) |  Completely fill a box with about 1/3 sack of vermiculite |
|--|--|---|--|



** production year of the cardboard box

UN-CERTIFIED 4GV PGV82



CODICE SERPAC 4GV-82A (supplied assembled with 1 PE bag)
4GV-82S (supplied flat with 2 PE bags)

DIMENSIONI ESTERNE 400 x 300 x 390h mm

DIMENSIONI INTERNE 390 x 290 x 360h mm

MARCHIO ONU 4GV/X14/S/** - B/SERPAC.412-060036

CONTENUTO Objects and inner packaging

8 units per stack
on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 14 (X) kg | G-06.022 | Not necessary |



Gross weight inner(s)
obtained by adding up
the weight of all internal
packaging

MAX 8,5



Gross weight kg
package ready
for shipment

MAX 14



Minimum distance
of vermiculite
between container,
walls, bottom and top

20 mm
(in ogni direzione)



Completely fill
a box with
about 2/5 sack
of vermiculite

UN-CERTIFIED 4GV PGV83



CODICE SERPAC 4GV-83A (supplied assembled with 1 PE bag)
4GV-83S (supplied flat with 2 PE bags)

DIMENSIONI ESTERNE 400 x 400 x 395h mm

DIMENSIONI INTERNE 390 x 390 x 365h mm

MARCHIO ONU 4GV/X17/S/** - B/SERPAC.412-060034

CONTENUTO Objects and inner packaging

6 units per stack
on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 17 (X) kg | G-06.020 | Not necessary |



Gross weight inner(s)
obtained by adding up
the weight of all internal
packaging

MAX 11



Gross weight kg
package ready
for shipment

MAX 17



Minimum distance
of vermiculite
between container,
walls, bottom and top

20 mm
(in ogni direzione)



Completely fill
a box with
about 1/2 sack
of vermiculite

UN-CERTIFIED 4GV PGV84



CODICE SERPAC 4GV-84A (supplied assembled with 1 PE bag)
4GV-84S (supplied flat with 2 PE bags)

DIMENSIONI ESTERNE 600 x 400 x 480h mm

DIMENSIONI INTERNE 590 x 390 x 440h mm

MARCHIO ONU 4GV/X36/S/** - B/SERPAC.412-060063

CONTENUTO Objects and inner packaging

4 units per stack
on pallet 1200 x 800 mm




| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 33 (X) kg | G-06.040 | PP36, 50 mm |
| Any object or inner packaging | 36 (X) kg | G-09.311 | RB, 50 mm |



Gross weight inner(s)
obtained by adding up
the weight of all internal
packaging

MAX 20 MAX 22



Gross weight kg
package ready
for shipment

MAX 33 MAX 36



Minimum distance
of vermiculite
between container,
walls, bottom and top

40 mm
(in ogni direzione)



Completely fill
a box with
about 1 sack
of vermiculite

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**.



The label of responsible forest management



TIPS TO CHOOSE THE RIGHT 4GV PACKAGING

See page pag. 74

TECHNICAL FEATURES

| TYPE | SERPAC CODE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | MAX GROSS WEIGHT INNER | MAX GROSS WEIGHT PACKAGE | MINIMUM DISTANCE * mm | UN CERTIFICATION | ADHESIVE TAPE | QUANTITY PER PACK N° |
|--------|-------------|---------------------|---------------------|------------------------|--------------------------|-----------------------|------------------|----------------|----------------------|
| PGV350 | 3350-GV-NT | 186 x 186 x 365h | 200 x 200 x 395h | 2,8 kg | 4,3 kg | 33 | 4GV/X4.3/S | PP 50 mm - U | 30 |
| PGV351 | 3351-GV-NT | 330 x 190 x 285h | 345 x 205 x 310h | 4,0 kg | 7,9 kg | 45 | 4GV/X7.9/S | PP 50 mm - U | 20 |
| PGV352 | 3352-GV-NT | 330 x 330 x 285h | 345 x 345 x 310h | 10,0 kg | 13,2 kg | 25 | 4GV/X13.2/S | PP 50 mm - U | 17 |
| PGV353 | 3353-GV-NT | 380 x 280 x 440h | 400 x 300 x 470h | 13,5 kg | 18,7 kg | 41 | 4GV/X18.7/S | RB 50 mm - U | 14 |
| PGV354 | 3354-GV-NT | 430 x 430 x 420h | 450 x 450 x 450h | 17,5 kg | 26,5 kg | 50 | 4GV/X26.5/S | RB 50 mm - U | 16 |
| PGV355 | 3355-GV-NT | 580 x 380 x 420h | 600 x 400 x 450h | 20,6 kg | 31,4 kg | 55 | 4GV/X31.4/S | RB 50 mm - U | 10 |
| PGV85 | 4GV-85S-NT | 775 x 575 x 502h | 800 x 600 x 550h | 45,0 kg | 78,0 kg | 60 | 4GV/X78/S | RB 50 mm - U | 9 |
| PGV87 | 3106-GV-NT | 1170 x 770 x 720h | 1200 x 800 x 770h | 122,0 kg | 191,0 kg | 90 | 4GV/X191/S | RB 50 mm - HRE | 3 |

* In the "minimum distance" column, the value refers to the minimum distance between containers and/or bottom/cover walls (in each direction).

All our boxes are also available in FSC® certified version, ask us for features and price list



** production year of the cardboard box



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.**



BORSESTRAFFLLE SCATOLE



PACKED FLAT

FLAT ON PALLETS



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

TRANSPORT MODALITY

Suitable for **all** transport modalities.



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 6.0.3.71.**

AMERICAN BOXES

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

UN-CERTIFIED 4GV PGV350



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 3350-GV-NT (supplied without bag) |
| OUTER DIMENSIONS | 200 x 200 x 395h mm |
| INNER DIMENSIONS | 186 x 186 x 365h mm |
| UN CERTIFICATION | 4GV/X4.3/S/** - B/SERPAC.412-190219 |
| CONTENT | Objects and inner packaging |

24 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 4,3 (X) kg | G-19.194 | PP36 - 50 mm - U |



Gross weight inner(s) obtained by adding up the weight of all internal packaging
MAX 2,8



Gross weight kg package ready for shipment
MAX 4,3



33 mm
(in ogni direzione)

Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about 1/8 sack of vermiculite

UN-CERTIFIED 4GV PGV351



| | |
|-------------------------|-------------------------------------|
| SERPAC CODE | 3351-GV-NT (supplied without bag) |
| OUTER DIMENSIONS | 345 x 205 x 310h mm |
| INNER DIMENSIONS | 330 x 190 x 285h mm |
| UN CERTIFICATION | 4GV/X7.9/S/** - B/SERPAC.412-190188 |
| CONTENT | Objects and inner packaging |

10 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 7,9 (X) kg | G-19.092 | PP36 - 50 mm - U |



Gross weight inner(s) obtained by adding up the weight of all internal packaging
MAX 4



Gross weight kg package ready for shipment
MAX 7,9



45 mm
(in ogni direzione)

Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about 1/5 sack of vermiculite

UN-CERTIFIED 4GV PGV352



| | |
|-------------------------|--------------------------------------|
| SERPAC CODE | 3352-GV-NT (supplied without bag) |
| OUTER DIMENSIONS | 345 x 345 x 310h mm |
| INNER DIMENSIONS | 330 x 330 x 285h mm |
| UN CERTIFICATION | 4GV/X13.2/S/** - B/SERPAC.412-190189 |
| CONTENT | Objects and inner packaging |

6 units per stack on pallet 1200 x 800 mm









✓
✓
✓
✓
✓

| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|-----------|-----------------------|
| Any object or inner packaging | 13,2 (X) kg | G-19.093H | PP36 - 50 mm - U |



Gross weight inner(s) obtained by adding up the weight of all internal packaging
MAX 10



Gross weight kg package ready for shipment
MAX 13,2



25 mm
(in ogni direzione)

Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about 1/3 sack of vermiculite



** production year of the cardboard box

UN-CERTIFIED 4GV PGV353



| | |
|-------------------------|---|
| SERPAC CODE | 3353-GV-NT (supplied without bag) |
| OUTER DIMENSIONS | 400 x 300 x 470h mm |
| INNER DIMENSIONS | 380 x 280 x 440h mm |
| UN CERTIFICATION | Ⓜ 4GV/X18.7/S/** - B/SERPAC.412-180287 Ⓜ 4GV/X18.7/S/** - B/SERPAC.2151-180287 |
| CONTENT | Objects and inner packaging |

8 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|-----------------------------------|-----------|-----------------------|
| Any object or inner packaging | 18,7 (X) 18,7 (Y) 18,7 (Z) kg | G-19.191H | RB - 50 mm - U |



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment



Minimum distance of vermiculite between container, walls, bottom and top
(in ogni direzione)



Completely fill a box with about 1/2 sack of vermiculite

UN-CERTIFIED 4GV PGV354



| | |
|-------------------------|--|
| SERPAC CODE | 3354-GV-NT (supplied without bag) |
| OUTER DIMENSIONS | 450 x 450 x 450h mm |
| INNER DIMENSIONS | 430 x 430 x 420h mm |
| UN CERTIFICATION | Ⓜ 4GV/X26.5/S/** - B/SERPAC.412-120057 |
| CONTENT | Objects and inner packaging |

2 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|-----------|-----------------------|
| Any object or inner packaging | 26,5 (X) kg | G-19.242H | RB - 50 mm - U |



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment



Minimum distance of vermiculite between container, walls, bottom and top
(in ogni direzione)



Completely fill a box with about 1 sack of vermiculite

UN-CERTIFIED 4GV PGV355



| | |
|-------------------------|---|
| SERPAC CODE | 3355-GV-NT (supplied without bag) |
| OUTER DIMENSIONS | 600 x 400 x 450h mm |
| INNER DIMENSIONS | 580 x 380 x 420h mm |
| UN CERTIFICATION | Ⓜ 4GV/X31.4/S/** - B/SERPAC.412-060026 Ⓜ 4GV/X31.4/S/** - B/SERPAC.2151-060026 |
| CONTENT | Objects and inner packaging |

4 units per stack on pallet 1200 x 800 mm



| INNER PACKAGING IT HAS BEEN TESTED WITH | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM |
|---|------------------|----------|-----------------------|
| Any object or inner packaging | 31,4 (X) kg | G-19.285 | RB - 50 mm - U |



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment



Minimum distance of vermiculite between container, walls, bottom and top
(in ogni direzione)



Completely fill a box with about 1 sack of vermiculite



UN-CERTIFIED 4GV PGV85

| | | | | | |
|--|---------------------------|--|---|------------------------------|--|
| | CODICE SERPAC | 4GV-85S-NT (fornita stesa con 1 sacco in PE) | 2 units per stack on pallet 1200 x 800 mm | | |
| | DIMENSIONI ESTERNE | 800 x 600 x 550h mm | | | |
| | DIMENSIONI INTERNE | 775 x 575 x 502h mm | | | |
| | MARCHIO ONU | Ⓜ 4GV/X78/S/** - B/SERPAC.412-060146 | | | |
| | CONTENUTO | Objects and inner packaging | | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM | |
| Any object or inner packaging | | 78 (X) kg | G-08.128 | RB - 50 mm - U | |



Gross weight inner(s) obtained by adding up the weight of all internal packaging

MAX 45



Gross weight kg package ready for shipment

MAX 78



Minimum distance of vermiculite between container, walls, bottom and top (in ogni direzione)



Completely fill a box with about 2 sack of vermiculite

UN-CERTIFIED 4GV PGV87

| | | | | | |
|--|---------------------------|---------------------------------------|---|------------------------------|--|
| | CODICE SERPAC | 3106-GV-NT (supplied without bag) | 1 units per stack on pallet 1200 x 800 mm | | |
| | DIMENSIONI ESTERNE | 1200 x 800 x 770h mm | | | |
| | DIMENSIONI INTERNE | 1170 x 770 x 720h mm | | | |
| | MARCHIO ONU | Ⓜ 4GV/X191/S/** - B/SERPAC.412-060033 | | | |
| | CONTENUTO | Objects and inner packaging | | | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT | TAPE - WIDTH - SYSTEM | |
| Any object or inner packaging | | 191 (X) kg | G-18.272 | RB - 50 mm - HRE | |



Gross weight inner(s) obtained by adding up the weight of all internal packaging

MAX 122



Gross weight kg package ready for shipment

MAX 191



Minimum distance of vermiculite between container, walls, bottom and top (in ogni direzione)



Completely fill a box with about 6 sack of vermiculite



**production year of the cardboard box

SIX STEPS TO CHOOSE 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 polyethylene 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.



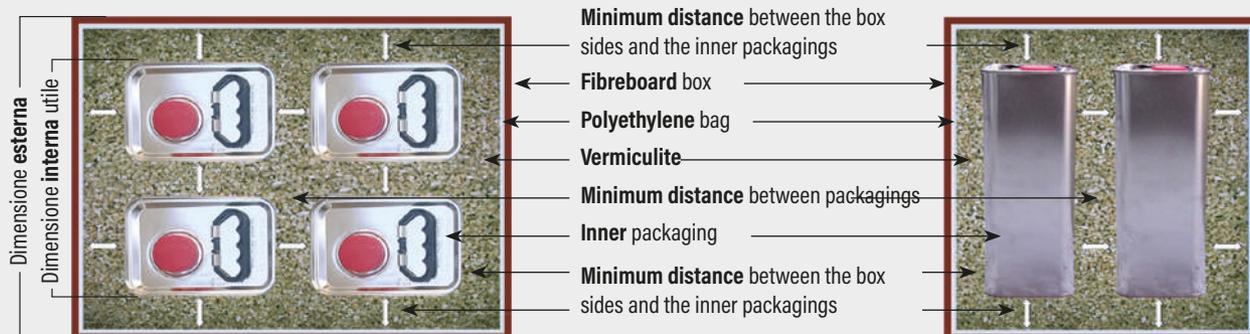
4 Insert the absorbent and cushioning material (Vermiculite) up to the top of the box, as to completely fill the polyethylene bag.



5 Close the polyethylene bag.



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



VERMICULITE ASBESTOS-FREE CERTIFIED



Vermiculite: inert absorbent material of mineral origin that is incombustible and rot-resistant. Vermiculite is free of impurities, sterile, chemically inert, insoluble in water and organic solvents. It does not contain asbestos.

- Non-hazardous for transportation use
- 100 liter / 10 kg PE bags
- Does not contain asbestos
- Suitable in combination with UN 4GV boxes and UN 4DV boxes
- Lightweight and bulky, absorbs any spills

Minimum order 6 rolls

For more quantities please contact us

| SERPAC CODE | VOLUME / WEIGHT | BAG MATERIAL | BAG DIMENSIONS cm | PRICE EURO / EACH | | | |
|--------------|----------------------------|--------------|-------------------|----------------------|---|---|---|
| | | | | 2 | 4 | 6 | 8 |
| VER-6100-MED | 0,1 m ³ / 10 kg | PE | 50 x 23 x 95h | Richiedici il prezzo | | | |

TAPES FOR UN 4G AND 4GV CERTIFIED BOXES



To be used with Serpac UN-certified boxes.

- High adhesion to cardboard
- Good resistance to temperature changes
- Silent rolling

| SERPAC CODE | TAPE DIMENSIONS | TAPE TYPE | PIECES PER PACKAGE | EURO PRICE PER ROLL | | | |
|-------------|-----------------|----------------|--------------------|---------------------|---------------|---------------|----------------|
| | | | | up to 6 pcs. | up to 36 pcs. | up to 72 pcs. | up to 108 pcs. |
| 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 |
| | | | | fino a 6 pz. | fino a 24 pz. | fino a 48 pz. | fino a 72 pz. |
| T75A-102-PP | 75 mm x 66 m | PP Avana | 24 | 3,27 | 2,62 | 2,43 | 2,38 |
| | | | | fino a 6 pz. | fino a 18 pz. | fino a 36 pz. | fino a 54 pz. |
| T50T-201-RB | 50 mm x 50 m | Bidirezionale | 18 | 6,01 | 5,41 | 5,10 | 4,79 |

Ordine minimo 6 rotoli
Per quantitativi maggiori contattaci

POLYETHYLENE BAGS FOR UN-CERTIFIED



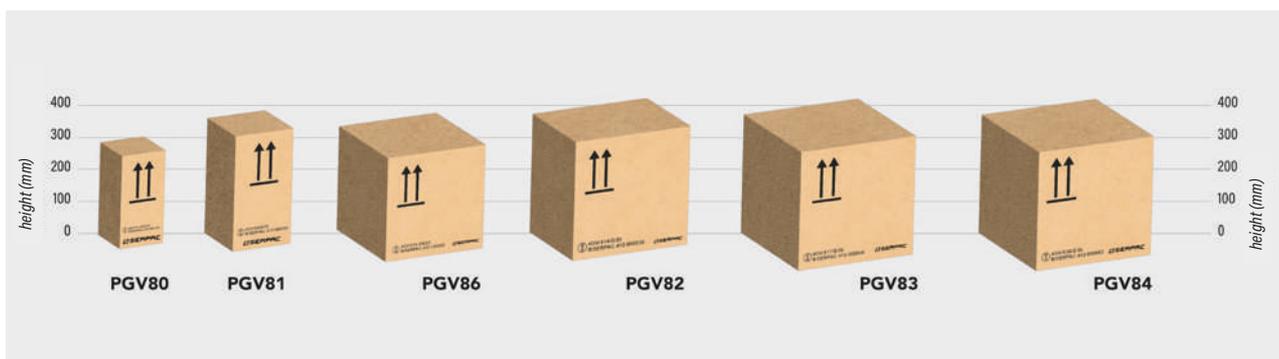
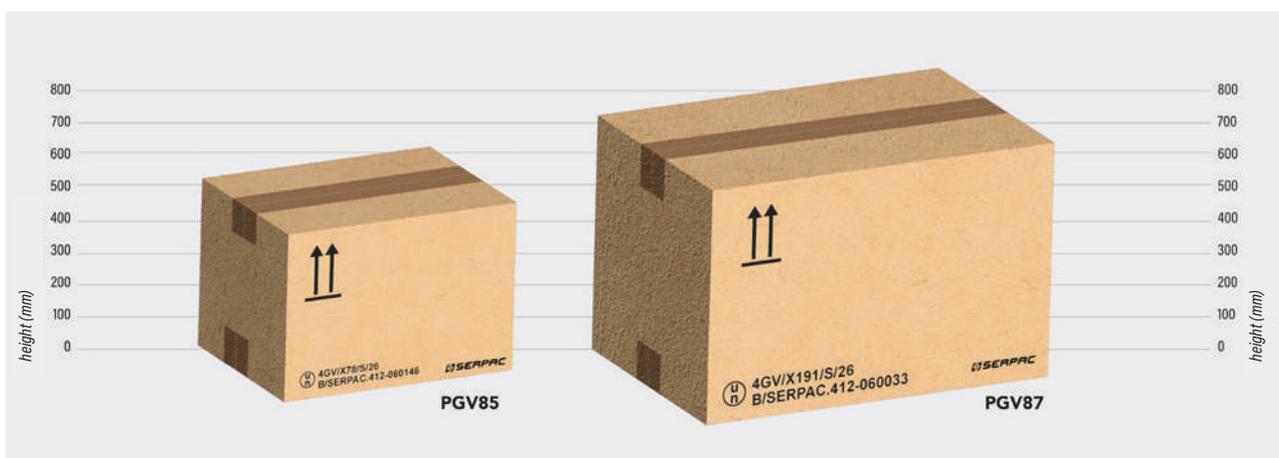
- Different dimensions available
- Made of polyethylene
- Thickness from 50 µm

| SERPAC CODE | DIMENSIONS mm | THICKNESS µm | PIECES PER PACKAGE | PRICE EURO PER BAG | | | |
|-------------|--------------------------|--------------|--------------------|--------------------|--------|--------|--------|
| | | | | 1 pack | 2 pack | 3 pack | 4 pack |
| SAC-2201-NT | 400 x 700h | 50 | 100 | 0,50 | 0,42 | 0,38 | 0,34 |
| SAC-2202-NT | 800 x 900h | 50 | 50 | 1,05 | 0,88 | | 0,74 |
| SAC-2203-NT | 600 + 200 + 200 x 1300h | 50 | 50 | 1,46 | 1,28 | | 1,03 |
| SAC-2204-NT | 1500 x 1450h | 50 | 20 | 3,09 | 2,72 | | 2,42 |
| SAC-2205-NT | 1300 + 450 + 450 x 2000h | 150 | 10 | 10,18 | 8,78 | 8,09 | 7,39 |
| SAC-2206-NT | 500 + 220 + 220 x 1400h | 100 | 10 | 4,06 | 3,42 | 3,10 | 2,71 |

For more quantities please contact us



ALWAYS CHECK THE *TECHNICAL DATA SHEET* FOR THE DIMENSIONS AND CHARACTERISTICS OF THE BOX YOU HAVE CHOSEN



**FOR EVERY
PACKAGING
THE RIGHT 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 |

UN-CERTIFIED 4D AND 4DV BOXES

WITHOUT STRAPS, EASY AND QUICK TO CLOSE

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**.

**DOUBLE
CERTIFIED
AS 4D AND 4DV**



TECHNICAL FEATURES

| TYPE | INNER DIMENSIONS mm | OUTER DIMENSIONS mm | BOX WEIGHT (tare) | A 120X80 PALLET FITS ASSEMBLED BOXES N° | MAX GROSS WEIGHT INNERS* | MAX GROSS WEIGHT PACKAGE READY FOR SHIPMENT | MIN DISTANCE RECEPTACLES AND/OR WALLS/ BOTTOM/LID | UN CERTIFIED 4D | UN CERTIFIED 4DV |
|----------|---------------------|---------------------|-------------------|---|--------------------------|---|---|-----------------|------------------|
| D-Box-10 | 400 x 300 x 260h | 420 x 320 x 323h | 4,32 kg | 8 | 9,6 kg | 18,2 kg | 46 mm | 4D/X278/S | 4DV/X18.2/S |
| D-Box-20 | 580 x 380 x 380h | 600 x 400 x 443h | 8,0 kg | N/A | 22,8 kg | 40,3 kg | 63 mm | 4D/X63.1/S | 4DV/X40.3/S |
| D-Box-30 | 780 x 580 x 380h | 800 x 600 x 490h | 13,72 kg | N/A | 30,6 kg | 68,4 kg | 79 mm | 4D/X99/S | 4DV/X68.4/S |
| D-Box-40 | 780 x 580 x 580h | 800 x 600 x 690h | 16,2 kg | N/A | 61,2 kg | 104,8 kg | 79 mm | 4D/X166/S | 4DV/X104.8/S |
| D-Box-50 | 1180 x 780 x 580h | 1200 x 800 x 720h | 33,0 kg | N/A | 89,2 kg | 190,7 kg | 90 mm | 4D/X280/S | 4DV/X190.7/S |
| D-Box-60 | 1180 x 780 x 780h | 1200 x 800 x 920h | 35,1 kg | N/A | 122,4 kg | 229,6 kg | 108 mm | 4D/X352/S | 4DV/X229.6/S |

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

You can request the details and price list at +39 (0) 2 218 71 585 / +39 (0) 2 455 06 456 - sales@serpac.it



WITHOUT STRAPS

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 transport modalities.



VERMICULITE

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



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.**

BOXES SUPPLY



FLAT, COMPLIANT WITH ISPM 15 NORM.



ALWAYS CHECK THE TECHNICAL DATA SHEET FOR THE DIMENSIONS AND CHARACTERISTICS OF THE BOX YOU HAVE CHOSEN



UN-CERTIFIED 4D BOX 4D/4DV **D-BOX-10**



| | | |
|-------------------------|---|------------------|
| SERPAC CODE | D-Box-10 (supplied flat) | ADR ✓ |
| OUTER DIMENSIONS | 420 x 320 x 323h mm | RID ✓ |
| INNER DIMENSIONS | 400 x 300 x 260h mm | ADN ✓ |
| UN CERTIFICATION | ④ 4D/X27.8/S/** - B/SERPAC.1160-190056 ④ 4DV/X18.2/S/** - B/SERPAC.1160-190056 | IMDG ✓ IATA ✓ |
| CONTENT | Liquids or solids (4D) Objects and inner packaging (4DV) | |

| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT |
|---|---------------------------------|------------------|----------|
| 4D | N° 6 glass bottles 0,500 L each | 27,8 (X) kg | G-19.045 |
| 4D | Solid products in a plastic bag | 27,8 (X) kg | G-19.045 |
| 4DV | Objects and inners of any kind | 18,2 (X) kg | G-19.045 |

GUIDELINES FOR THE UN-CERTIFIED 4DV VERSION



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment



Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about 1/3 sack of vermiculite



** production year of the cardboard box

CASES WITH DOUBLE CERTIFICATION 4D / 4DV WITHOUT STRAPS



UN-CERTIFIED 4D BOX 4D/4DV D-BOX-20

|  | SERPAC CODE | D-Box-20 (supplied flat) |  ADR ✓  RID ✓  ADN ✓  IMDG ✓  IATA ✓ |
|---|---|---|---|
| | OUTER DIMENSIONS | 600 x 400 x 443h mm | |
| | INNER DIMENSIONS | 580 x 380 x 380h mm | |
| | UN CERTIFICATION | Ⓜ 4D/X63.1/S/** - B/SERPAC.1160-190060 Ⓜ 4DV/X40.3/S/** - B/SERPAC.1160-190060 | |
| | CONTENT | Liquids or solids (4D) Objects and inner packaging (4DV) | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT |
| 4D | N° 3 bottiglie in vetro da 1,000 L e 2,500 L cad. | 63,1 (X) kg | G-19.046H |
| 4D | Prodotti Solids in sacchi in PE in un sacco in PE | 63,1 (X) kg | G-19.046H |
| 4DV | Any object or inner packaging | 40,3 (X) kg | G-19.046H |

GUIDELINES FOR THE UN-CERTIFIED 4DV VERSION



Gross weight inner(s) obtained by adding up the weight of all internal packaging
MAX 22,8



Gross weight kg package ready for shipment
MAX 40,3



Minimum distance of vermiculite between container, walls, bottom and top
63 mm
(in ogni direzione)



Completely fill a box with about 1 sack of vermiculite

UN-CERTIFIED 4D BOX 4D/4DV D-BOX-30

|  | SERPAC CODE | D-Box-30 (supplied flat) |  ADR ✓  RID ✓  ADN ✓  IMDG ✓  IATA ✓ |
|---|---------------------------------------|---|---|
| | OUTER DIMENSIONS | 800 x 600 x 490h mm | |
| | INNER DIMENSIONS | 780 x 580 x 380h mm | |
| | UN CERTIFICATION | Ⓜ 4D/X99/S/** - B/SERPAC.1160-190067 Ⓜ 4DV/X68.4/S/** - B/SERPAC.1160-190067 | |
| | CONTENT | Liquids or solids (4D) Objects and inner packaging (4DV) | |
| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT |
| 4D | N° 12 glass bottles 1,000 L each | 99,0 (X) kg | G-19.047H |
| 4D | Solid products in PE bags in a PE bag | 99,0 (X) kg | G-19.047H |
| 4DV | Objects and inners of any kind | 68,4 (X) kg | G-19.047H |

GUIDELINES FOR THE UN-CERTIFIED 4DV VERSION



Gross weight inner(s) obtained by adding up the weight of all internal packaging
MAX 30,6



Gross weight kg package ready for shipment
MAX 68,4



Minimum distance of vermiculite between container, walls, bottom and top
79 mm
(in ogni direzione)



Completely fill a box with about 2 sacks of vermiculite

UN-CERTIFIED 4D AND 4DV BOXES

** production year of the cardboard box

UN-CERTIFIED 4D BOX 4D/4DV **D-BOX-40**



| | |
|-------------------------|---|
| SERPAC CODE | D-Box-40 (supplied flat) |
| OUTER DIMENSIONS | 800 x 600 x 690h mm |
| INNER DIMENSIONS | 780 x 580 x 580h mm |
| UN CERTIFICATION | Ⓜ 4D/X166/S/** - B/SERPAC.1160-190068 Ⓜ 4DV/X104.8/S/** - B/SERPAC.1160-190068 |
| CONTENT | Liquids or solids (4D) Objects and inner packaging (4DV) |



| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT |
|---|---------------------------------------|--------------------------|-----------|
| 4D | N° 24 glass bottles 1,000 L each | 166,0 (X) kg | G-19.048H |
| 4D | Solid products in PE bags in a PE bag | 166,0 (X) kg | G-19.048H |
| 4D | Solid products in PE bags in a PE bag | 215,0 (Y) 215,0 (Z) kg | G-19.048H |
| 4DV | Objects and inners of any kind | 104,8 (X) kg | G-19.048H |

GUIDELINES FOR THE UN-CERTIFIED 4DV VERSION



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment



(in ogni direzione)

Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about **3** sacks of vermiculite

UN-CERTIFIED 4D BOX 4D/4DV **D-BOX-50**



| | |
|-------------------------|---|
| SERPAC CODE | D-Box-50 (supplied flat) |
| OUTER DIMENSIONS | 1200 x 800 x 720h mm |
| INNER DIMENSIONS | 1180 x 780 x 580h mm |
| UN CERTIFICATION | Ⓜ 4D/X280/S/** - B/SERPAC.1160-190069 Ⓜ 4DV/X190.7/S/** - B/SERPAC.1160-190069 |
| CONTENT | Liquids or solids (4D) Objects and inner packaging (4DV) |



| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT |
|---|---|------------------|-----------|
| 4D | N° 35 bottiglie in vetro da 1,000 L cad. | 280,0 (X) kg | G-19.049H |
| 4D | Prodotti Solids in sacchi in PE in un sacco in PE | 280,0 (X) kg | G-19.049H |
| 4DV | Any object or inner packaging | 190,7 (Z) kg | G-19.049H |

GUIDELINES FOR THE UN-CERTIFIED 4DV VERSION



Gross weight inner(s) obtained by adding up the weight of all internal packaging



Gross weight kg package ready for shipment



(in ogni direzione)

Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about **6** sacks of vermiculite



** production year of the cardboard box



UN-CERTIFIED 4D BOX 4D/4DV **D-BOX-60**



| | | |
|-------------------------|--|--------|
| SERPAC CODE | D-Box-60 (supplied flat) | ADR ✓ |
| OUTER DIMENSIONS | 1200 x 800 x 920h mm | RID ✓ |
| INNER DIMENSIONS | 1180 x 780 x 780h mm | ADN ✓ |
| UN CERTIFICATION | 4D/X352/S/** - B/SERPAC.1160-190064 | IMDG ✓ |
| | 4DV/X229.6/S/** - B/SERPAC.1160-190064 | IATA ✓ |
| CONTENT | Liquids or solids (4D) | |
| | Objects and inner packaging (4DV) | |

| INNER PACKAGING IT HAS BEEN TESTED WITH | | MAX GROSS WEIGHT | REPORT |
|---|---------------------------------------|------------------|-----------|
| 4D | N° 48 glass bottles 1,000 L each | 352,0 (X) kg | G-19.050H |
| 4D | Solid products in PE bags in a PE bag | 352,0 (Y) kg | G-19.050H |
| 4D | Solid products in PE bags in a PE bag | 285,1 (Z) kg | G-19.050H |
| 4DV | Objects and inners of any kind | 229,6 (X) kg | G-19.050H |

GUIDELINES FOR THE UN-CERTIFIED 4DV VERSION



Gross weight inner(s) obtained by adding up the weight of all internal packaging

MAX
122,8



Gross weight kg package ready for shipment

MAX
229,6



Minimum distance of vermiculite between container, walls, bottom and top



Completely fill a box with about 8 sacks of vermiculite

4G BOX UN CERTIFICATION PROCESS

1 INNER PACKAGING



JERRICANS NET WEIGHT kg 24,8

Tare of 4 jerricans gr 200 each
Packing group II liquid
Liters 5 net - specific weight 1.2 kg/L
Gross jerrican weight kg 6.2 each.

REF.: TECHNICAL DATA SHEET PL100

Producer: Plastica ABC - Milano
Ref. article: 5 litres jerrican - gr 200 weight - HDPE
Size: 190 x 160 x 250 mm (± 2%)
Capacity to top level: litres 5,6 (± 3%)
Closure: screw cap in PEHD w/gasket. Expanded polyethylene.

The internal packaging do not require the certification markings: ADR/RID/ADN/IMDG 4.1.1.3, IATA 6.0.4.0.4.

2 OUTER PACKAGING

TARE OF EMPTY B kg 1,2



REF.: TECHNICAL DATA SHEET FB200

Producer: Serpac srl - Segrate (MI)
Fiberboard box: Fefco 201 glued
Internal size: 355 x 355 x 275 mm
Type of fiberboard: KSKSK 46464 BC
Closure: U system

3 COMBINED PACKAGING

COMBINED PACKAGING (before test)

| | |
|-------------------------------|-----------------|
| Tare 4 jerricans | 0,80 kg + |
| Liquid net weight 4 jerricans | 24,00 kg + |
| Tare weight box | 1,20 kg = |
| Gross weight | 26,00 kg |



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



Laboratory



Cobb 30'



Stacking test 3m x 24h

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



Drop test

(In this example from 1.2 m, P.G. II)

The height of the 5 drop tests is determined by the packing group (P.G.) of the hazardous material or substance.

| P.G. I | P.G. II | P.G. 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:

- The **transport modality** (ADR, RID, ADN, IMDG, ICAO-TI/IATA) the UN certification is valid for.
- The **type of inner** (in this example 4 jerricans Code PL 100) the Certification is valid for.
- 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).
- Maximum **gross mass** in kg.

8 UN-CERTIFIED 4G FIBREBOARD BOX



valid only by combining the specific inner it has been tested with

9 PRODUCTION CONTROL TESTS

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:
- Same **type of inner** (in this example 4 jerricans code PL 100).
 - Same **layout**.
 - Same **closure**.

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



4GV BOX UN CERTIFICATION PROCESS

1 INNER PACKAGING

TOTAL WEIGHT OF BOTTLES GLASS kg 40

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



TARE OF EMPTY BOX kg 2,16

WEIGHT OF VERMICULITE kg 10,84

REF.: TECHNICAL DATA SHEET FBV400

Producer: Serpac srl – Segrate (MI)

Fiberboard box: Fustellata

Internal size: 590 x 390 x 440 mm

Type of fiberboard: KSNKSNK 56364 BC

Closure: U system

3 COMBINED PACKAGING

COMBINED PACKAGING (before test)

Gross bottle weight 40,00 kg +

Tare of box 2,16 kg +

Weight of vermiculite 10,84 kg =

Gross weight 53,00 kg



Minimo 40 mm di Vermiculite tra imballaggi interni e/o pareti, fondo e coperchio.

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



Laboratory



Cobb 30'



Stacking test 3m x 24h

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



Drop test

5 drop tests from the height provided for the packing group I (P.G.)

P.G. 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:

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

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 TESTS

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).

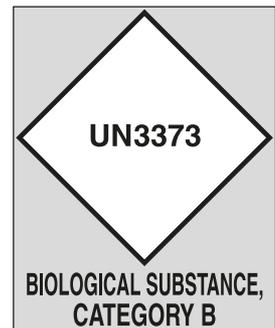
10 4GV SUMMARY

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:

- The **minimum distance of vermiculite** between inner packaging and/or walls, bottom, and lid.
- 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.)

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).



PLASTIC JARS CERTIFIED 95 kPa 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 LITRES | PRICE EURO / EACH | | | |
|-------------|---------------------|---------------------|-----------------|-------------------|----|-----|-----|
| | | | | 25 | 50 | 100 | 200 |
| BIO-0500-SB | ø 85 x 197h | ø 60 x 182h | 0,500 | Price on demand | | | |
| BIO-1000-SB | ø 125 x 160h | ø 100 x 149h | 0,950 | Price on demand | | | |

BAGS CERTIFIED 95 kPa 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 | 175 x 275h | 150 x 180h | 50 | Price on demand | | | |
| BIO-211-SB | 310 x 385h | 230 x 270h | 50 | Price on demand | | | |
| BIO-212-SB | 330 x 457h | 305 x 387h | 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).

**READY
TO SHIP!**



The label of responsible forest management

Boxes also available in FSC® certified version

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 DIMENSIONS mm | CAPACITY LITRES | PRICE EURO / EACH | | | |
|-------------|---------------------|---------------------|-----------------|-------------------|---|----|----|
| | | | | 2 | 8 | 16 | 32 |
| BIO-2032-SB | 130 x 130 x 180h | 150 x 180h | - | Price on demand | | | |

Includes: 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, certified single-use packaging for UN3373 shipping. Suitable for containing any primary receptacle as it comes complete with a 95 kPa single-use bag and has been tested with various contents. The complete packaging, as supplied, has successfully passed special preparations and drop tests.

| SERPAC CODE | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | CAPACITY LITRES | PRICE EURO / EACH | | | |
|--------------|---------------------|---------------------|-----------------|-------------------|----|----|-----|
| | | | | 2 | 36 | 72 | 108 |
| BIO-3373-010 | 250 x 200 x 29h | 150 x 180h | - | Price on demand | | | |

Includes: 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.



DO YOU SHIP LIMITED QUANTITIES TO AND FROM BRAZIL? YOU MUST COMPLY WITH BRG-06.

The 66th edition of the IATA DGR manual introduced the new State Variation BRG-06, which requires that shipments of dangerous goods in Limited Quantities must always be accompanied by a document (a test report or certificate) certifying that the packaging has passed the required tests.

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.

Possibility of shipping 2 BIO-210-SB bags in the same package

| SERPAC CODE | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | CAPACITY LITRES | PRICE EURO / EACH | | | |
|--------------|---------------------|---------------------|-----------------|-------------------|----|----|----|
| | | | | 2 | 24 | 48 | 72 |
| BIO-3373-020 | 285 x 185 x 45h | 150 x 180h | - | Price on demand | | | |

Includes: 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 PLASTIC JAR 0,5L 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.

| CODICE SERPAC | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | CAPACITY LITRES | PRICE EURO / EACH | | | |
|---------------|---------------------|---------------------|-----------------|-------------------|----|----|-----|
| | | | | 15 | 30 | 60 | 120 |
| BIO-0520-SB | 102 x 102 x 215h | ø 60 x 182h | 0,500 | Price on demand | | | |

Includes: 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 PLASTIC JAR 1L 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.

| CODICE SERPAC | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | CAPACITY LITRES | PRICE EURO / EACH | | | |
|---------------|---------------------|---------------------|-----------------|-------------------|---|----|----|
| | | | | 2 | 8 | 16 | 32 |
| BIO-2030-SB | 130 x 130 x 180h | ø 100 x 149h | 0,950 | Price on demand | | | |

Includes: 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 certified to contain any type of test tube inside the plastic jar or primary receptacle.



The label of responsible forest management

PACKAGING 4GU/CLASS 6.2 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 bot 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 DIMENSIONS mm | CAPACITY LITRES | PRICE EURO / E | | |
|-------------|---------------------|---------------------|-----------------|----------------|---|----|
| | | | | 2 | 8 | 16 |
| BIO-3000-SB | 130 x 130 x 180h | ∅ 100 x 149h | 0,950 | Price on dema | | |

Includes: 1 secondary packaging, 1 interposition, 1 absorbent 6 vials holder, 1 bubblefoil bag 1 packaging 4GU/ Class 6.2, 1 instructions sheet.

Boxes also available in FSC® certified version



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 certified to contain any type of test tube inside the plastic jar.

ABSORBENT AND CUSHIONING MATERIALS

| SERPAC CODE | DIMENSIONS mm | ABSORPTION ml | PCS / PACK | PRICE EURO / EACH | | | |
|-------------|---------------|---------------|------------|-------------------|---|---|---|
| | | | | 1 | 2 | 3 | 4 |
| BIO-802-SB | 300 x 125h | - | 50 | Price on demand | | | |
| BIO-804-SB | 150 x 150h | 250 | 100 | Price on demand | | | |
| BIO-807-SB | 260 x 120h | 250 | 50 | Price on demand | | | |
| BIO-805-SB | ∅ 95 x 65h | - | 25 | Price on demand | | | |
| BIO-808-SB | 150 x 70h | 120 | 100 | Price on demand | | | |



BIO-807-SB

Absorbent test tube holder for 6 vials



BIO-804-SB

absorbent pad



BIO-802-SB

Pluriball bag with 6 holes



BIO-808-SB

absorbent pad



BIO-805-SB

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



REFRIGERATED TRANSPORT

PACKAGING AND ACCESSORIES

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.



The label of responsible forest management



Outer boxes also available in FSC®-certified version

| SERPAC CODE | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | MAX CAPACITY LITRES | THICKNESS mm | PRICE EURO / EACH | | | |
|-------------|---------------------|---------------------|---------------------|--------------|-------------------|---|---|---|
| | | | | | 1 | 2 | 3 | 4 |
| BIO-7100-SB | 250 x 250 x 250h | 155 x 155 x 155h | 3 | 36 | Price on demand | | | |
| BIO-6100-SB | 405 x 305 x 320h | 290 x 190 x 210h | 12 | 50 | Price on demand | | | |
| BIO-4100-SB | 405 x 305 x 405h | 290 x 190 x 290h | 16 | 50 | Price on demand | | | |
| BIO-8100-SB | 375 x 375 x 515h | 260 x 260 x 380h | 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.

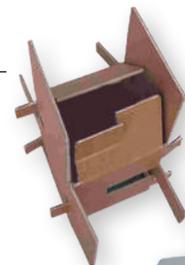
| SERPAC CODE | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | MAX CAPACITY LITRES | THICKNESS mm | PRICE EURO / EACH | | | |
|-------------|---------------------|---------------------|---------------------|--------------|-------------------|---|---|---|
| | | | | | 1 | 2 | 3 | 4 |
| BIO-701-SB | 230 x 230 x 213h | 155 x 155 x 155h | 3 | 36 | Price on demand | | | |
| BIO-601-SD | 390 x 290 x 285h | 290 x 190 x 210h | 12 | 50 | Price on demand | | | |
| BIO-401-SD | 390 x 290 x 365h | 290 x 190 x 290h | 16 | 50 | Price on demand | | | |
| BIO-405-SD | 360 x 360 x 495h | 260 x 260 x 380h | 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.

| SERPAC CODE | PRODUCT DESCRIPTION | PRICE EURO / EACH | | | |
|-------------|--|-------------------|---|---|---|
| | | 1 | 2 | 3 | 4 |
| BIO-403-SB | Jar holder for BIO-1000-SB, suitable for BIO-4100-SB e BIO-6100-SB | Price on demand | | | |
| BIO-406-SB | Jar holder for BIO-1000-SB, suitable for BIO-8100-SB | Price on demand | | | |
| BIO-603-SB | Alveolar die-cut closed mm 280 x 180 x 125h thickness 3,5 mm | Price on demand | | | |



BIO-403-SB
BIO-406-SB

BIO-603-SB



GEL PACKS FOR REFRIGERATED TRANSPORT

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

| | SERPAC CODE | DIMENSIONS (mm) | WEIGHT (g) | BAGS/PACK | NOTE |
|---|--------------|-----------------|------------|-----------|--|
|  GREEN ICE® Packed ice Refrigerating mass for thermostating at 0/+5°C o +2/+8°C | GEL-GI-0250 | 157 x 197 | 250 g | 68 | 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 |
| | GEL-GI-0330 | 149 x 157 | 330 g | 51 | |
| | GEL-GI-0500 | 157 x 262 | 500 g | 34 | |
| | GEL-GI-1000 | 157 x 320 | 1000 g | 17 | |
|  BLU ICE® - Packed ice Refrigerating mass for thermostating at temperatures higher than 0°C | GEL-BI-0250 | 157 x 197 | 250 g | 68 | 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. |
| | GEL-BI-0330 | 149 x 157 | 330 g | 51 | |
| | GEL-BI-0500 | 157 x 262 | 500 g | 34 | |
| | GEL-BI-1000 | 157 x 320 | 1000 g | 17 | |
|  GREEN ICE® ULTRA Packed ice Refrigerating mass for thermostating at -23°C | GEL-GIU-0250 | 157 x 197 | 250 g | 68 | Freezing temperature - 23°C Product intended for the transport of perishable product under negative temperature -23°C. |
| | GEL-GIU-0330 | 149 x 157 | 330 g | 51 | |
| | GEL-GIU-0500 | 157 x 262 | 500 g | 34 | |
| | GEL-GIU-1000 | 157 x 320 | 1000 g | 17 | |
|  BLU ICE® ULTRA Packed ice Refrigerating mass for thermostating at -50°C | GEL-BIU-0250 | 157 x 197 | 250 g | 68 | Freezing temperature - 50°C Product intended for the transport of perishable product under negative temperature -50°C. |
| | GEL-BIU-0330 | 149 x 157 | 330 g | 51 | |
| | GEL-BIU-0500 | 157 x 262 | 500 g | 34 | |
| | GEL-BIU-1000 | 157 x 320 | 1000 g | 17 | |

(available in stock)

| ISOTHERMAL RECEPTACLE | REQUESTED INNER TEMPERATURE | AVERAGE OUTER TEMPERATURE | DURATION | DOSAGE |
|-----------------------|-----------------------------|---------------------------|-----------|--------------------------|
| BIO-7100-SB | -78°C | 25°C | 24 hours | Packed ice kg 1 |
| | | | 48 hours | Packed ice kg 2 |
| | | | 72 hours | Packed ice kg 3 |
| BIO-6100-SB | -78°C | 25°C | 24 hours | Packed ice kg 2,5 |
| | | | 48 hours | Packed ice kg 4,5 |
| | | | 72 hours | Packed ice kg 6,5 |
| BIO-4100-SB | -78°C | 25°C | 24 hours | Packed ice kg 3 |
| | | | 48 hours | Packed ice kg 5,5 |
| | | | 72 hours | Packed ice kg 7 |
| | | | 96 hours | Packed ice kg 9,5 |
| BIO-8100-SB | -78°C | 25°C | 24 hours | Packed ice kg 3 |
| | | | 48 hours | Packed ice kg 6 |
| | | | 72 hours | Packed ice kg 10 |
| | | | 96 hours | Packed ice kg 13 |
| | | | 120 hours | Packed ice kg 16 |

| ISOTHERMAL RECEPTACLE | REQUESTED INNER TEMPERATURE | AVERAGE OUTER TEMPERATURE | DURATION | DOSAGE |
|-----------------------|-----------------------------|---------------------------|----------|---|
| BIO-7100-SB | +2 / +8°C | 25°C | 48 hours | Green Ice kg 1 - Blu Ice kg 0,5 |
| BIO-6100-SB | +2 / +8°C | 25°C | 48 hours | Green Ice kg 1 - Blu Ice kg 0,5 |
| BIO-4100-SB | +2 / +8°C | 25°C | 48 hours | Green Ice kg 3,5 - Blu Ice kg 1 |
| BIO-8100-SB | +2 / +8°C | 25°C | 48 hours | Green Ice kg 7 - Blu Ice kg 2,5 |

LABELS, MARKS, PLACARDS AND ORANGE PANELS



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**Technical features
of labels, marks, placards,
and panels**

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and general provisions**

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**A guide to using our
catalog and our price list**

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Class 2

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Class 3

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Class 4

Page 100



Class 5

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Excepted Quantities

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Class 6.1

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Lithium battery

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Class 6.2

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Labels for transport by air IATA

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UN3373

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Orange panels marking and numbers

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Class 7

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Different labels

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Class 8

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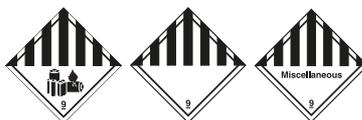
Labels price list

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Class 9

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Placards and panels price list

Page 126-127



Marine Pollutant Mark

Page 110



GHS Pictograms

Page 134



Limited Quantities ADR, RID, ADN, IMDG e IATA

Page 110



Fireproof Orange Panel Marking

Page 141



TECHNICAL FEATURES

PACKAGE

Thermowrapped packs of 50 adhesive glossy paper and PVC labels



- 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
- **The adhesive is resistant after being immersed for 3 months in seawater as requested by the IMDG code 5.2.2.1.7**



DELIVERED IN **24/48h**

Page 123 Price list column A1, B1, B2, B3, B4

Thermowrapped rolls of 500 adhesive polyethylene labels (PE)



- Permanent adhesive, indoor and outdoor shelf life of 2 years.
- Suitable for fibreboard boxes, metal drums, plastic tanks, etc...
- Labels printed with UV protective coating
- Zig-zag perforation support to facilitate the tearing of the labels
- High initial adhesion combined with a strong permanent hold
- Easy to detach from the support for a fast application
- **The adhesive is resistant after being immersed for 3 months in seawater as requested by the IMDG code 5.2.2.1.7**



DELIVERED IN **24/48h**

Page 124 Price list column A1, B1, B2, B3, B4 Page 125 Column RB1 e RB2

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



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



DELIVERED IN **24/48h**

Page 136 Price list column G1, G2, G3

VEHICLES AND CONTAINERS

In thermowrapped packs of 12 placard/adhesive panels in PVC



- Easy to stick on
- Suitable for containers and curved surfaces
- Permanent adhesive, indoor and outdoor shelf life of 3/5 years
- **The adhesive is durable after a 3-month immersion into the sea as required by IMDG Code 5.3.1.1.1 (at point 2)**



DELIVERED IN **24/48h**

Page 126 Price list column C1, C2, D1, D2, E1, E2 Page 127 Column H1, K1, K2 e L1

Folding panels, panels, and supports



- Permanent adhesive, indoor and outdoor shelf life of 5 years
- Aluminum support
- Steel folding support
- Plastic materials
- Fire-resistant metal



DELIVERED IN **24/48h**

Price list column M - request price list

NEWS 2026

SPECIAL PRICES

**WHEN PURCHASING ONE CODE
OF LABELS AND MARKS**



**FREE
SHIPPING**

PROMOTION VALID

FOR ORDERS FROM

50.000 pcs

100.000 pcs

200.000 pcs

**CONTACT US
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EXAMPLES BY CATEGORY

DEFINITIONS AND GENERAL PROVISIONS

PACKAGE



Packaging



Bulk packaging



IBC

A package is 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 objects** 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 materials**, the term does not apply to goods transported in bulk and substances transported in tanks.

Labels and marks that can be used

Minimum size of labels and marks 100 x 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 Quantities* mark 50 x 50 mm

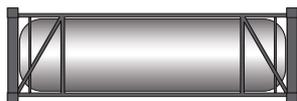
CONTAINER



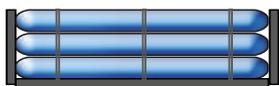
Containers for packages



Containers for carriage in bulk



Tank containers, portable tanks, demountable tanks



MECGs
(Multiple Elements Gas Containers)

A container is 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.



Placards / marks

Minimum dimensions 250 x 250 mm

Orange panels with numbers

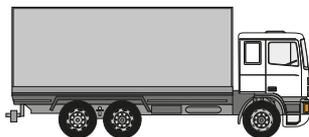


Minimum dimensions
400 x 300 mm
(ADR, RID, ADN)

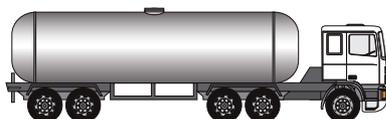


Minimum dimensions
300 x 120 mm
(IMDG)

VEHICLES



Package transport vehicles



Tank-vehicles

A motor vehicle without an attached trailer, or a combination consisting of a motor vehicle and an attached trailer.



Placards / marks

Minimum dimensions 250 x 250 mm

Generic orange panels and with numbers



Minimum dimensions
400 x 300 mm or reduces
dimensions 300 x 120 mm



Minimum dimensions
400 x 300 mm



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.



FLAMMABLE LIQUIDS

| | DIMENSION mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|--------------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T300-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-T300-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-T300-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Column to consider when consulting the label price list. The color of the row will help you identify the correct price list.

| ADR | RID | ADN | IMDG | IATA |
|-----|-----|-----|------|------|
| ✓ | ✓ | ✓ | ✓ | ✓ |

Identify pre-select transport mode compliance.

By air some operator variations require label with text



Price list column

View the corresponding list column

Examples of placards / marks of the corresponding column:

| A1 | B1 | B2 | B3 | B4 |
|--|--|--------------------------------|----------------|---|
| 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 |

PRICE LIST
PAGE 117

LABELS AND MARKS IN PACKS

- All the labels in the package are independent, this allows only the necessary labels to be picked up without affecting the remaining ones.
- The label liner allows easy removal of the protective part of the adhesive without ruining the label itself, thanks to the pre-cut etching lines.



LABELS AND MARKS IN ROLLS

- The zig-zag perforation between all the labels allows to peel off the desired number without affecting the remaining ones.
- The scrap allows an easy release of the label onto the paper on which it is placed without ruining the label itself.



GHS PICTOGRAMS

1/15th of the minimum label area



HAZARD LABEL
100 x 100 mm



PLACARD
250 x 250 mm



MARK

1263

PANEL
300 x 120 mm

90
3082

PANEL
400 x 300 mm



LABEL
on one surface of the package



LABEL
on 2 opposite sides for IBC with a capacity > 450 L

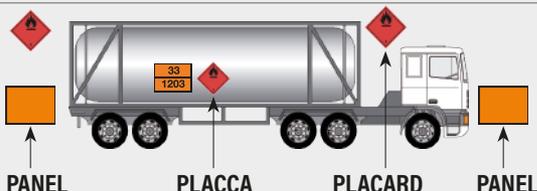


DANGEROUS GOODS
Packed and loaded
4 ton



PLACARD
on 4 sides

1266
PANEL



PANEL

PLACCA

PLACARD

PANEL

PLACCA PANNELLO



EXPLOSIVE SUBSTANCES OR ARTICLES

| | |
|---------------------|--|
| DIVISION 1.1 | Articles and substances having a mass explosion hazard. |
| DIVISION 1.2 | Articles and substances having a projection hazard but not a mass explosion hazard. |
| 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 |
| DIVISION 1.4 | Substances and articles which present only a slight risk of explosion in the event of ignition or initiation during the carriage. |
| DIVISION 1.5 | Very insensitive substances having a mass explosion hazard which are so insensitive that there is very little probability of trigger or transition from burning to detonation under normal conditions of carriage. |
| DIVISION 1.6 | Extremely insensitive articles which do not have a mass explosion hazard |

EXPLOSIVE SUBSTANCES OR ARTICLES

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|--|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES | 100 x 100 | LAB-N100-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N100-PP | E1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

The label must be completed with the compatibility group

The placards are supplied with stickers to complete them with the division and compatibility group **1.1.2.1.3|A|B|C|D|E|F|G|H|J|K|L|S**

EXPLOSIVE SUBSTANCES OR ARTICLES **DIVISION 1.1**

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|--|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES | 100 x 100 | 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**

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|--|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES | 100 x 100 | 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**

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|--|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES | 100 x 100 | 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

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|--------------|-------------|-----------------|-------------|------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-N140-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N140-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N140-PP | E1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

The label must be completed with the compatibility group

The placards are supplied with stickers to complete them with the division and compatibility group **1.1.1.2.1.3.ABCDEFGHJKLS**

EXPLOSIVE SUBSTANCES OR ARTICLES DIVISION 1.4

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|-------------|-------------|-----------------|------------|------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | 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

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|-------------|-------------|-----------------|------------|------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-N150-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N150-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

EXPLOSIVE SUBSTANCES OR ARTICLES DIVISION 1.6

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|-------------|-------------|-----------------|------------|------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-N160-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N160-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |

UN-CERTIFIED 4G BOXES FOR FIREWORKS

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

See page 28



FLAMMABLE GAS DIVISION 2.1

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 100 x 100 | LAB-T210-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-T210-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-T210-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

FLAMMABLE GAS DIVISION 2.1

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| By air some operator variations require label with text | | ✱ 50 x 50 | LAB-H210-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 100 x 100 | LAB-N210-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N210-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N210-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-N210-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | | 250 x 250 | PAN-N210-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 250 x 250 | PAN-N210-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 300 x 300 | PAN-N210-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 300 x 300 | PAN-N210-SK3 | K2 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | | 300 x 300 | PAN-N210-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 300 x 300 | PAN-N210-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 300 x 300 | PAN-N210-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

*** ATTENTION** the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

FLAMMABLE GAS DIVISION 2.1 (UN1950)

|  | CONTAINER VEHICLES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|--------------------|-----------|-------------|-------|---------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 250 x 250 | PAN-1950-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |

FLAMMABLE GAS DIVISION 2.1 (UN1965)

|  | CONTAINER VEHICLES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|--------------------|-----------|-------------|-------|---------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 250 x 250 | PAN-1965-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |

FLAMMABLE GAS DIVISION 2.1 (UN3161)

|  | CONTAINER VEHICLES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|--------------------|-----------|-------------|-------|---------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 250 x 250 | PAN-3161-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |

FLAMMABLE GAS DIVISION 2.1 (UN)

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|--------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 120 x 100 | LAB-P204-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 120 x 100 | BOX-P204-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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



FLAMMABLE GAS DIVISION 2.1 (UN1950 AEROSOLS, FLAMMABLE)



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 130 x 100 | LAB-P210-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 6 mm

NON-FLAMMABLE, NON-TOXIC GAS DIVISION 2.2



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T220-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-T220-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |

NON-FLAMMABLE, NON-TOXIC GAS DIVISION 2.2



By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---------------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | ✱ 50 x 50 | LAB-H220-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N220-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N220-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N220-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N220-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N220-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-N220-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N220-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N220-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N220-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N220-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

*** ATTENTION** the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

NON-TOXIC GAS DIVISION 2.3



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T230-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

NON-TOXIC GAS DIVISION 2.3



By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---------------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | ✱ 50 x 50 | LAB-H230-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-N230-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N230-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-N230-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N230-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N230-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N230-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N230-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

*** ATTENTION** the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

FLAMMABLE LIQUIDS

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 100 x 100 | LAB-T300-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-T300-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-T300-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

FLAMMABLE LIQUIDS

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|--------------------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | * 50 x 50 | LAB-H300-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 100 x 100 | LAB-N300-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N300-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N300-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-N300-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | CONTAINER VEHICLES | 250 x 250 | PAN-N300-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 250 x 250 | PAN-N300-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 300 x 300 | PAN-N300-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 300 x 300 | PAN-N300-SK3 | K2 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 300 x 300 | PAN-N300-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 300 x 300 | PAN-N300-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 300 x 300 | PAN-N300-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

* ATTENTION the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

FLAMMABLE LIQUIDS (UN1263)

|  | CONTAINER VEHICLES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|--------------------|-----------|-------------|-------|---------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 250 x 250 | PAN-1263-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 250 x 250 | PAN-1263-SK | K1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

FLAMMABLE LIQUIDS (UN1266)

|  | CONTAINER VEHICLES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|--------------------|-----------|-------------|-------|---------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 250 x 250 | PAN-1266-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 250 x 250 | PAN-1266-SK | K1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

FLAMMABLE LIQUIDS (UN1993)

|  | CONTAINER VEHICLES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|--------------------|-----------|-------------|-------|---------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 250 x 250 | PAN-1993-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |

FLAMMABLE LIQUIDS (UN)

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 120 x 100 | LAB-P304-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 120 x 100 | LAB-P304-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 120 x 100 | BOX-P304-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

FLAMMABLE LIQUIDS (UN1197)

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 120 x 100 | LAB-P308-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 120 x 100 | LAB-P308-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 120 x 100 | BOX-P308-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



FLAMMABLE LIQUIDS (UN1263 PAINT)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 130 x 100 | LAB-P300-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm

FLAMMABLE LIQUIDS (UN1263)



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P302-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P302-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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

FLAMMABLE LIQUIDS (UN1266 PERFUMERY PRODUCTS)



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 130 x 100 | LAB-P301-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 130 x 100 | LAB-P301-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 130 x 100 | BOX-P301-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm

FLAMMABLE LIQUIDS (UN1866)



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P303-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P303-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm

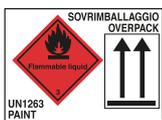
FLAMMABLE LIQUIDS (UN1993)



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-N305-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-N305-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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

OVERPACK LABELS (UN1263 PAINT)



Carattere 12 mm

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 245 x 175 | LAB-S301-PC | B3 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 245 x 175 | LAB-S301-ZPE | B3 | PE (2 years) | Roll of 250 | ✓ | ✓ | ✓ | ✓ | ✓ |



Font 12 mm

OVERPACK LABELS (UN1266 PERFUMERY PRODUCTS)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 245 x 175 | LAB-S302-PC | B3 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



Font 12 mm

OVERPACK LABELS (UN1866 RESIN SOLUTION)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|------------|----------------|---------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 245 x 175 | LAB-S303-PC | B3 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

FLAMMABLE SOLIDS, SELF-REACTIVE SUBSTANCES, POLYMERIZING SUBSTANCES, AND SOLID DESENSITIZED EXPLOSIVES DIVISION 4.1



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T410-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

FLAMMABLE SOLIDS, SELF-REACTIVE SUBSTANCES, AND SOLID DESENSITIZED EXPLOSIVES DIVISION 4.1



By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---------------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | ✱ 50 x 50 | LAB-H410-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-N410-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N410-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N410-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N410-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N410-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-N410-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N410-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N410-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N410-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N410-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

* ATTENTION the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

FLAMMABLE SOLIDS, SELF-REACTIVE SUBSTANCES, AND SOLID DESENSITIZED EXPLOSIVES DIVISION 4.1 (UN 3175)



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|-----------------|-----------|--------------|------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P411-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P411-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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

CUSTOMIZED LABELS, PLACARDS, AND PANELS

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

See page 123



PRODUCTS FOR FILLING AND PROTECTING

Secures your goods from damage, uses filling and protective materials

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SUBSTANCES LIABLE TO SPONTANEOUS COMBUSTION DIVISION 4.2

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|-----------|--------------|-------------|-----------------|-------------|------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-T420-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-T420-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-T420-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

SUBSTANCES LIABLE TO SPONTANEOUS COMBUSTION DIVISION 4.2

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|-----------|--------------|-------------|-----------------|-------------|------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-N420-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N420-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N420-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N420-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N420-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N420-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N420-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| | 300 x 300 | PAN-N420-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| | 300 x 300 | PAN-N420-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |

SUBSTANCES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES DIVISION 4.3

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|-----------|-------------|-------------|-----------------|------------|------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-T430-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

SUBSTANCES WHICH, IN CONTACT WITH WATER, EMIT FLAMMABLE GASES DIVISION 4.3

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|-----------|--------------|-------------|-----------------|-------------|------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-N430-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N430-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N430-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N430-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N430-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N430-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| | 300 x 300 | PAN-N430-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |
| | 300 x 300 | PAN-N430-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | ✗ |



OXIDIZING SUBSTANCES DIVISION 5.1

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T510-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

OXIDIZING SUBSTANCES DIVISION 5.1



By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | ✱ 50 x 50 | LAB-H510-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-N510-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N510-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N510-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N510-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N510-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-N510-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N510-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N510-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N510-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N510-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

* ATTENTION the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size



ORGANIC PEROXIDES DIVISION 5.2

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T521-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

ORGANIC PEROXIDES DIVISION 5.2



By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-N521-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N521-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N521-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N521-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 250 x 250 | PAN-N521-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| CONTAINER VEHICLES | 300 x 300 | PAN-N521-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N521-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| VEHICLES | 300 x 300 | PAN-N521-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N521-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

UN-CERTIFIED 4G BOXES FOR DANGEROUS GOODS



UN 4G/X31.4/S/26
B/SERPAC-412.060026

SHIP YOUR DANGEROUS GOODS IN COMPLIANCE WITH ALL REGULATIONS!
Page 16



TOXIC SUBSTANCES DIVISION 6.1

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 100 x 100 | LAB-T610-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-T610-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-T610-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

TOXIC SUBSTANCES DIVISION 6.1

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|--------------------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | *50 x 50 | LAB-H610-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 100 x 100 | LAB-N610-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N610-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N610-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-N610-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | CONTAINER VEHICLES | 250 x 250 | PAN-N610-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 250 x 250 | PAN-N610-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 300 x 300 | PAN-N610-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | | 300 x 300 | PAN-N610-SK3 | K2 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 300 x 300 | PAN-N610-PPA | M06 | Alluminio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 300 x 300 | PAN-N610-FX | P06 | Plastico | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 300 x 300 | PAN-N610-PRC | M02 | Rich. acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

By air some operator variations require label with text

*** ATTENTION** the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

INFECTIOUS SUBSTANCES DIVISION 6.2

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|----------|-----------|-------------|-------|-----------------|------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | *60 x 60 | LAB-T621-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-T620-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

*** ATTENTION** the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size

INFECTIOUS SUBSTANCES DIVISION 6.2

|  | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---|--------------------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 100 x 100 | LAB-N620-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-N620-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-N620-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | CONTAINER VEHICLES | 250 x 250 | PAN-N620-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |

UN-CERTIFIED PACKAGING FOR INFECTIOUS SUBSTANCES UN2814 AND UN2900



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BIOLOGICAL SUBSTANCE, CATEGORY B (UN3373) DIVISION 6.2

|  UN3373 BIOLOGICAL SUBSTANCE, CATEGORY B | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA | |
|---|-------------------------------|----------------|---------------|----------|-----------------|---|---|---|--|--|---|
| | PACKAGES Font 6 mm | 74 x 90 | LAB-1162-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | PACKAGES Font 12 mm | 145 x 180 | LAB-1161-PC | B2 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

BIOLOGICAL SUBSTANCE, CATEGORY B (UN3373) DIVISION 6.2

|  UN3373 | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA | |
|--|-----------------|----------------|---------------|----------|-----------------|---|---|---|--|--|---|
| | PACKAGES | 55 x 55 | LAB-1128-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 110 x 110 | LAB-1127-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

BIOLOGICAL SUBSTANCE, CATEGORY B (UN3373) DIVISION 6.2

|  BIOLOGICAL SUBSTANCE, CATEGORY B | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|---|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES (Font 6 mm) | 60 x 20 | LAB-1160-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| PACKAGES (Font 12 mm) | 115 x 40 | LAB-1159-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

EXEMPT HUMAN SPECIMEN DIVISION 6.2

|  EXEMPT HUMAN SPECIMEN | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|---|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES (Font 8 mm) | 90 x 20 | LAB-1031-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

EXEMPT ANIMAL SPECIMEN DIVISION 6.2

|  EXEMPT ANIMAL SPECIMEN | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  ADR |  RID |  ADN |  IMDG |  IATA |
|--|------------|----------------|---------------|-----------------|------------|---|---|---|--|--|
| PACKAGES (Font 8 mm) | 90 x 20 | LAB-1032-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

MANUAL LABEL DISPENSERS

Visit our website!

**PERFECT
FOR QUICKLY
LABELLING YOUR
PACKAGINGS**




FISSILE MATERIAL

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|-----------------|------------|--------------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-T700-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



RADIOACTIVE MATERIAL CATEGORY I WHITE

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|-----------------|------------|--------------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-T701-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



RADIOACTIVE MATERIAL CATEGORY II YELLOW

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|-----------------|------------|--------------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-T702-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



RADIOACTIVE MATERIAL CATEGORY III YELLOW

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|-----------------|------------|--------------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-T703-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



RADIOACTIVE MATERIAL

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|---------------------------|------------|--------------------|---------------|---------------|------------|---|---|---|---|---|
| CONTAINER VEHICLES | 250 x 250 | PAN-T704-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

RADIOACTIVE MATERIAL EXCEPTED PACKAGE



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|-----------------|------------|--------------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 105 x 74 | LAB-1111-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |

SPECIAL PRICES

WHEN PURCHASING ONE CODE OF LABELS AND MARKS

See the price list from page 136



CORROSIVE SUBSTANCES

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T801-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-T801-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-T801-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



CORROSIVE SUBSTANCES

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | * 50 x 50 | LAB-H801-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-N801-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N801-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N801-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N801-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N801-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-N801-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N801-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N801-SK3 | K2 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N801-PPA | M06 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N801-FX | P06 | Plastic | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N801-PRC | M02 | Folding steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

By air some operator variations require label with text

*** ATTENTION** the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size



CORROSIVE SUBSTANCES (UN)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P803-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-P803-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P803-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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



CORROSIVE SUBSTANCES (UN1760)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P806-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-P806-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P806-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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



CORROSIVE SUBSTANCES (UN2735)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|------------------------|-----------|--------------|------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES Font 12 mm | 120 x 100 | LAB-P802-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P802-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



CORROSIVE SUBSTANCES (UN2796)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|------------------------|-----------|--------------|------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES Font 12 mm | 120 x 100 | LAB-P808-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P808-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



CORROSIVE SUBSTANCES (UN3266)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|------------------------|-----------|--------------|------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES Font 12 mm | 120 x 100 | LAB-P804-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P804-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-T901-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-T901-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-T901-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES

By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--------------------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | * 50 x 50 | LAB-H900-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N900-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N900-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-N900-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-N900-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-N900-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-N900-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N900-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-N900-SK3 | K2 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-N900-PPA | M06 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N900-FX | P06 | Plastic | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-N900-PRC | M02 | Folding steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

* ATTENTION the 50 x 50 size is allowed only if the package is not large enough for the 100 x 100 size



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (LITHIUM BATTERY)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 100 x 100 | LAB-L916-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-L916-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-L916-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3077)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--------------------|-----------|-------------|------------|---------------|------------|-----|-----|-----|------|------|
| CONTAINER VEHICLES | 250 x 250 | PAN-3077-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | 250 x 250 | PAN-3077-SK | K1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3082)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--------------------|-----------|-------------|------------|---------------|------------|-----|-----|-----|------|------|
| CONTAINER VEHICLES | 250 x 250 | PAN-3082-PP | D1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | 250 x 250 | PAN-3082-SK | K1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES ID8000 CONSUMER COMMODITY



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 130 x 100 | LAB-P902-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 130 x 100 | LAB-P902-ZPE | B1 | PE (2 years) | Roll of 500 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 130 x 100 | BOX-P902-ZPE | RB1 | PE (2 years) | Box of 3000 | ✗ | ✗ | ✗ | ✗ | ✓ |



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P906-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-P906-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P906-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES LITHIUM BATTERY (UN3090)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-L919-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-L919-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES LITHIUM BATTERY (UN3091)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-L920-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-L920-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-L920-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES LITHIUM BATTERY (UN3480)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-L917-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-L917-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-L917-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES LITHIUM BATTERY (UN3481)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|--------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-L921-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-L921-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN1845 - DRY ICE)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 130 x 100 | LAB-P903-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 130 x 100 | LAB-P903-ZPE | B1 | PE (2 years) | Roll of 500 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 120 x 100 | BOX-P903-ZPE | RB1 | PE (2 years) | Box of 3000 | ✗ | ✗ | ✗ | ✗ | ✓ |

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



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3077)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P907-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-P907-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | BOX-P907-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

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



MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3082)

By air some operator variations require label with text

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|--------------|--------------|-----------------|--------------|-------------|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P905-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-P905-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Font 12 mm | 120 x 100 | BOX-P905-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ |



By air some operator variations require label with text

MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3171)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|--------------|--------------|--------------|--------------|-------------|-----|-----|------|------|
| PACKAGES | 130 x 100 | LAB-P915-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Font 12 mm | 130 x 100 | BOX-P915-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ |



By air some operator variations require label with text

MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3509)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|--------------|--------------|-----------------|--------------|-------------|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P913-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 100 | LAB-P913-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Font 12 mm | 120 x 100 | BOX-P913-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ |



By air some operator variations require label with text

MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES (UN3316)

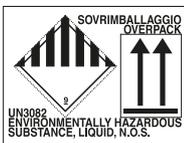
| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 120 x 100 | LAB-P904-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Font 12 mm | | | | | | | | | |



OVERPACK LABELS (UN3077 ENVIRONMENTALLY ...)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 245 x 175 | 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 label with text



OVERPACK LABELS (UN3082 ENVIRONMENTALLY ...)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|-------------|------------|-----------------|------------|-----|-----|-----|------|------|
| PACKAGES | 245 x 175 | 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 label with text

UN3077 CLASS 9 + MARINE POLLUTANT MARK



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 295 x 150 | LAB-P908-PC | B3 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 300 x 150 | LAB-P908-ZPE | B3 | PE (2 years) | Roll of 250 | ✓ | ✓ | ✓ | ✓ | ✓ |

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

UN3082 CLASS 9 + MARINE POLLUTANT MARK



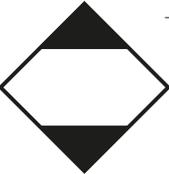
| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|-----------|--------------|------------|-----------------|-------------|-----|-----|-----|------|------|
| PACKAGES | 295 x 150 | LAB-P909-PC | B3 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 300 x 150 | LAB-P909-ZPE | B3 | PE (2 years) | Roll of 250 | ✓ | ✓ | ✓ | ✓ | ✓ |

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

MARINE POLLUTANT MARK

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-4386-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-4386-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-4386-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | BOX-4386-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |
| CONTAINER VEHICLES | 250 x 250 | PAN-1183-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-1183-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-1183-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-1183-SK3 | K2 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-1183-PPA | M06 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-1183-FX | P06 | Plastic | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-1183-PRC | M02 | Folding steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

LIMITED QUANTITIES (CHAPTER 3.4)

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 55 x 55 | LAB-1241-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 55 x 55 | LAB-1241-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-6453-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-6453-PVC | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-6453-RCC | B1 | Carta Coprente | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | BOX-6453-RCC | RB1 | Carta Coprente | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | LAB-6453-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 100 x 100 | BOX-6453-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✗ |
| CONTAINER VEHICLES | 250 x 250 | PAN-1220-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 250 x 250 | PAN-1220-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-1220-PP3 | D2 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| VEHICLES | 300 x 300 | PAN-1220-PPA | M06 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 300 x 300 | PAN-1220-PRC | M02 | Folding steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

OVERPACK LABELS (LIMITED QUANTITIES CHAPTER 3.4)

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 245 x 175 | LAB-S008-PC | B3 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 245 x 175 | LAB-S008-ZPE | B3 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✗ |

LIMITED QUANTITIES

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 55 x 55 | LAB-1242-PC | A1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 55 x 55 | LAB-1242-ZPE | A1 | PE (2 years) | Roll of 500 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 100 x 100 | LAB-3473-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 100 x 100 | LAB-3473-ZPE | B1 | PE (2 years) | Roll of 500 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 100 x 100 | BOX-3473-ZPE | RB1 | PE (2 years) | Box of 3000 | ✗ | ✗ | ✗ | ✗ | ✓ |

EXCEPTED QUANTITIES - DANGEROUS GOODS IN EXCEPTED QUANTITIES

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| | | | | | | ADR | RID | ADN | IMDG | IATA |
| PACKAGES | 100 x 100 | LAB-4645-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 100 x 100 | LAB-4645-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |

Complete with the primary class or division.



EXCEPTED QUANTITIES CLASS 3 - DANGEROUS GOODS IN EXCEPTED QUANTITIES

| | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 100 x 100 | LAB-4591-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-4591-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-4591-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

BATTERY MARK

| <p>To be completed with UN number</p> | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|---------------------------------------|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 105 x 76 | LAB-LB11-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 105 x 76 | LAB-LB11-ZRC | A1 | Paper (3 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB41-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB41-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-LB41-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

BATTERY MARK (UN3090)

| | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 105 x 76 | LAB-LB12-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 105 x 76 | LAB-LB12-ZRC | A1 | Paper (3 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB42-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB42-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-LB42-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

LITHIUM BATTERY MARK (UN3091)

| | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 105 x 76 | LAB-LB13-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 105 x 76 | LAB-LB13-ZRC | A1 | Paper (3 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB43-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB43-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-LB43-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

LITHIUM BATTERY MARK (UN3480)

| | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 105 x 76 | LAB-LB14-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 105 x 76 | LAB-LB14-ZRC | A1 | Paper (3 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB44-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB44-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-LB44-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

LITHIUM BATTERY MARK (UN3481)

| | PACKAGES | SIZE | SERPAC | PRICE | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|--|----------|-----------|--------------|-------|-----------------|-------------|-----|-----|-----|------|------|
| | | mm | CODE | LIST | | | | | | | |
| | | 105 x 76 | LAB-LB15-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 105 x 76 | LAB-LB15-ZRC | A1 | Paper (3 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB45-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | LAB-LB45-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | 100 x 100 | BOX-LB45-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |



CARGO AIRCRAFT ONLY (CAO)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 125 x 110 | LAB-1143-PC | B1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |
| | 125 x 110 | LAB-1143-ZPE | B1 | PE (2 years) | Roll of 500 | X | X | X | X | ✓ |
| | 125 x 110 | BOX-1143-ZPE | RB1 | PE (2 years) | Box of 3000 | X | X | X | X | ✓ |



MAGNETIZED MATERIAL

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 112 x 92 | LAB-1102-PC | B1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



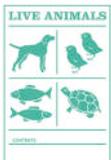
KEEP AWAY FROM HEAT

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 74 x 105 | LAB-1107-PC | B1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



CRYOGENIC LIQUID

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 38 x 53 | LAB-1106-PC | A1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |
| | 75 x 105 | LAB-1105-PC | B1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



LIVE ANIMALS

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 110 x 160 | LAB-1173-PC | B1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



PERISHABLE LABEL

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 113 x 82 | LAB-1286-PC | B1 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (NEUTRAL)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1729-PC | B2 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |
| | 100 x 100 | LAB-1729-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1729-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (-15°C TO -25°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1774-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1774-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+2°C TO +8°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1730-PC | B2 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |
| | 100 x 100 | LAB-1730-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1730-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+2°C TO +25°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1777-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1777-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+8°C TO +25°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1775-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1775-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+9°C TO +25°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1778-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1778-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+15°C TO +25°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1731-PC | B2 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |
| | 100 x 100 | LAB-1731-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1731-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+15°C TO +30°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1773-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1773-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (+20°C TO +25°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1776-ZRC | B1 | Paper (3 years) | Roll of 500 | X | X | X | X | ✓ |
| | 100 x 100 | BOX-1776-ZRC | RB1 | Paper (3 years) | Box of 3000 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (KEEP FROZEN)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1732-PC | B2 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (DO NOT FREEZE)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1733-PC | B2 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |



TIME & TEMPERATURE SENSITIVE (STORE BELOW +20°C)

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1734-PC | B2 | Paper (2 years) | Pack of 50 | X | X | X | X | ✓ |

UN

| UN | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|-------------------------------|------------|----------------|---------------|--------------|-------------|---|---|---|---|---|
| Font 16 mm PACKAGES | 120 x 40 | LAB-1145-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |

NET QUANTITY

| NET QUANTITY..... | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|-------------------------------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| Font 12 mm PACKAGES | 200 x 23 | LAB-1134-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |

NET QUANTITY

| NET QTY..... | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|------------------------------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| Font 6 mm PACKAGES | 92 x 16 | LAB-1135-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |

OVERPACK (PER PACKAGE)

| OVERPACK | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|-----------------|------------|----------------|---------------|-----------------|-------------|--|--|--|--|--|
| PACKAGES | 58 x 16 | LAB-1136-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 120 x 40 | LAB-1331-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 6 mm (LAB-1136-PC) - Font 21 mm (LAB-1331-ZPE)

OVERPACK (PER PACKAGE / PALLET)

| OVERPACK N°..... | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|-------------------------------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| Font 12 mm PACKAGES | 97 x 43 | LAB-1137-PC | A1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |

OVERPACK (PER PACKAGE / PALLET)

| OVERPACK SOVRIMBALLAGGIO | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|-----------------------------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 130 x 40 | LAB-1138-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 120 x 40 | LAB-1138-ZPE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |

Font 12 mm

UN1845 DRY ICE

| UN 1845 DRY ICE Net Quantity.....kg | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| Font 12 mm PACKAGES | 160 x 55 | LAB-1133-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |



MARK "ON THIRD PARTY ACCOUNT"

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|----------------|---------------|---------------|-----------|-----|-----|-----|------|------|
| VEHICLES | 330 x 160 | PAN-1407-PP | - | PVC (5 years) | Pack of 2 | ✓ | ✗ | ✗ | ✗ | ✗ |



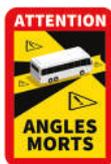
MARK "ON OWN ACCOUNT"

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|----------------|---------------|---------------|-----------|-----|-----|-----|------|------|
| VEHICLES | 330 x 160 | PAN-1408-PP | - | PVC (5 years) | Pack of 2 | ✓ | ✗ | ✗ | ✗ | ✗ |



BLIND SPOTS PANELS / ANGLES MORTS FOR TRUCK

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| VEHICLES | 170 x 250 | PAN-1649-PP | E2 | PVC (5 years) | Pack of 12 | ✓ | ✗ | ✗ | ✗ | ✗ |
| | 170 x 250 | PAN-1649-SK | L1 | PVC (3 years) | Pack of 40 | ✓ | ✗ | ✗ | ✗ | ✗ |



BLIND SPOTS PANELS / ANGLES MORTS FOR BUS

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| VEHICLES | 170 x 250 | PAN-1650-PP | E2 | PVC (5 years) | Pack of 12 | ✓ | ✗ | ✗ | ✗ | ✗ |



TRANSPORT UNIT CONTAINING REFRIGERATING OR CONDITIONING AGENTS

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | ADR | RID | ADN | IMDG | IATA |
|----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| VEHICLES | 215 x 355 | PAN-PSC05-SK | L1 | PVC (3 years) | Pack of 40 | ✓ | ✗ | ✗ | ✗ | ✗ |



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

Ask the experts for the best solutions!

SV MARK, SAFETY VALVE FOR TANKS

| SV | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----|----------|------------|----------------|---------------|----------|-----------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | | 120 x 120 | PAN-SV120-PAR | - | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 250 x 250 | PAN-SV250-PAR | - | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

ORANGE PLATE MARKING

| | CONTAINER | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|---|-----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| Codes - PAN-1140-PRI - PAN-1140-PRC are retro-reflective | | 300 x 120 | PAN-1140-PP | C2 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 300 x 120 | PAN-1140-SK | H1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 300 x 120 | PAN-1140-PRI | - | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 300 x 120 | PAN-1140-PRC | M04 | Folding steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

ORANGE PLATE MARKING

| | CONTAINER | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|--|-----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | | 300 x 120 | PAN-1141-PP | C2 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 300 x 120 | PAN-1141-SK | H1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

ORANGE PLATE MARKING

| | CONTAINER | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|--|-----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | | 300 x 120 | PAN-1158-PP | C2 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |

ORANGE PLATE MARKING

| | CONTAINER | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|--|-----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | | 300 x 120 | PAN-1161-PP | C2 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 300 x 120 | PAN-1161-SK | H1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

ORANGE PLATE MARKING

| | CONTAINER | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|--|-----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | | 300 x 120 | PAN-1164-PP | C2 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 300 x 120 | PAN-1164-SK | H1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

ORANGE PLATE MARKING

| | CONTAINER | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|--|-----------|------------|----------------|---------------|---------------|------------|-----|-----|-----|------|------|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | | 300 x 120 | PAN-1159-PP | C2 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 300 x 120 | PAN-1159-SK | H1 | PVC (3 years) | Pack of 40 | ✗ | ✗ | ✗ | ✓ | ✗ |

ORANGE PLATE MARKING

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| * retro-reflective | CONTAINER | 400 x 300 | PAN-1142-PP | E1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | | 400 x 300 | PAN-1142-PRI * | - | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |
| | VEHICLES | 400 x 300 | PAN-1142-PRC * | M05 | Folding steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 400 x 300 | PAN-1142-PPA * | M07 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

ORANGE PLATE MARKING NOT RETRO-REFLECTIVE

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | VEHICLES | 400 x 300 | PAN-1143-PP | E1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 400 x 300 | PAN-1143-SK | L1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✗ | ✗ |

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.

ORANGE PLATE MARKING NOT RETRO-REFLECTIVE

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|---------------|------------|--|--|--|--|--|
| | VEHICLES | 400 x 300 | PAN-1201-PP | E1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 400 x 300 | PAN-1201-SK | L1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✗ | ✗ |

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

ORANGE PLATE MARKING NOT RETRO-REFLECTIVE

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | VEHICLES | 400 x 300 | PAN-1210-PP | E1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 400 x 300 | PAN-1210-SK | L1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✗ | ✗ |

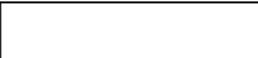
Suitable to carry dangerous goods by road ADR 5.3.2.2.1, only for containers carrying dangerous solid substances in bulk and for tank-containers, MEGCs, and portable tanks

ORANGE PLATE MARKING NOT RETRO-REFLECTIVE

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | VEHICLES | 400 x 300 | PAN-1200-PP | E1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 400 x 300 | PAN-1200-SK | L1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✗ | ✗ |

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

VARIOUS LABELS

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| Suitable to write PSN for transport in tanks | TANK | 520 x 90 | PAN-1207-PP | C1 | PVC (5 years) | Pack of 12 | ✗ | ✗ | ✗ | ✓ | ✗ |

LABEL WITH NUMBER 1

| 1 | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | CONTAINER | 55 x 80 | NUM-0001-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M001-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 2

| 2 | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | CONTAINER | 55 x 80 | NUM-0002-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M002-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 3

| 3 | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | CONTAINER | 55 x 80 | NUM-0003-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M003-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 4

| 4 | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | CONTAINER | 55 x 80 | NUM-0004-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M004-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 5

| 5 | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | CONTAINER | 55 x 80 | NUM-0005-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M005-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 6

| 6 | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | CONTAINER | 55 x 80 | NUM-0006-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M006-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

To complete the 300 x 120 mm orange plate marking use numbers with dimensions 80 x 55 mm, the font of the labels numbers 80 x 55 is 65 mm

1263

90

3082

To complete the 400 x 300 mm orange plate marking use numbers with dimensions 115 x 75 mm, the font of the labels numbers 115 x 75 is 105 mm


LABEL WITH NUMBER 7

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | CONTAINER | 55 x 80 | NUM-0007-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M007-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 8

|  | | SIZE mm | CODICE SERPAC | COLONNA LISTINO | TIPO MATERIALE | CONFEZIONE PRODOTTO |  |  |  |  |  |
|---|-----------|------------|------------------|--------------------|-------------------|------------------------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | CONTAINER | 55 x 80 | NUM-0008-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M008-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 9

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|-----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | CONTAINER | 55 x 80 | NUM-0009-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M009-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH NUMBER 0

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|-----------|------------|----------------|---------------|---------------|------------|--|--|--|--|--|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | CONTAINER | 55 x 80 | NUM-0000-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | VEHICLES | 75 x 115 | NUM-M000-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

LABEL WITH AN X

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|----------|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | VEHICLES | 75 x 115 | NUM-M00X-SPP | C1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✗ | ✗ |

SUPPORTS AND PANELS FOR PLACARDS AND PANELS

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA |
| | VEHICLES | 300 x 300 | PAN-0000-PAA | M08 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | 400 x 300 | PAN-0001-PAA | M09 | Aluminum | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

SUPPORTS AND PANELS FOR PLACARDS AND PANELS

|  | | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  | |
|---|-----------|------------|----------------|----------------|----------|-----------|---|---|---|---|---|---|
| | | | | | | | ADR | RID | ADN | IMDG | IATA | |
| | | VEHICLES | 140 x 140 | SUPP-SV120-PAZ | - | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | | 270 x 270 | SUPP-SV250-PAZ | - | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | | | 300 x 300 | SUPP-0001-PAZ | M10 | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |
| | 400 x 300 | | SUPP-0002-PAZ | M11 | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ | |

STEEL ORANGE PLATE MARKING 33+1993

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-1317-PMR | M12 | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

STEEL ORANGE PLATE MARKING 23+1965

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-B1203-PMR | M12 | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

STEEL ORANGE PLATE MARKING 30+1202

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-B1256-PMR | M12 | Steel | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

STEEL ORANGE PLATE MARKING 33+1203

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-B1257-PMR | M12 | Acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

STEEL ORANGE PLATE MARKING 90+3077

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-B1210-PMR | M12 | Acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

STEEL ORANGE PLATE MARKING 90+3082

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-B1200-PMR | M12 | Acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

SUPPORT FOR PLATE

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | SUPP-913FH-PMR | M14 | Acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |

STEEL ORANGE PLATE MARKING TO BE COMPLETED

|  | VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|--|----------|------------|----------------|---------------|----------|-----------|---|---|---|---|---|
| | | 400 x 300 | PAN-B1142-PMR | - | Acciaio | Pack of 2 | ✓ | ✓ | ✓ | ✗ | ✗ |



STEEL MODULAR LETTERING AND NUMBERING KIT FOR ORANGE PLATE MARKING

| VEHICLES | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|----------|------------|----------------|---------------|----------|-----------------|---|---|---|---|---|
| | 117 x 70 | NUM-KIT33-PMR | - | Acciaio | 1 kit da 33 pcs | ✓ | ✓ | ✓ | ✗ | ✗ |

SHIPMENT PHOTOGRAPHED AT DEPARTURE

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|--------------|-------------|---|---|---|---|---|
| PACKAGES | 120 x 100 | LAB-1334-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |

IBC CAPABLE OF BEING STACKED

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| PACKAGES | 110 x 110 | LAB-1238-PP | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

IBC NOT CAPABLE OF BEING STACKED

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| PACKAGES | 110 x 110 | LAB-1239-PP | B4 | PVC (5 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

SHUNT WITH CARE

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| PACKAGES | 74 x 105 | LAB-1217-PP | B4 | PVC (5 years) | Pack of 50 | ✗ | ✓ | ✗ | ✗ | ✗ |

LOOSE SHUNTING OR HUMP SHUNTING FORBIDDEN

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| VEHICLES | 74 x 105 | LAB-1218-PP | B4 | PVC (5 years) | Pack of 50 | ✗ | ✓ | ✗ | ✗ | ✗ |

UNIT UNDER FUMIGATION

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| CONTAINER VEHICLES | 400 x 300 | PAN-1240-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |

MARK FOR ELEVATED TEMPERATURE SUBSTANCES

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|---------------|------------|---|---|---|---|---|
| CONTAINER | 300 x 300 | PAN-1145-PP | D1 | PVC (5 years) | Pack of 12 | ✓ | ✓ | ✓ | ✓ | ✗ |
| | 300 x 300 | PAN-1145-SK | K1 | PVC (3 years) | Pack of 40 | ✓ | ✓ | ✓ | ✓ | ✗ |

PROTECT FROM THE FROST

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 80 x 105 | LAB-PB02-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 80 x 105 | LAB-PB02-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 80 x 105 | BOX-PB02-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

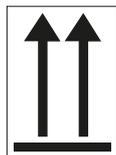
FRAGILE

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 220 x 70 | LAB-1151-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

FRAGILE

|  | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK |  |  |  |  |  |
|---|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 100 x 100 | LAB-1157-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

PACKAGE ORIENTATION BLACK



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 45 x 60 | LAB-1113-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 45 x 60 | LAB-1113-PE | A1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 82 x 113 | LAB-1112-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 82 x 113 | LAB-1112-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 82 x 113 | BOX-1112-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

PACKAGE ORIENTATION RED



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 43 x 59 | LAB-1115-PC | A1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 82 x 113 | LAB-1114-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

PACKAGE ORIENTATION RED



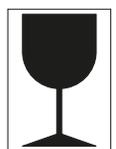
| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 43 x 58 | LAB-1147-PC | A1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |
| | 82 x 113 | LAB-1146-PC | B1 | Paper (2 years) | Pack of 50 | ✗ | ✗ | ✗ | ✗ | ✓ |

ALTO



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 220 x 70 | LAB-1152-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

FRAGILE BLACK

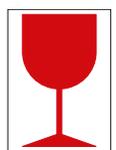


| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|-------------|---|---|---|---|---|
| PACKAGES | 82 x 113 | LAB-1154-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 82 x 113 | LAB-1154-ZPE | B1 | PE (2 years) | Roll of 500 | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 82 x 113 | BOX-1154-ZPE | RB1 | PE (2 years) | Box of 3000 | ✓ | ✓ | ✓ | ✓ | ✓ |

PACKAGE ORIENTATION, FRAGILE, KEEP DRY



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 230 x 120 | LAB-1150-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



FRAGILE RED

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 82 x 113 | LAB-1155-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



KEEP DRY

| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 96 x 113 | LAB-1660-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |

VETRO



| | SIZE mm | SERPAC CODE | PRICE LIST | MATERIAL | PACK | | | | | |
|----------|------------|----------------|---------------|-----------------|------------|---|---|---|---|---|
| PACKAGES | 220 x 70 | LAB-1153-PC | B1 | Paper (2 years) | Pack of 50 | ✓ | ✓ | ✓ | ✓ | ✓ |



LABELS AND MARKS IN THERMOWRAPPED PACKS FOR PACKAGES

| Price list column view the corresponding 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 | | Price Euro each | Quantity packs | | Price Euro each | Quantity packs | | Price Euro each | Quantity packs | | Price Euro each | Quantity packs | | Price Euro each* |
| | | from | to | | from | to | | from | to | | from | to | | from | to | |
| Total quantity | 1 pacco | | 50 | 0,20 | | 50 | 0,23 | | 50 | 0,24 | | 50 | 0,34 | | 50 | 0,44* |
| Total quantity | 2 packs | | 100 | 0,19 | | 100 | 0,21 | | 100 | 0,22 | | 100 | 0,32 | | 100 | 0,42* |
| Total quantity | 3 packs | | 150 | 0,18 | | 150 | 0,20 | | 150 | 0,21 | | 150 | 0,31 | | 150 | 0,41* |
| Total quantity | 4 packs | | 200 | 0,17 | | 200 | 0,19 | | 200 | 0,20 | | 200 | 0,30 | | 200 | 0,40* |
| Total quantity | 5 packs | | 250 | 0,16 | | 250 | 0,18 | | 250 | 0,19 | | 250 | 0,29 | | 250 | 0,39* |
| Total quantity | 6 packs | | 300 | 0,16 | | 300 | 0,17 | | 300 | 0,18 | | 300 | 0,28 | | 300 | 0,38* |
| Total quantity | 7 packs | | 350 | 0,16 | | 350 | 0,17 | | 350 | 0,18 | | 350 | 0,28 | | 350 | 0,38* |
| Total quantity | 8 packs | | 400 | 0,16 | | 400 | 0,17 | | 400 | 0,18 | | 400 | 0,28 | | 400 | 0,38* |
| Total quantity | 9 packs | | 450 | 0,16 | | 450 | 0,17 | | 450 | 0,18 | | 450 | 0,28 | | 450 | 0,38* |
| Total quantity from | 10 to 14 packs | 500 | 700 | 0,14 | 500 | 700 | 0,16 | 500 | 700 | 0,17 | 500 | 700 | 0,27 | 500 | 700 | 0,37* |
| Total quantity from | 15 to 19 packs | 750 | 950 | 0,13 | 750 | 950 | 0,15 | 750 | 950 | 0,16 | 750 | 950 | 0,26 | 750 | 950 | 0,36* |
| Total quantity from | 20 to 29 packs | 1000 | 1450 | 0,11 | 1000 | 1450 | 0,14 | 1000 | 1450 | 0,15 | 1000 | 1450 | 0,25 | 1000 | 1450 | 0,35* |
| Total quantity from | 30 to 39 packs | 1500 | 1950 | 0,10 | 1500 | 1950 | 0,13 | 1500 | 1950 | 0,15 | 1500 | 1950 | 0,24 | 1500 | 1950 | 0,34* |
| Total quantity from | 40 to 49 packs | 2000 | 2450 | 0,09 | 2000 | 2450 | 0,12 | 2000 | 2450 | 0,15 | 2000 | 2450 | 0,23 | 2000 | 2450 | 0,33* |
| Total quantity from | 50 to 59 packs | 2500 | 2950 | 0,08 | 2500 | 2950 | 0,11 | 2500 | 2950 | 0,15 | 2500 | 2950 | 0,22 | 2500 | 2950 | 0,32* |
| Total quantity from | 60 to 79 packs | 3000 | 3950 | 0,08 | 3000 | 3950 | 0,10 | 3000 | 3950 | 0,14 | 3000 | 3950 | 0,21 | 3000 | 3950 | 0,31* |
| Total quantity from | 80 to 99 packs | 4000 | 4950 | 0,08 | 4000 | 4950 | 0,09 | 4000 | 4950 | 0,13 | 4000 | 4950 | 0,20 | 4000 | 4950 | 0,30* |
| Total quantity from | 100 to 149 packs | 5000 | 7450 | 0,07 | 5000 | 7450 | 0,08 | 5000 | 7450 | 0,12 | 5000 | 7450 | 0,19 | 5000 | 7450 | 0,29* |
| Total quantity from | 150 to 200 packs | 7500 | 10000 | 0,06 | 7500 | 10000 | 0,07 | 7500 | 10000 | 0,11 | 7500 | 10000 | 0,18 | 7500 | 10000 | 0,28* |

* add euro 0.12 each only for class 5.2 (LAB-N521-PVC)

CALCULATION OF THE PRICE OF THE LABEL IN PACKS

Add up the amount of packs belonging to the same column (A1, B1, B2, B3, B4) as the yellow-colored part.

Example: purchase of 3 parcels of a class 2 label (column B1) plus purchase of 5 parcels of a class 3 label (column B1), use the price per label for "8 packs" (column B1, Euro 0.17). Only for columns B1 and B2 add up the quantity of parcels to define the reference row, but consider the different price in reference to column B1 and B2 (ex: purchase 7 packs of column B1 plus 3 packs of column B2 consider the row "10 packs").

EXAMPLE OF PRICING OF PRODUCTS THAT ARE PART OF:

Same column (example B1)

| | | | | | | |
|---|---|---|---|--|---|---|
| Quantity N° 300 labels Code LAB-T430-PC Col. B1 Price Euro 0,17 each | + | Quantity N° 200 labels Code LAB-T300-PC Col. B1 Price Euro 0,19 each | + | Quantity N° 50 labels Code LAB-3473-PC Col. B1 Price Euro 0,23 each | = | Total N° 550 labels Quantity N° 550 labels, list column B1 Price Euro 0,16 each |
|---|---|---|---|--|---|---|

Column B1 plus column B2

| | | | | | | |
|---|---|---|---|---|---|---|
| Quantity N° 450 labels Codice LAB-N610-PC Col. B1 Price Euro 0,17 each | + | Quantity N° 200 labels Code LAB-N410-PC Col. B1 Price Euro 0,19 each | + | Quantity N° 500 labels Code LAB-1229-PC Col. B2 Price Euro 0,17 each | = | Totale N° 1150 labels Quantity N° 650 labels, list column B1 Price Euro 0,14 each Quantity N° 500 labels, list column B2 Price Euro 0,15 each |
|---|---|---|---|---|---|---|

LABELS AND MARKS FOR PACKAGES IN THERMOWRAPPED ROLLS

POLYETHYLENE - PE

| Price list column view the corresponding 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 | |
| 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 packs | Price Euro each | Quantity packs | Price Euro each | Quantity packs | Price Euro each |
| Total quantity | 1 roll | 250 | 0,100 | 500 | 0,090 | 500 | 0,190 |
| Total quantity | 2 rolls | 500 | 0,090 | 1000 | 0,080 | 1000 | 0,180 |
| Total quantity | 3 rolls | 750 | 0,090 | 1500 | 0,070 | 1500 | 0,170 |
| Total quantity | 4 rolls | 1000 | 0,080 | 2000 | 0,060 | 2000 | 0,160 |
| Total quantity | 5 rolls | 1250 | 0,080 | 2500 | 0,060 | 2500 | 0,160 |
| Total quantity | 6 rolls | 1500 | 0,070 | 3000* | 0,050 | 3000 | 0,150 |
| Total quantity | 7 rolls | 1750 | 0,070 | 3500 | 0,048 | 3500 | 0,150 |
| Total quantity | 8 rolls | 2000 | 0,060 | 4000 | 0,046 | 4000 | 0,150 |
| Total quantity | 9 rolls | 2250 | 0,060 | 4500 | 0,044 | 4500 | 0,150 |
| Total quantity | 10 rolls | 2500 | 0,060 | 5000 | 0,042 | 5000 | 0,140 |
| Total quantity | 11 rolls | 2750 | 0,060 | 5500 | 0,042 | 5500 | 0,140 |
| Total quantity | 12 rolls | 3000 | 0,050 | 6000* | 0,040 | 6000 | 0,140 |
| Total quantity | 13 rolls | 3250 | 0,050 | 6500 | 0,039 | 6500 | 0,140 |
| Total quantity | 14 rolls | 3500 | 0,050 | 7000 | 0,038 | 7000 | 0,140 |
| Total quantity | 15 rolls | 3750 | 0,050 | 7500 | 0,037 | 7500 | 0,140 |
| Total quantity | 16 rolls | 4000 | 0,050 | 8000 | 0,036 | 8000 | 0,130 |
| Total quantity | 18 rolls | 4500 | 0,050 | 9000* | 0,035 | 9000 | 0,130 |
| Total quantity | 20 rolls | 5000 | 0,040 | 10000 | 0,033 | 10000 | 0,130 |
| Total quantity | 40 rolls | 10000 | 0,030 | 20000 | 0,030 | 20000 | 0,120 |

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

CALCULATION OF THE PRICE OF THE LABEL IN ROLLS

Add up the quantity of rolls that belong to the same column (A1, B1, B2, B3, B4) of the orange-colored part.

Example: purchase 3 rolls of a class 2 label (column B1) plus purchase 5 rolls of a class 3 label (column B1), use the price per label for 8 rolls (column B1, Euro 0,046). For columns B1 and B2 only, sum the quantity of rolls to define the reference row but consider the different price in reference to column B1 and B2 (ex: purchase 7 rolls of column B1 plus 3 rolls of column B2 consider row 10 rolls).

EXAMPLE OF PRICING OF PRODUCTS THAT ARE PART OF:

Same column (example B1)

| | | | | | | |
|---|---|--|---|---|---|---|
| Quantity N° 500 labels Code LAB-N300-ZPE Col. B1 Price Euro 0,90 each  | + | Quantity N° 500 labels Code LAB-N801-ZPE Col. B1 Price Euro 0,090 each  | + | Quantity N° 1000 labels Code LAB-6453-ZPE Col. B1 Price Euro 0,080 each  | = | Total N° 2000 labels Quantity N° 2000 labels, list column B1 Price Euro 0,06 each |
|---|---|--|---|---|---|---|

Column B1 plus column B2

| | | | | | | |
|---|---|---|---|--|---|--|
| Quantity N° 3000 labels Code LAB-N900-ZPE Col. B1 Price Euro 0,050 each  | + | Quantity N° 1500 labels Code LAB-4386-ZPE Col. B1 Price Euro 0,070 each  | + | Quantity N° 500 labels Code LAB-1144-ZPE Col. B2 Price Euro 0,110 each  | = | Totale N° 5000 etichette Quantity N° 4500 labels, list column B1 Price Euro 0,042 each Quantity N° 500 labels, list column B2 Price Euro 0,060 each |
|---|---|---|---|--|---|--|



LABELS AND MARKS FOR PACKAGES IN THERMOWRAPPED ROLLS IN BOXES

| POLYETHYLENE - PE | | | | |
|---|---|---|---|-----------------|
| Price list column | | RB1 | | |
| view the corresponding list column | | | | |
| 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. | |
| | | |  | |
| | TOTAL PURCHASE QUANTITY | | Quantity packs | Price Euro each |
| | Total quantity | 1 box | 3000 | 0,040 |
| | Total quantity | 2 boxes | 6000 | 0,035 |
| Total quantity | 3 boxes | 9000 | 0,030 | |
| Total quantity | 4 boxes | 12000 | 0,028 | |
| Total quantity | 6 boxes | 18000 | 0,026 | |
| Total quantity | 8 boxes | 24000 | 0,024 | |

HOW DEFINE THE PRICE OF THE LABEL IN ROLL IN BOXES

The price list is applicable to ready-to-ship boxes defined as follows:

- RB1 list column boxes are composed of 3000 labels of the same code;
- The boxes in the RB2 list column consist of 2000 labels of the same code.

Add up the amount of rolls that belong to the same column (RB1, RB2) as the orange-colored part.

Example: purchase of No. 3000 labels (6 rolls, 1 box) of a class 3 label (column RB1), plus No. 3000 labels (6 rolls, 1 box) Of a label of class 9 (column RB1), plus No. 3000 labels (6 rolls, 1 box) of the limited quantity brand (column RB1), use the price of the row of 3 boxes, Euro 0.030 (3 boxes of column RB1)

Example: purchase of No. 3000 labels (6 rolls, 1 box) of a class 3 label (column RB1), plus No. 3000 labels (6 rolls, 1 box) of the environmentally hazardous matter label (column RB1), plus No. 2000 labels (4 rolls, 1 box) of the waste R label (column RB2), use the price for 3 boxes Euro 0.030 for labels in column RB1 and Euro 0.050 for labels in column RB2.

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 5.2.2.1.7.



Easy to separate and secure

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

Always up-to-date technical specifications

Labels always up-to-date in every detail to current regulations: ADR, RID, ADN, IMDG, ICAO-TI/IATA

Material: Polyethylene PE

Printed with UV and weather exposure resistant coating.

Different options of purchase

Buy in bulk or in boxes of 3000 or 2000 pieces

Easy and secure tear-off

Zig-zag perforation to peel off the desired number of labels without ruining the next

EXAMPLE OF PRICING OF PRODUCTS THAT ARE PART OF:

Same column (example RB1)

| | | | | | | |
|---|---|---|---|---|---|---|
| <p>Quantity N° 3000 labels (6 rolls, 1 box) Code BOX-N300-ZPE Col. RB1 Price Euro 0,040 each</p>  | + | <p>Quantity N° 3000 labels (6 rolls, 1 box) Code BOX-N900-ZPE Col. RB1 Price Euro 0,040 each</p>  | + | <p>Quantità N° 3000 etichette (6 rolls, 1 box) Code BOX-6453-ZPE Col. RB1 Price Euro 0,040 each</p>  | = | <p>Total N° 3 boxes Quantity N° 9000 labels (in boxes of 3000 labels) list column RB1 Price Euro 0,030 each</p> |
|---|---|---|---|---|---|---|

Column RB1 plus column RB2

| | | | | | | |
|---|---|--|---|---|---|--|
| <p>Quantity N° 3000 labels (6 rolls, 1 box) Code BOX-N300-ZPE Col. RB1 Price Euro 0,040 each</p>  | + | <p>Quantity N° 3000 labels (6 rolls, 1 box) Code BOX-4386-ZPE Col. RB1 Price Euro 0,040 each.</p>  | + | <p>Quantity N° 2000 labels (4 rolls, 1 box) Code BOX-1144-ZPE Col. RB2 Price Euro 0,070 each.</p>  | = | <p>Total N° 3 boxes Quantity N° 6000 labels, list column RB1 Price Euro 0,030 each Quantity N° 2000 labels, list column RB2 Price Euro 0,050 each</p> |
|---|---|--|---|---|---|--|

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 <small>view the corresponding list column</small> | | C1 | | | C2 | | | D1 | | | D2 | | | E1 | | | |
| Examples of placards marks of the corresponding column: | | Numbers for orange plate marking | | | Orange plate marking 300 x 120 LTD QTY | | | Placards 25 x 25 cm Class 1, 2, 3, 4, 5... LIMITED QUANTITIES Marine Pollutant Mark | | | Placards 30 x 30 cm Class 1, 2, 3, 4, 5... Marine Pollutant Mark | | | Orange plate marking 400 x 300 | | | |
| PLACARDS / MARKS / ORANGE PLATE MARKINGS IN PACKS OF 12 PIECES | Code placard / panel | | PAN-.....-PP <small>packs of 12 pcs</small> | | | PAN-.....-PP <small>packs of 12 pcs</small> | | | PAN-.....-PP <small>packs of 12 pcs</small> | | | PAN-.....-PP3 <small>packs of 12 pcs</small> | | | PAN-.....-PP <small>packs of 12 pcs</small> | | |
| | | | | | | | | | | | | | | | | | |
| | TOTAL PURCHASE QUANTITY | | Quantity pieces | | Price Euro each | Quantity pieces | | Price Euro each | Quantity pieces | | Price Euro each | Quantity pieces | | Price Euro each | Quantity pieces | | Price Euro each |
| | | | from | to | | from | to | | from | to | | from | to | | from | to | |
| | Total quantity | 1 pack | | 12 | 1,50 | | 12 | 1,80 | | 12 | 2,80 | | 12 | 3,00 | | 12 | 3,20 |
| | Total quantity | 2 packs | | 24 | 1,40 | | 24 | 1,70 | | 24 | 2,50 | | 24 | 2,70 | | 24 | 2,90 |
| | Total quantity | 3 packs | | 36 | 1,30 | | 36 | 1,60 | | 36 | 2,20 | | 36 | 2,40 | | 36 | 2,60 |
| | Total quantity | 4 packs | | 48 | 1,20 | | 48 | 1,50 | | 48 | 2,10 | | 48 | 2,30 | | 48 | 2,50 |
| | Total quantity | 5 packs | | 60 | 1,10 | | 60 | 1,40 | | 60 | 2,00 | | 60 | 2,20 | | 60 | 2,40 |
| | Total quantity | 6 packs | | 72 | 1,00 | | 72 | 1,30 | | 72 | 1,90 | | 72 | 2,10 | | 72 | 2,30 |
| | Total quantity | 7 packs | | 84 | 1,00 | | 84 | 1,30 | | 84 | 1,80 | | 84 | 2,00 | | 84 | 2,20 |
| | Total quantity | 8 packs | | 96 | 1,00 | | 96 | 1,30 | | 96 | 1,70 | | 96 | 1,90 | | 96 | 2,10 |
| | Total quantity 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 |
| | Total quantity 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 |
| Total quantity 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 | |
| Total quantity 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 | |
| Total quantity 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 | |
| Total quantity 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 | |
| Total quantity 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 | |
| Total quantity 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 | |
| Total quantity 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 | |
| Total quantity 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 THE PRICE OF THE PLACARDS IN PACKS

Add up the amount of packs belonging to the same column (C1, C2, D1, D2, E1, E2) as the green-colored part.

Example: purchase of 5 packs of a class 3 placard (column D1) plus purchase of 5 packs of a class 8 placard (column D1), use the price per placard for 10 packs (column D1, Euro 1.50).

EXAMPLE OF PRICING OF PRODUCTS THAT ARE PART OF:

Same column (example D1)

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

Different columns

| | | | | | | |
|--|---|---|---|---|---|--|
| Quantity N° 120 placards, Code PAN-N900-PP Col. D1 Price Euro 1,50 each | + | Quantity N° 120 placards Code PAN-1183-PP Col. D1 Price Euro 1,50 each | + | Quantity N° 120 panels Code PAN-1159-PP Col. C2 Price Euro 1,10 each | = | Quantity N° 240 placards list column D1 Price Euro 1,40 each |
| | | | | | = | Quantity N° 120 panels list column C2 Price Euro 1,10 each |



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 | | | | | |
| view the corresponding list column | | | | | | | | | | | | | |
| Examples of placards marks of the corresponding column: | | Orange plate marking 300 x 120 | | Placards 25 x 25 cm Class 1, 2, 3, 4, 5... LIMITED QUANTITIES Marine Pollutant Mark | | Placards 30 x 30 cm Class 1, 2, 3, 4, 5... | | Orange plate marking 400 x 300 | | | | | |
| Code placard / panel | | PAN-.....-SK | | PAN-.....-SK | | PAN-.....-SK3 | | PAN-.....-SK | | | | | |
| | | packs of 40 pcs | | packs of 40 pcs | | packs of 40 pcs | | packs of 40 pcs | | | | | |
| | | | | | | | | | | | | | |
| TOTAL PURCHASE QUANTITY | | Quantity pieces | | Price Euro each | | Quantity pieces | | Price Euro each | | Quantity pieces | | | |
| | | da | a | | | da | a | | | da | a | | |
| Total quantity | 1 pack | | 40 | 0,95 | | 40 | 1,10 | | 40 | 1,25 | 40 | 1,60 | |
| Total quantity | 2 packs | | 80 | 0,86 | | 80 | 1,00 | | 80 | 1,14 | 80 | 1,48 | |
| Total quantity | 3 packs | | 120 | 0,77 | | 120 | 0,90 | | 120 | 1,03 | 120 | 1,36 | |
| Total quantity | 4 packs | | 160 | 0,73 | | 160 | 0,85 | | 160 | 0,97 | 160 | 1,29 | |
| Total quantity | 5 packs | | 200 | 0,69 | | 200 | 0,81 | | 200 | 0,93 | 200 | 1,23 | |
| Total quantity | 6 packs | | 240 | 0,68 | | 240 | 0,79 | | 240 | 0,90 | 240 | 1,19 | |
| Total quantity | 7 packs | | 280 | 0,66 | | 280 | 0,77 | | 280 | 0,88 | 280 | 1,16 | |
| Total quantity | 8 packs | | 320 | 0,65 | | 320 | 0,75 | | 320 | 0,85 | 320 | 1,13 | |
| Total quantity | 9 packs | | 360 | 0,63 | | 360 | 0,73 | | 360 | 0,83 | 360 | 1,10 | |
| Total quantity from | 10 a 14 packs | 400 | 560 | 0,61 | 400 | 560 | 0,70 | 400 | 560 | 0,79 | 400 | 560 | 1,06 |
| Total quantity from | 15 a 19 packs | 600 | 760 | 0,57 | 600 | 760 | 0,66 | 600 | 760 | 0,75 | 600 | 760 | 1,01 |
| Total quantity from | 20 a 24 packs | 800 | 960 | 0,54 | 800 | 960 | 0,63 | 800 | 960 | 0,72 | 800 | 960 | 0,97 |
| Total quantity from | 25 a 29 packs | 1000 | 1160 | 0,52 | 1000 | 1160 | 0,60 | 1000 | 1160 | 0,68 | 1000 | 1160 | 0,93 |
| Total quantity from | 30 a 39 packs | 1200 | 1560 | 0,47 | 1200 | 1560 | 0,55 | 1200 | 1560 | 0,63 | 1200 | 1560 | 0,87 |
| Total quantity from | 40 a 49 packs | 1600 | 1960 | 0,43 | 1600 | 1960 | 0,50 | 1600 | 1960 | 0,57 | 1600 | 1960 | 0,81 |
| Total quantity from | 50 a 74 packs | 2000 | 2960 | 0,41 | 2000 | 2960 | 0,48 | 2000 | 2960 | 0,55 | 2000 | 2960 | 0,78 |
| Total quantity from | 75 a 99 packs | 3000 | 3960 | 0,40 | 3000 | 3960 | 0,45 | 3000 | 3960 | 0,51 | 3000 | 3960 | 0,74 |
| Total quantity from | 100 a 124 packs | 4000 | 4960 | 0,39 | 4000 | 4960 | 0,44 | 4000 | 4960 | 0,50 | 4000 | 4960 | 0,72 |
| Total quantity from | 125 a 199 packs | 5000 | 7960 | 0,38 | 5000 | 7960 | 0,43 | 5000 | 7960 | 0,48 | 5000 | 7960 | 0,70 |
| Total quantity from | 200 a 249 packs | 8000 | 9960 | 0,37 | 8000 | 9960 | 0,42 | 8000 | 9960 | 0,47 | 8000 | 9960 | 0,68 |
| Total quantity from | 250 a 300 packs | 10000 | 12000 | 0,36 | 10000 | 12000 | 0,41 | 10000 | 12000 | 0,46 | 10000 | 12000 | 0,66 |

CALCULATION OF THE PRICE OF THE PLACARDS IN PACKS

Add up the amount of packs belonging to the same column (K1) as the green-colored part.

Example: purchase of 1 pack of a class 2.1 placard (column K1) plus purchase of 2 packs of a class 4.3 placard (column K1), plus purchase of 3 packs of a class 5.2 placard (column K1), use the price per placard for 6 packs (column K1, Euro 0.79).

EXAMPLE OF PRICING OF PRODUCTS THAT ARE PART OF:

Same column (example K1)

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

Different columns

| | | | | | | |
|---|---|---|---|--|---|---|
| Quantity N° 600 placards Code PAN-N220-SK Col. K1 Price Euro 0,66 each | + | Quantity N° 600 placards Code PAN-N900-SK Col. K1 Price Euro 0,66 each | + | Quantity N° 1200 panels Code PAN-T140-SK Col. H1 Price Euro 0,47 each | = | Quantity N° 1200 placards list column K1 Price Euro 0,55 each |
| | | | | | = | Quantity N° 1200 panels list column H1 Price Euro 0,47 each |

CUSTOM LABELS AND MARKS

IT ONLY TAKES A FEW SIMPLE STEPS



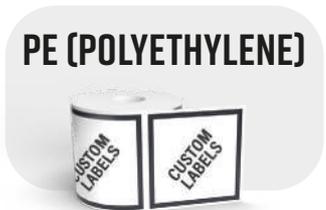
- Proper and compliant design (UN Model Regulation).
- Weatherproof.
- Resistant 3 months to immersion in seawater (IMDG).
- Easy to detach from the substrate
- Also for machine applications



1 IDENTIFY THE MODEL

| S1 | S2 | S3 | S4 |
|---|---|---|---|
|  |  |  |  |
|  |  |  |  |
| 100 x 120 mm Label + UN number | 100 x 130 mm Label + UN number + Proper Shipping Name + Net quantity | 300 x 150 mm Label / mark + UN number + Proper Shipping Name | 245 x 175 mm Etichetta + N° ONU + Proper Shipping Name, doppie frecce + sovrinballaggio / Overpack |

2 CHOOSE THE MATERIAL

| PAPER | PVC | PE (POLYETHYLENE) |
|---|--|---|
|  |  |  |

3 SPECIAL PROCESSING



- Labels for overprinting
- Labels in A4 sheets
- Labels with variable data

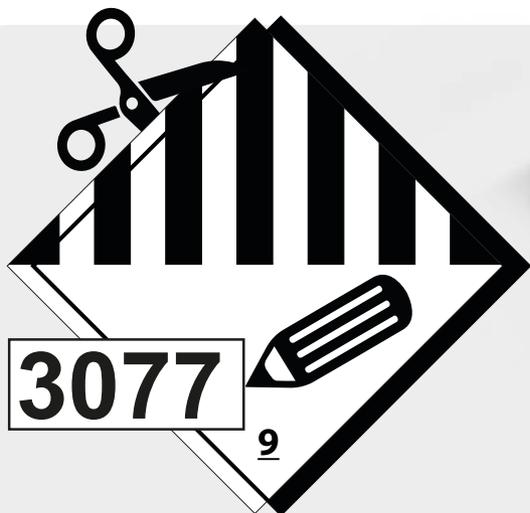
SEND YOUR REQUEST

write to
sales@serpac.it



CUSTOM PANELS AND PLACARDS

IDENTIFY THE MODEL, WE'LL TAKE CARE OF THE REST



- Proper and compliant design (UN Model Regulation).
- Weather resistant.
- Resistant 3 months to immersion in seawater (IMDG).
- Ideal for outdoor applications on containers and vehicles
- High initial and permanent adhesion

1

IDENTIFY THE MODEL



250 x 250 mm
Placard + UN number

P2



120 x 300 mm
UN number

T1*



300 x 400 mm
UN number + Kemler number

*T1 model can be used for transport by ADR road, RID rail and ADN inland waterways (5.3.2.2.1) only for containers carrying solid hazardous materials in bulk and for tank containers, CGEMs and portable tanks

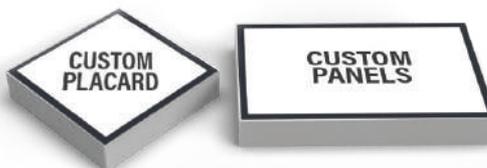
MADE IN PVC



Minimum order: 120 pieces

PACKAGE

- Heat-shrink packaging
- Independent placards and panels
- Facilitated detachment of the protective part of the adhesive backing



SEND YOUR REQUEST

write to
sales@serpac.it

GHS01 PICTOGRAM

|  | SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|--|------------|----------------|---------------|-------------------------------|----------|-------------------------------|
| | 55 x 55 | GHS-0001-PC | G1 | For package / inner packaging | Paper | Pack of 50 pieces |
| | 55 x 55 | GHS-0001-ZPE | G2 | For package / inner packaging | PE | Rolls of 500 pieces |
| | 50 x 50 | GHS-0001-F06 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 6 pieces |
| | 40 x 40 | GHS-0001-F12 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 12 pieces |
| | 30 x 30 | GHS-0001-F20 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 20 pieces |
| | 20 x 20 | GHS-0001-F40 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 40 pieces |

GHS02 PICTOGRAM

|  | SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|--|------------|----------------|---------------|-------------------------------|----------|-------------------------------|
| | 55 x 55 | GHS-0002-PC | G1 | For package / inner packaging | Paper | Pack of 50 pieces |
| | 55 x 55 | GHS-0002-ZPE | G2 | For package / inner packaging | PE | Rolls from 500 pieces |
| | 50 x 50 | GHS-0002-F06 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 6 pieces |
| | 40 x 40 | GHS-0002-F12 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 12 pieces |
| | 30 x 30 | GHS-0002-F20 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 20 pieces |
| | 20 x 20 | GHS-0002-F40 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 40 pieces |

GHS03 PICTOGRAM

|  | SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|---|------------|----------------|---------------|-------------------------------|----------|-------------------------------|
| | 55 x 55 | GHS-0003-PC | G1 | For package / inner packaging | Paper | Pack of 50 pezzi |
| | 55 x 55 | GHS-0003-ZPE | G2 | For package / inner packaging | PE | Rolls da 500 pieces |
| | 50 x 50 | GHS-0003-F06 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 6 pieces |
| | 40 x 40 | GHS-0003-F12 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 12 pieces |
| | 30 x 30 | GHS-0003-F20 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 20 pieces |
| | 20 x 20 | GHS-0003-F40 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 40 pieces |

GHS04 PICTOGRAM

|  | SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|--|------------|----------------|---------------|-------------------------------|----------|-------------------------------|
| | 55 x 55 | GHS-0004-PC | G1 | For package / inner packaging | Paper | Pack of 50 pieces |
| | 55 x 55 | GHS-0004-ZPE | G2 | For package / inner packaging | PE | Rolls da 500 pieces |
| | 50 x 50 | GHS-0004-F06 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 6 pieces |
| | 40 x 40 | GHS-0004-F12 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 12 pieces |
| | 30 x 30 | GHS-0004-F20 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 20 pieces |
| | 20 x 20 | GHS-0004-F40 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 40 pieces |

GHS05 PICTOGRAM

|  | SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|--|------------|----------------|---------------|-------------------------------|----------|-------------------------------|
| | 55 x 55 | GHS-0005-PC | G1 | For package / inner packaging | Paper | Pack of 50 pieces |
| | 55 x 55 | GHS-0005-ZPE | G2 | For package / inner packaging | PE | Rotoli da 500 pieces |
| | 50 x 50 | GHS-0005-F06 | G3 | For package / inner packaging | Paper | Pre-cut sheets from 6 pieces |
| | 40 x 40 | GHS-0005-F12 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 12 pieces |
| | 30 x 30 | GHS-0005-F20 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 20 pieces |
| | 20 x 20 | GHS-0005-F40 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 40 pieces |



GHS06 PICTOGRAM



| SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|---------|--------------|------------|-------------------------------|----------|-------------------------------|
| 55 x 55 | GHS-0006-PC | G1 | For package / inner packaging | Carta | Pack of 50 pieces |
| 55 x 55 | GHS-0006-ZPE | G2 | For package / inner packaging | PE | Rotoli da 500 pieces |
| 50 x 50 | GHS-0006-F06 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 6 pieces |
| 40 x 40 | GHS-0006-F12 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 12 pieces |
| 30 x 30 | GHS-0006-F20 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 20 pieces |
| 20 x 20 | GHS-0006-F40 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 40 pieces |

GHS07 PICTOGRAM



| SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|---------|--------------|------------|-------------------------------|----------|-------------------------------|
| 55 x 55 | GHS-0007-PC | G1 | For package / inner packaging | Carta | Pack of 50 pieces |
| 55 x 55 | GHS-0007-ZPE | G2 | For package / inner packaging | PE | Rotoli da 500 pieces |
| 50 x 50 | GHS-0007-F06 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 6 pieces |
| 40 x 40 | GHS-0007-F12 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 12 pieces |
| 30 x 30 | GHS-0007-F20 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 20 pieces |
| 20 x 20 | GHS-0007-F40 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 40 pieces |

GHS08 PICTOGRAM



| SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|---------|--------------|------------|-------------------------------|----------|-------------------------------|
| 55 x 55 | GHS-0008-PC | G1 | For package / inner packaging | Carta | Pack of 50 pieces |
| 55 x 55 | GHS-0008-ZPE | G2 | For package / inner packaging | PE | Rotoli da 500 pieces |
| 50 x 50 | GHS-0008-F06 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 6 pieces |
| 40 x 40 | GHS-0008-F12 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 12 pieces |
| 30 x 30 | GHS-0008-F20 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 20 pieces |
| 20 x 20 | GHS-0008-F40 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 40 pieces |

GHS09 PICTOGRAM



| SIZE mm | SERPAC CODE | PRICE LIST | DESCRIPTION | MATERIAL | PACK |
|---------|--------------|------------|-------------------------------|----------|-------------------------------|
| 55 x 55 | GHS-0009-PC | G1 | For package / inner packaging | Carta | Pack of 50 pieces |
| 55 x 55 | GHS-0009-ZPE | G2 | For package / inner packaging | PE | Rotoli da 500 pieces |
| 50 x 50 | GHS-0009-F06 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 6 pieces |
| 40 x 40 | GHS-0009-F12 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 12 pieces |
| 30 x 30 | GHS-0009-F20 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 20 pieces |
| 20 x 20 | GHS-0009-F40 | G3 | For package / inner packaging | Carta | Pre-cut sheets from 40 pieces |

PICTOGRAMS OR GHS HAZARD SYMBOLS?

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





| In packs of 50 pictograms | | | | In rolls of 500 pictograms | | | | In single sheets or packs of 50 sheets | | | |
|---------------------------|----------------|-----------|----------------|----------------------------|----------------|----------------|---------------------|---|--------------------|-----------|------------|
| Pictograms 55 x 55 mm | | | | Pictograms 55 x 55 mm | | | | Pictograms 20 x 20 mm in sheets of 40 labels Pictograms 30 x 30 mm in sheets of 20 labels Pictograms 40 x 40 mm in sheets of 12 labels Pictograms 50 x 50 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 | | Quantità pezzi | | Quantità pezzi | | Quantity packs | | Each | |
| N° total pictograms | N° total packs | pack Euro | pictogram Euro | N° total pictograms | N° total 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 | 1000 | 2 | 40,00 | 0,08 | single < 300* | | | 0,50 |
| 150 | 3 | 9,00 | 0,18 | 1500 | 3 | 35,00 | 0,07 | single < 500* | | | 0,40 |
| 200 | 4 | 8,50 | 0,17 | 2000 | 4 | 30,00 | 0,06 | 50 | 1 | 30,00 | 0,60 |
| 250 | 5 | 8,00 | 0,16 | 2500 | 5 | 30,00 | 0,06 | 100 | 2 | 25,00 | 0,50 |
| 300 | 6 | 8,00 | 0,16 | 3000 | 6 | 25,00 | 0,05 | 150 | 3 | 23,50 | 0,47 |
| 350 | 7 | 8,00 | 0,16 | 3500 | 7 | 25,00 | 0,05 | 200 | 4 | 22,00 | 0,44 |
| 400 | 8 | 8,00 | 0,16 | 4000 | 8 | 25,00 | 0,05 | 250 | 5 | 20,00 | 0,40 |
| 450 | 9 | 8,00 | 0,16 | 4500 | 9 | 25,00 | 0,05 | 300 | 6 | 18,00 | 0,36 |
| 500 | 10 | 7,00 | 0,14 | 5000 | 10 | 20,00 | 0,04 | 350 | 7 | 18,00 | 0,36 |
| 750 | 15 | 6,50 | 0,13 | 5500 | 11 | 20,00 | 0,04 | 400 | 8 | 17,50 | 0,35 |
| 1000 | 20 | 5,50 | 0,11 | 6000 | 12 | 20,00 | 0,04 | 450 | 9 | 17,50 | 0,35 |
| 1500 | 30 | 5,00 | 0,10 | 6500 | 13 | 20,00 | 0,04 | 500 | 10 | 17,00 | 0,34 |
| 2000 | 40 | 4,50 | 0,09 | 7000 | 14 | 15,00 | 0,03 | 600 | 12 | 16,50 | 0,33 |
| 2500 | 50 | 4,00 | 0,08 | 7500 | 15 | 15,00 | 0,03 | 700 | 14 | 16,00 | 0,32 |
| 3000 | 60 | 4,00 | 0,08 | 8000 | 16 | 15,00 | 0,03 | 800 | 16 | 15,50 | 0,31 |
| 4000 | 80 | 4,00 | 0,08 | 8500 | 17 | 15,00 | 0,03 | 900 | 18 | 15,00 | 0,30 |
| 5000 | 100 | 3,50 | 0,07 | 9000 | 18 | 15,00 | 0,03 | 1000 | 20 | 14,50 | 0,29 |
| 7500 | 150 | 3,00 | 0,06 | 10000 | 20 | 10,00 | 0,02 | 1500 | 30 | 13,50 | 0,27 |

* Minimum purchase of 5 sheets per model

PRICE CALCULATION OF THE LABEL

Add up the amount of packs / rolls / sheets purchased belonging to the same column (G1, G2 or G3).

Example: purchase 4 packs of a pictogram GHS-0002-PC plus purchase 6 packs of GHS-0008-PC, use the price of the 10-pack yellow column (Euro 0.14 each).

Example: purchase 50 sheets of a pictogram GHS-0002-F12 plus purchase 250 sheets GHS-0008-F12, use the price of the column 300 sheets of green color (Euro 0.36 each).

Price: VAT not included | Free transport for orders > Euro 150,00 + VAT.

Price list valid until 31st December 2024

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 | KEY |
|------------|------------|------------|------------|---|
| | | | | Labeling according to 67/548/CEE and 1999/45CE Regulations or 1272/2008 Regulations |
| | | | | Labeling according to 1272/2008 Regulations |



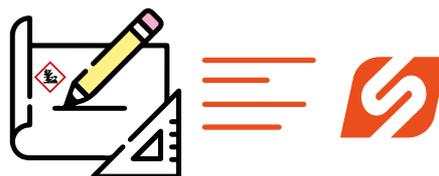
WE PRINT OUT THE CLP LABEL YOU NEED

IT ONLY TAKES A FEW SIMPLE STEPS

| | | | |
|-------------------------------|---|---|---|
| Product identifier | ACISOL | Serpac Srl Via Tiepolo 24, 20054 Segrate - Milano Tel. (+39) 02 218 71 585 / (+39) 02 455 06 456 | Name, address and telephone number of the supplier |
| Hazard Indications | <ul style="list-style-type: none"> Contains: Turpentine oil Easily flammable liquid and vapors Causes severe eye irritation May cause drowsiness or dizziness | | |
| Cautionary advice | <ul style="list-style-type: none"> Keep away from heat/sparks/open flames/heated surfaces - Do not smoke Keep container tightly closed Wear gloves/protective clothing/eye/face protection Take off all contaminated clothing immediately Conservare in luogo ben ventilato | | Warning |
| Additional information | <ul style="list-style-type: none"> Repeated exposure can cause dryness and cracking of the skin | WARNING | |
| Quantity | 10 Litres | | GHS Pictograms |

Substances or mixtures classified as hazardous to users as defined by the CLP regulation must have a label that includes several elements

1 SEND US A DRAFT WITH THE ELEMENTS THAT NEED TO BE PRESENT



2

CHOOSE THE MATERIAL

PAPER



PVC



PE (POLYETHYLENE)



3

SPECIAL PROCESSING



- Overprint labels
- A4 sheet labels
- Variable data labels

SEND YOUR REQUEST

write to sales@serpac.it



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.



The stainless steel support can be attached to trucks and containers with 4 screws, the size is correct to hold a 300 x 300 mm placard

ALUMINIUM FIXED PLACARDS

- Compliant with ADR, RID, ADN, IMDG
- Made of PVC on aluminum support
- Weather-resistant
- Resistant to an immersion of 3 months at sea, as required by the IMDG code

| PRICE LIST | SIZE mm | PIECES FOR PACK | PRICE EURO EACH | | | | | | |
|------------|-----------|-----------------|-----------------|-------|------|------|------|------|------|
| | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| M06 | 300 x 300 | 2 | 14,20 | 11,38 | 9,98 | 9,25 | 8,95 | 8,59 | 8,44 |

| SERPAC CODE | AVAILABLE PLACARDS |
|--------------|--------------------|
| PAN-N210-PPA | Class 2.1 |
| PAN-N220-PP | 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-I220-PPA | LQ |
| PAN-I183-PPA | EHS |

METAL FIXED ORANGE PLATE MARKING



- Compliant with ADR
- Retro-reflective
- 15-minute fire resistant
- Weather resistant

| SERPAC CODE | PRICE LIST | SIZE mm | PIECES FOR PACK | PRICE EURO EACH | | | | | | |
|--------------|------------|-----------|-----------------|-----------------|-------|-------|------|------|------|------|
| | | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| PAN-1142-PPA | M07 | 400 x 300 | 2 | 13,00 | 10,50 | 10,00 | 9,50 | 9,00 | 8,80 | 8,50 |



STEEL SUPPORTS FOR PLACARDS AND ORANGE PLATE MARKINGS

- Suitable for vehicles and container
- To be fixed with 4 screws
- Equipped with locking tab to secure placards and panels
- Never rust, 100% Stainless



| SERPAC CODE | PRICE LIST | SUPPORTED DIMENSIONS | PIECES FOR PACK | PRICE EURO EACH | | | | | | |
|---------------|------------|----------------------|-----------------|-----------------|-------|-------|-------|-------|-------|-------|
| | | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| SUPP-0001-PAZ | M10 | 300 x 300 mm | 2 | 26,12 | 22,13 | 19,98 | 18,98 | 18,18 | 18,60 | 17,45 |
| SUPP-0002-PAZ | M11 | 400 x 300 mm | 2 | 27,75 | 23,70 | 21,49 | 20,43 | 19,58 | 19,45 | 18,79 |



This folding model 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.



Very strong metal folding placards compliant with the transport of dangerous goods in ADR, RID, ADN, IMDG

METAL FOLDING PLACARDS

- Compliant with ADR, RID, ADN, IMDG
- Made of PVC on aluminum support
- Weather-resistant
- Resistant to an immersion of 3 months at sea, as required by the IMDG code

| PRICE LIST | SIZE mm | PIECES FOR PACK | PRICE EURO EACH | | | | | | |
|------------|-----------|-----------------|-----------------|-------|-------|-------|-------|-------|-------|
| | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| M02 | 300 x 300 | 2 | 32,70 | 30,00 | 28,65 | 28,20 | 26,98 | 26,87 | 25,81 |
| M03 | 400 x 400 | 2 | 38,85 | 36,04 | 34,63 | 33,07 | 32,76 | 31,57 | 31,42 |

| 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 |



STEEL FOLDING ORANGE PLATE MARKING

- Compliant with ADR
- 15-minute fire resistant
- Retro-reflective
- Weather resistant
- Never rust, 100% Stainless

| SERPAC CODE | PRICE LIST | SIZE mm | PRICE EURO EACH | | | | | | |
|--------------|------------|-----------|-----------------|-------|-------|-------|-------|-------|-------|
| | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| PAN-1140-PRC | M04 | 300 x 120 | 27,26 | 24,47 | 23,06 | 21,87 | 21,57 | 20,76 | 20,61 |
| PAN-1142-PRC | M05 | 400 x 300 | 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 137



The stainless steel support can be attached to trucks and containers with 4 screws. It is the correct size to hold a 300 x 300 mm placard



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.

3 mm PLASTIC MATERIAL FIXED PLACARDS

- Compliant with ADR, RID, ADN, IMDG
- Printed directly on plastic material
- Weather-resistant
- Resistant to an immersion of 3 months at sea, as required by the IMDG code

| PRICE LIST | SIZE mm | PIECES FOR PACK | PRICE EURO EACH | | | | | | |
|------------|-----------|-----------------|-----------------|-------|-------|-------|------|------|------|
| | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| P06 | 300 x 300 | 2 | 14,62 | 12,81 | 10,99 | 10,15 | 9,48 | 9,01 | 8,84 |

| 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 |



STEEL SUPPORTS FOR PLACARDS AND ORANGE PLATE MARKINGS

- Suitable for vehicles and container
- Equipped with locking tab to secure placards and panels
- Never rust, 100% Stainless
- To be fixed with 4 screws

| SERPAC CODE | PRICE LIST | SUPPORTED DIMENSIONS | PIECES FOR PACK | PRICE EURO EACH | | | | | | |
|---------------|------------|----------------------|-----------------|-----------------|-------|-------|-------|-------|-------|-------|
| | | | | 2 | 4 | 8 | 12 | 18 | 22 | 32 |
| SUPP-0001-PAZ | M10 | 300 x 300 mm | 2 | 26,12 | 22,13 | 19,98 | 18,98 | 18,18 | 18,60 | 17,45 |
| SUPP-0002-PAZ | M11 | 400 x 300 mm | 2 | 27,75 | 23,70 | 21,49 | 20,43 | 19,58 | 19,45 | 18,79 |

INSTRUCTIONS IN WRITING ADR

In full color, as model required ADR | In different languages



See page. 134



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.

FIREPROOF STEEL ORANGE PLATE MARKING

- Compliant with ADR
- Retro-reflective
- 15-minute fire resistant
- Weather resistant
- UN number embossed on the panel.

| PRICE LIST | SIZE mm | PIECES FOR PACK | PRICE EURO EACH | | | | |
|------------|-----------|-----------------|-----------------|-------|-------|-------|-------|
| | | | 2 | 4 | 8 | 10 | 20 |
| M12 | 400 x 300 | 2 | 25,49 | 21,53 | 17,77 | 16,76 | 17,53 |

| 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 |



Environmentally Hazardous Substances (liquids)



Environmentally Hazardous Substances (solid)



Flammable liquids



GPL



Gasoline



Diesel

COMPOSABLE ORANGE PLATE MARKING + KIT OF NUMBERS AND LETTERS



- Composable orange plate marking available in a pack of 2 pieces
- Letters and numbers in packs of 33 pieces
- Made of stainless steel
- The orange plate marking can be fixed on vehicles and containers via support
- 15-minute fire resistant

| SERPAC CODE | PRICE LIST | SIZE mm | PRICE EURO EACH | | | | |
|---------------|------------|-----------|-----------------|-------|-------|-------|-------|
| | | | 1 | 2 | 5 | 10 | 20 |
| PAN-B1142-PMR | - | 400 x 300 | 46,25 | 41,25 | 35,10 | 30,63 | 28,81 |
| NUM-KIT33-PMR | - | 118 x 70 | 62,04 | 49,96 | 42,51 | 40,08 | 37,92 |

NAIL SEALS WITH A UNIQUE CODE

Customizable, ISO 17712:2010 compliant



Visit our website!

DOCUMENTS FOR SHIPPING DANGEROUS GOODS



INDEX

Shipper's Declaration for Dangerous Goods

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Instructions in writing ADR 2025

Page 144



Multimodal Dangerous Goods Form

Page 143



Instructions in writing RID 2023

Page 144



Imo Dangerous Goods Declaration

Page 143



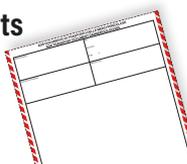
Document holders for fibreboard boxes

Page 145



Documentation for shipments ADR / RID / ADN

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Document holders for wooden boxes

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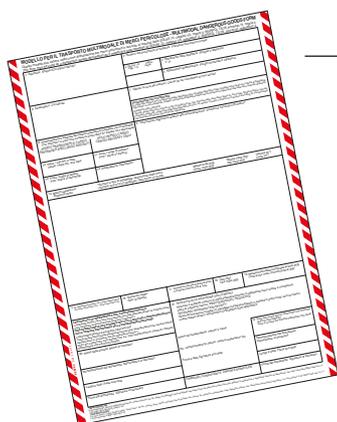
SHIPPER'S DECLARATION FOR DANGEROUS GOODS

| | | | | |
|-----|-----|-----|------|------|
| | | | | |
| ADR | RID | ADN | IMDG | IATA |
| X | X | X | X | ✓ |

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 | PIECES FOR PACK | PRICE EURO PER DOCUMENT | | | |
|-------------|-------------|----------|-----------------|-------------------------|------|------|------|
| | | | | 50 | 100 | 150 | 200 |
| SDG-2101-PC | Any PC* | English | 50 | 0,23 | 0,21 | 0,20 | 0,19 |
| SDG-2102-PC | Managing SW | English | 50 | 0,23 | 0,21 | 0,20 | 0,19 |

* For filling in the correct spaces request the free file



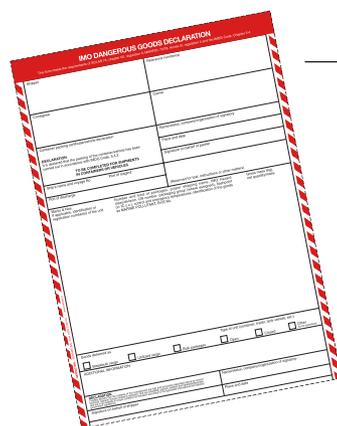
MULTIMODAL DANGEROUS GOODS FORM

| | | | | |
|-----|-----|-----|------|------|
| | | | | |
| ADR | RID | ADN | IMDG | IATA |
| ✓ | ✓ | ✓ | ✓ | X |

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 | PIECES FOR PACK | PRICE EURO PER DOCUMENT | | | |
|---------------|------------|-----------|-----------------|-------------------------|------|------|------|
| | | | | 50 | 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 |

** With full red bands * For filling in the correct spaces request the free file



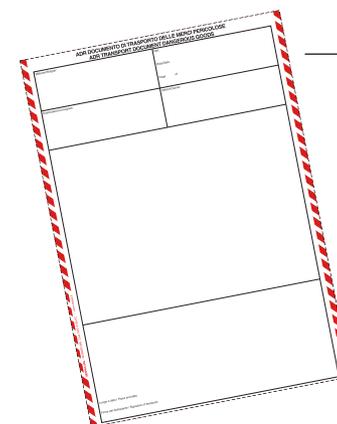
IMO DANGEROUS GOODS DECLARATION

| | | | | |
|-----|-----|-----|------|------|
| | | | | |
| ADR | RID | ADN | IMDG | IATA |
| X | X | X | ✓ | X |

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 | PIECES FOR PACK | PRICE EURO PER DOCUMENT | | | |
|-------------|------------|----------|-----------------|-------------------------|------|------|------|
| | | | | 50 | 100 | 150 | 200 |
| IDG-2105-PC | Any PC* | English | 50 | 0,23 | 0,21 | 0,20 | 0,19 |

* For filling in the correct spaces request the free file



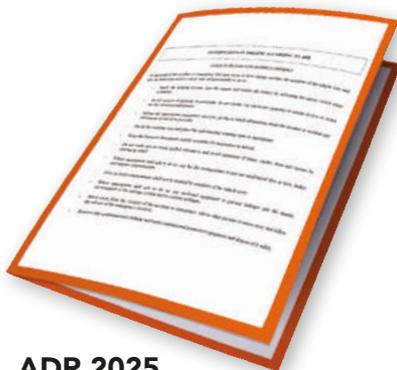
TRANSPORT DOCUMENTS ADR / RID / ADN

| | | | | |
|-----|-----|-----|------|------|
| | | | | |
| ADR | RID | ADN | IMDG | IATA |
| ✓ | ✓ | ✓ | X | X |

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 | PIECES FOR PACK | PRICE EURO PER DOCUMENT | | | |
|-------------|------------|----------|-----------------|-------------------------|------|------|------|
| | | | | 50 | 100 | 150 | 200 |
| DOC-2106-PC | Any PC* | English | 50 | 0,23 | 0,21 | 0,20 | 0,19 |

* For filling in the correct spaces request the free file



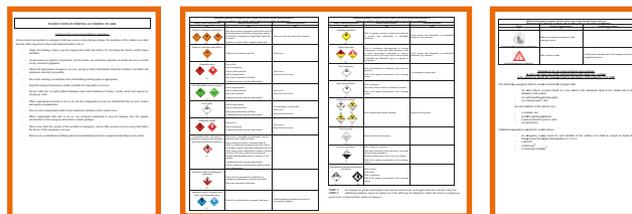
INSTRUCTIONS IN WRITING ADR 2025

- ADR 2025 instructions in color, as requested in ADR
- 10 pieces pack
- N° 2 languages in heavy coated paper: Italian and German
- Other languages in heavy non-coated paper



ADR 2025

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 2025 INSTRUCTIONS IN WRITING PRICE LIST

| N° packs | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 40 | 50 | 100 |
|------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|
| N° pieces | 10 | 20 | 30 | 40 | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 1000 |
| Price Euro each | 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. amount 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 |



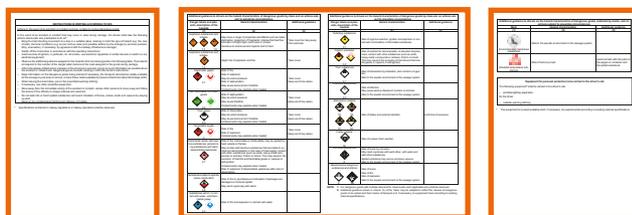
INSTRUCTIONS IN WRITING RID 2025

- RID 2025 instructions in color, as requested in RID
- 10 pieces pack
- N° 5 languages: Italian, English, French, German and Spanish, in heavy non-coated paper



RID 2025

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 **written 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 2025 INSTRUCTIONS IN WRITING PRICE LIST

| N° packs | 1 | 2 | 3 | 4 | 5 | 10 | 15 | 20 | 30 | 40 | 50 | 100 |
|------------------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|---------|
| N° pieces | 10 | 20 | 30 | 40 | 50 | 100 | 150 | 200 | 300 | 400 | 500 | 1000 |
| Price Euro each | 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. amount 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 POLYETHYLENE DOCUMENT HOLDER BAGS



BST-A005-NT



BST-A003-NT

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.

| SERPAC CODE | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | PIECES FOR PACK | PRICE EURO PER PACK | | | |
|-------------|---------------------|---------------------|-----------------|---------------------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 4 |
| BST-A005-NT | 235 x 125 | 220 x 110 | 1000 | 55,00 | 48,00 | 44,00 | 41,00 |
| BST-A003-NT | 235 x 175 | 260 x 160 | 1000 | 71,00 | 66,00 | 62,00 | 61,00 |



DOCUMENT HOLDER PLATES



PL-001-NT



PL-002-NT



PL-003-NT

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.

| SERPAC CODE | OUTER DIMENSIONS mm | INNER DIMENSIONS mm | PIECES FOR PACK | PRICE EURO PER PACK | | | |
|-------------|---------------------|---------------------|-----------------|---------------------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 5 |
| PL-001-NT | 245 x 195 | 220 x 170 | 50 | 52,80 | 49,80 | 47,80 | 47,80 |
| PL-002-NT | 245 x 195 | 220 x 170 | 50 | 55,80 | 52,80 | 50,80 | 50,80 |
| PL-003-NT | 245 x 195 | 220 x 170 | 50 | 52,80 | 49,80 | 47,80 | 47,80 |



PRODUCTS FOR CARRIERS



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ADR bags

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ADR BAGS ARE NOT ALL THE SAME

As prescribed in section 8.1.5 of ADR, each unit destined for the carriage of dangerous goods must be **equipped with appropriate general and personal protective equipment**. That equipment must be determined in relation to the hazards presented by the goods transported on the basis of the label model(s) associated with them.



| TRANSPORT IN LIMITED QUANTITIES | TRANSPORT EXEMPTION 1.1.3.6 | TRANSPORTATION UNDER FULL REGULATION |
|---------------------------------|-----------------------------|--------------------------------------|
| Adr bag recommended | Adr bag recommended | Adr bag required |

| CONTENTS OF THE ADR BAG (example for information) | | LABELS | | | | | | | | | | | | | | | | | |
|--|-------------------------|----------------------|-----------|-----|---|-----|-----|-----|-----|-----|-----|-----|----------------|---|---|----|---|---|---|
| | | 1 1.4 1.5 1.6 | 2.1 2.2 | 2.3 | 3 | 4.1 | 4.2 | 4.3 | 5.1 | 5.2 | 6.1 | 6.2 | 7A, 7B, 7C, 7E | 8 | 9 | 9A | | | |
| | | | | | | | | | | | | | | | | | | | |
| An appropriately sized wheel chock | FOR EACH TRANSPORT UNIT | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Self-standing warning signs | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Eye rinsing liquid | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| A shovel | | | | | | ● | ● | | ● | | | | | | | | ● | ● | |
| Drain blocker | | | | | | ● | ● | | ● | | | | | | | | ● | ● | |
| Collecting container | | | | | | ● | ● | | ● | | | | | | | | ● | ● | |
| Warning vest | | FOR EACH CREW MEMBER | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Atex torch | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Protective gloves | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Protective goggles | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| Emergency escape mask | | | | | | ● | | | | | | | | ● | | | | | |



EMPTY ADR BAG

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

Contenuto: Empty

| TYPE | SERPAC CODE | OUTER DIMENSIONS mm | PRICE EURO EACH | | | | |
|------|---------------|---------------------|-----------------|-------|-------|-------|-------|
| | | | 1 | 2 | 3 | 5 | 10 |
| BOO | BORSA-DOO-ADR | 520 x 320 x 470h | 47,70 | 40,20 | 34,70 | 33,30 | 27,26 |

ADR BAG B01


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.

Content: n° 2 self-standing warning signs, eye rinsing liquid, shovel, drain seal, collecting container, warning vest, ATEX torch, n° 2 AA batteries, 1 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 | 520 x 320 x 470h | 355,80 | 333,30 | 320,20 | 310,90 | 288,75 |

ADR BAG 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.

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

| TYPE | SERPAC CODE | OUTER DIMENSIONS mm | PRICE EURO EACH | | | | |
|------|--------------|---------------------|-----------------|--------|--------|--------|--------|
| | | | 1 | 2 | 3 | 5 | 10 |
| B02 | BORSA-02-ADR | 520 x 320 x 470h | 165,09 | 148,09 | 140,09 | 136,19 | 125,14 |

ADR BAG 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.

Content: n° 2 self-standing warning signs, eye rinsing liquid, warning vest, portable lighting ATEX, n° 2 AA batteries, pair of protective gloves, eye protection.

| TYPE | SERPAC CODE | OUTER DIMENSIONS mm | PRICE EURO EACH | | | | |
|------|--------------|---------------------|-----------------|--------|--------|--------|--------|
| | | | 1 | 2 | 3 | 5 | 10 |
| B03 | BORSA-03-ADR | 520 x 320 x 470h | 169,09 | 152,09 | 144,09 | 139,19 | 129,14 |

ADR BAG 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.

Content: N° 2 self-standing warning signs, eye rinsing liquid, warning vest, portable lighting ATEX, n° 2 AA batteries, 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 | 520 x 320 x 470h | 210,31 | 191,71 | 182,63 | 177,32 | 164,29 |

ADR BAG 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.

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

| TYPE | SERPAC CODE | OUTER DIMENSIONS mm | PRICE EURO EACH | | | | |
|------|--------------|---------------------|-----------------|--------|--------|--------|--------|
| | | | 1 | 2 | 3 | 5 | 10 |
| B05 | BORSA-05-ADR | 520 x 320 x 470h | 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 | COMPLIANT EN ISO 20471 | 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 EACH | | | | |
|-------------|------|---------------------------|-----------------|-------|-------|-------|-------|
| | | | 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, 1, 2 ZONE 20, 21, 22

EX-5380-SB



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.

EX-6180-SB



| SERPAC CODE | LUMEN | LIGHTING RANGE | BATTERIE (ESCLUSE) | PRICE EURO EACH | | | | |
|-------------|--------|----------------|--------------------|-----------------|-------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 5 | 10 |
| EX-5380-SB | 112 lm | 81 m | N° 2 type AA | 48,55 | 41,10 | 37,65 | 34,10 | 30,85 |
| EX-6180-SB | 60 lm | 61 m | N° 2 type D | 50,60 | 43,05 | 39,60 | 35,90 | 32,55 |

ATEX LED TORCH ZONA 1 E 2 ZONA 21, 22



ATEX-certified explosion-proof headlamp with LED bulb, compliant for use in potentially explosive atmosphere environments categorized as zone 1 and 2 and as zone 21 and 22. Suitable for hands-free lighting.

| SERPAC CODE | LUMEN | PORTATA LUCE | BATTERIES (INCLUDED) | PRICE EURO EACH | | | | |
|-------------|-----------|--------------|----------------------|-----------------|-------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 5 | 10 |
| EX-2780-SB | 135>45 lm | 62 m | Rech. Lithium | 88,82 | 80,32 | 75,87 | 70,27 | 64,97 |

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-02-ADR | One | Yes | 11,42 | 7,82 | 6,57 | 5,40 | 4,67 |

EMERGENCY MASKS WITH SUITABLE FILTERS



Evacuation masks, complete with filter, easy to clean and sanitize.
Made of materials that do not cause allergies or irritation.
All the personal equipment we provide complies with ADR requirements.

| SERPAC CODE | SIZE | FILTER TYPE | MATERIAL | 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 | DIMENSION cm | WEIGHT | MATERIAL | PRICE EURO EACH | | | | |
|-------------|--------------|--------|----------|-----------------|-------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 5 | 10 |
| SEG-01-ADR | 27 x 27 x 5h | 2,5 kg | 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. Product compliant with vehicle equipment required by ADR.

| SERPAC CODE | DIMENSION cm | BOTTLE ml | PRICE EURO EACH | | | | |
|-------------|--------------|-----------|-----------------|------|------|------|------|
| | | | 1 | 2 | 3 | 5 | 10 |
| LIQ-01-ADR | 6 x 27,5 h | 500 | 13,35 | 9,71 | 8,39 | 7,16 | 6,36 |

NON-SPARKLING SHOVEL



Easily foldable non-sparking shovel with articulated joint and self-lubricating pins and joint. Easy foldable. Fully made of nylon with 30% glass fiber, it features a locking plunger with surface grip. Product compliant with the vehicle equipment required by ADR.

| SERPAC CODE | DIMENSION (OPEN) cm | DIMENSION (FOLDED) cm | PACK OF | PRICE EURO EACH | | | | |
|-------------|---------------------|-----------------------|---------|-----------------|-------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 5 | 10 |
| BAD-N001-SB | 99 x 23 | 50 x 23 | 1 | 31,00 | 25,98 | 23,48 | 20,48 | 17,48 |



SERPAC DRAIN SEAL

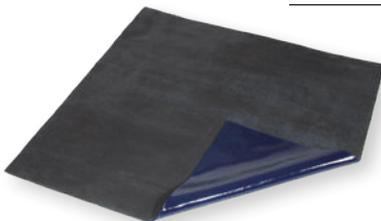


Choose a drain blocker at least 8 cm bigger than the drain you want to cover.

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.

| SERPAC CODE | DIMENSION cm | REUSABLE | PRICE EURO EACH | | | | |
|-------------|--------------|----------|-----------------|--------|--------|--------|--------|
| | | | 1 | 2 | 3 | 5 | 10 |
| ST46X46S10A | 46 x 46 x 1 | Yes | 134,65 | 110,72 | 102,28 | 97,12 | 91,33 |
| ST61X61S10A | 61 x 61 x 1 | Yes | 197,19 | 180,08 | 168,32 | 161,95 | 150,42 |
| ST76X76S10A | 76 x 76 x 1 | Yes | 286,20 | 266,85 | 252,88 | 244,20 | 232,29 |
| ST91X91S10A | 91 x 91 x 1 | Yes | 375,16 | 353,72 | 342,07 | 327,26 | 312,98 |

CARRIAGEABLE ADR DRAIN SEAL



Choose a drain blocker at least 8 cm bigger than the drain you want to cover.

The true ADR drain seal cover, non-sanctionable. Thoroughly seals drains and withstands the weight of vehicles without breaking. Ideal for semi-permanent protection of drains in the presence of liquid transfers, washing and other activities that may give rise to leaks and spills. It complies with the requirements of the ADR.

| SERPAC CODE | DIMENSION cm | REUSABLE | PRICE EURO EACH | | | | |
|-------------|--------------|----------|-------------------|---|---|---|----|
| | | | 1 | 2 | 3 | 5 | 10 |
| VER-PLR900 | 46 x 46 | Yes | Request the price | | | | |
| VER-PLR901 | 61 x 61 | Yes | Request the price | | | | |
| VER-PLR902 | 76 x 76 | Yes | Request the price | | | | |
| VER-PLR903 | 91 x 91 | Yes | Request the price | | | | |

WHEEL CHOCK APPROPRIATELY SIZED



Ideal for vehicles up to 35 q. Made of PCV, it is lightweight, durable and equipped with a convenient handle that allows it to be easily moved to the correct position.

| SERPAC CODE | DIMENSION cm | VEHICLE WEIGHT q | MATERIAL | PRICE EURO EACH | | | | |
|-------------|---------------|------------------|----------|-----------------|-------|-------|-------|-------|
| | | | | 1 | 2 | 3 | 5 | 10 |
| CEP-035-ADR | 34 x 16 x 19h | ≤ 35 | PVC | 38,10 | 29,48 | 26,21 | 23,58 | 22,67 |

COLLECTION RECEPTACLE



Strong and durable collection receptacle. Made of PE, it has an airtight seal that is activated by the push-on lid. It is also fitted with slots for guarantee seal. Product compliant with the vehicle equipment required by ADR.

| SERPAC CODE | DIMENSION cm | CAPACITY L | MATERIAL | PRICE EURO EACH | | | | |
|-------------|--------------|------------|--------------|-----------------|-------|-------|-------|------|
| | | | | 1 | 2 | 3 | 5 | 10 |
| REC-01-ADR | 22 x 26h | 10 | Polyethylene | 21,80 | 16,04 | 12,74 | 10,09 | 8,16 |



ANTI-SLIP MAT 0,8μ

Anti-slip mats essential for securing cargo and immobilizing goods in case of hard braking. Ideal for increasing the frictional force between the cargo and the base of the vehicle.

| SERPAC CODE | MAT DIMENSION | FRICTION COEFFICIENT | PRICE EURO EACH | | | |
|-------------|---------------|----------------------|-----------------|-------|-------|-------|
| | | | 2 | 4 | 6 | 18 |
| TAP-015-AS4 | 15 cm x 5 m | 0,8 μ | 24,85 | 20,57 | 17,46 | 14,39 |

CARGO LASHING BELT WITH RATCHET AND HOOK



Cargo lashing straps consisting of 2 parts: one with strap, ratchet and hook, and one with strap and hook only. Ideal for preventing goods from moving. Also excellent for transporting large loads. Compliant with EN 12195-1:2010 standard. Customizable color and length.

| SERPAC CODE | BELT DIMENSION | COLOR | LC | STF | PRICE EURO EACH | | | |
|-------------|----------------|--------|----------|---------|-----------------|-------|-------|-------|
| | | | | | 1 | 2 | 5 | 10 |
| CFC-S090-A | 50 mm x 9 m | Orange | 2500 daN | 350 daN | 21,14 | 17,79 | 14,18 | 14,25 |
| CFC-35S40-V | 35 mm x 4 m | Green | 1000 daN | 200 daN | 11,60 | 8,70 | 6,99 | 6,70 |
| CFC-25S40-B | 25 mm x 4 m | Blue | 400 daN | 150 daN | 9,35 | 6,52 | 4,89 | 4,59 |

CARGO LASHING BELT WITH ERGONOMIC RATCHET AND HOOK



Mandatory for transport in Germany, Spain and European transports where it is required, these belts have reverse tensioning from top to bottom and an ergonomic long-lever ratchet that facilitates the operator when securing loads. Customizable color and length.

| SERPAC CODE | BELT DIMENSION | COLOR | LC | STF | PRICE EURO EACH | | | |
|--------------|----------------|-------|----------|---------|-----------------|-------|-------|-------|
| | | | | | 1 | 2 | 5 | 10 |
| CFCER-S090-B | 50 mm x 9 m | Blue | 2500 daN | 500 daN | 22,18 | 18,90 | 15,80 | 15,48 |

LOAD SECURING

Example of practical application for a load of 1600 kg



Load weight: 1600 kg



$1600 \times 80\% = 1280$ kg

INERTIA FORCE IN CASE OF BRAKING

When braking, an inertia force equal to 80% of the weight of the load is generated (standard EN 12195-1:2010)

FOR PROPER LOAD SECURING THE TOTAL FRICTION FORCE MUST BE > OF THE INERTIA FORCE WHEN BRAKING

Without any system of lashing

Natural friction force **320 kg**
(20% of load weight)

With 1 belt STF 350 daN

Natural friction force **320 kg** +
Belt friction force **140 kg**

TOTAL **460 kg**

Belt friction force calculation
 $(350 + 350) \times 20\% \times 1 = 140$

STF belt | n° belt
friction force

With anti-slip mat 0,8μ

Friction force mat **1280 kg**

Mat friction force calculation
 $1600 \times 0,8 = 1280$

load weight | mat coefficient of friction

With 1 belt STF 350 daN and an anti-slip mat 0,8μ

Belt friction force **140 kg** +
Mat friction force **1280 kg**

TOTAL **1420 kg**

This example is a summary representation with the sole purpose of illustrating that straps alone are often not sufficient to ensure safe load securing. To make the exact calculations, we always suggest relying on a consultant and applying the correct protocols outlined in current regulations regarding load securing.

INFLATABLE CARGO AIRBAGS, CONTAINER AIRBAGS



INFLATABLE DUNNAGE BAGS CONTAINER AIRBAGS

Designed to secure loads during transport, these inflatable bags/airbags must be inserted into the empty spaces between goods/pallets and filled with compressed air. This secures the load during transport and prevents accidental movement.

| SERPAC CODE | BAG DIMENSION | AAR | PACK OF | PRESSURE | | PRICE EURO EACH | | | |
|-------------|---------------|---------|---------|-------------------|------------------|-----------------|---------|---------|---------|
| | | | | PRESSURE | BURSTING | 1 pack | 2 packs | 3 packs | 4 packs |
| ONP0912 | 90 x 120h cm | Level 1 | 50 | 0,2 bar / 2,9 psi | 0,55 bar / 8 psi | 4,14 | 4,07 | 3,85 | |
| ONP0918 | 90 x 180h cm | Level 1 | 40 | 0,2 bar / 2,9 psi | 0,55 bar / 8 psi | 5,69 | 5,58 | 5,29 | |
| ONP1221 | 120 x 210h cm | Level 1 | 25 | 0,2 bar / 2,9 psi | 0,55 bar / 8 psi | 9,54 | 8,94 | 8,55 | 8,32 |

INFLATABLE DUNNAGE BAGS BULK



| SERPAC CODE | BAG DIMENSION | AAR | BULK OF | PRESSURE | | PRICE EURO EACH | |
|--------------|---------------|---------|---------|-------------------|------------------|-----------------|---------|
| | | | | PRESSURE | BURSTING | 1 bulk | 2 bulks |
| ONP0912-BPLT | 90 x 120h cm | Level 1 | 1000 | 0,2 bar / 2,9 psi | 0,55 bar / 8 psi | 2,62 | 2,58 |
| ONP0918-BPLT | 90 x 180h cm | Level 1 | 800 | 0,2 bar / 2,9 psi | 0,55 bar / 8 psi | 3,15 | 3,10 |

AIR PISTOL FOR INFLATABLE BAGS



Compressed air gun for dunnage bags/airbags with ergonomic handle and rapid inflation system. For optimal inflation, insert the empty airbag between the two loads and inflate it with compressed air. Also available in a portable battery version (AIRBEAST).

| CODICE SERPAC | SUITABLE FOR AAR SACKS | CHARACTERISTICS | PRICE EURO EACH | | | |
|---------------|------------------------|---|-----------------|--------|--------|--------|
| | | | 1 | 3 | 5 | 10 |
| PROAIR | Level 0 and 1 | To be attached to a compressed air socket | 76,00 | 66,50 | 63,00 | 59,00 |
| AIRBEAST | Level 0 and 1 | With portable battery | 810,00 | 790,00 | 745,00 | 745,00 |

WHEEL NUT INDICATORS

NO MORE LOST WHEELS

Loose wheels can be very dangerous not only for those driving the vehicle, but for all people and vehicles in the immediate vicinity. **Checkpoint, Dustite and Dustite LR** are prevention and visual safety devices that easily and clearly indicate the loosening of nuts in the wheels of transport vehicles. **Easy to install and control**, they reduce maintenance time and costs, providing cost savings and safety.



CHECKPOINT

Other sizes available upon request

Checkpoint is a visual safety device for simple rear axles and twin axles, without a nut cover ring. Its use makes it possible to detect the loosening and overheating of nuts in transport wheels.



| SERPAC CODE | NUT DIMENSION | MELTING TEMPERATURE | PACK OF | MATERIAL | PRICE EURO EACH | | |
|-------------|---------------|---------------------|------------|----------------------|-----------------|------|------|
| | | | | | 100 | 200 | 300 |
| CKP-30 | 30 mm | 125°C | 100 pieces | High-quality polymer | 0,58 | 0,54 | 0,55 |
| CKP-32 | 32 mm | 125°C | 100 pieces | High-quality polymer | 0,58 | 0,54 | 0,55 |
| CKP-33 | 33 mm | 125°C | 100 pieces | High-quality polymer | 0,58 | 0,54 | 0,55 |

DUSTITE

Other sizes available upon request

Dustite is a visual safety device for front and rear axles lacking nut cover ring. It indicates loosening and overheating of the nut area and at the same time protects the fasteners from harmful external agents.



| SERPAC CODE | NUT DIMENSION | MELTING TEMPERATURE | PACK OF | MATERIAL | PRICE EURO EACH | | |
|-------------|---------------|---------------------|-----------|----------------------|-----------------|------|------|
| | | | | | 50 | 100 | 200 |
| DSE-30 | 30 mm | 125°C | 50 pieces | High-quality polymer | 1,28 | 1,20 | 1,18 |
| DSE-33 | 33 mm | 125°C | 50 pieces | High-quality polymer | 1,28 | 1,20 | 1,18 |

DUSTITE LR

Other sizes available upon request

Dustite LR is a visual safety device for front axles having nut covers. It indicates loosening and overheating of the nut area while protecting the fasteners from harmful external agents.



| SERPAC CODE | NUT DIMENSION | MELTING TEMPERATURE | PACK OF | MATERIAL | PRICE EURO EACH | | |
|-------------|---------------|---------------------|-----------|----------------------|-----------------|------|------|
| | | | | | 50 | 100 | 200 |
| DSE-LR-30 | 30 mm | 125°C | 50 pieces | High-quality polymer | 1,28 | 1,20 | 1,18 |
| DSE-LR-32 | 32 mm | 125°C | 50 pieces | High-quality polymer | 1,28 | 1,20 | 1,18 |
| DSE-LR-33 | 33 mm | 125°C | 50 pieces | High-quality polymer | 1,28 | 1,20 | 1,18 |



LOAD LIFTING PRODUCTS

Lifting slings are one of the most widely used accessories for load handling. Unlike round ropes, they are made with two loops at the end sewn as double-layer belts. Lifting sling can be used in construction, transportation, shipbuilding, trucking and many other work areas.



LIFTING SLING CMU 1000 kg



| SERPAC CODE | LENGTH | WIDTH | COLOR | CMU (Max. load use) | SF (Safety factor) | PRICE EURO EACH | | | |
|-------------|--------|-------|--------|---------------------|--------------------|-----------------|-------|-------|-------|
| | | | | | | 1 | 2 | 5 | 10 |
| FWS-2000V | 2 m | 30 mm | Purple | 1000 kg | 7:1 | 7,45 | 6,46 | 5,46 | 4,66 |
| FWS-5000V | 5 m | 30 mm | Purple | 1000 kg | 7:1 | 11,05 | 10,05 | 8,95 | 8,15 |
| FWS-8000V | 8 m | 30 mm | Purple | 1000 kg | 7:1 | 15,05 | 14,08 | 12,85 | 12,05 |
| FWS-10000V | 10 m | 30 mm | Purple | 1000 kg | 7:1 | 18,92 | 17,93 | 16,58 | 15,78 |

LIFTING SLING CMU 2000 kg

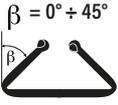
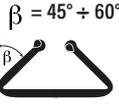


| SERPAC CODE | LENGTH | WIDTH | COLOR | CMU (Max. load use) | SF (Safety factor) | PRICE EURO EACH | | | |
|-------------|--------|-------|-------|---------------------|--------------------|-----------------|-------|-------|-------|
| | | | | | | 1 | 2 | 5 | 10 |
| FWS-2000G | 2 m | 60 mm | Green | 2000 kg | 7:1 | 9,89 | 8,93 | 7,88 | 7,11 |
| FWS-5000G | 5 m | 60 mm | Green | 2000 kg | 7:1 | 16,45 | 15,48 | 14,22 | 13,44 |
| FWS-8000G | 8 m | 60 mm | Green | 2000 kg | 7:1 | 22,50 | 21,15 | 19,82 | 19,04 |
| FWS-10000G | 10 m | 60 mm | Green | 2000 kg | 7:1 | 25,90 | 24,95 | 23,40 | 22,62 |

LIFTING SLING CMU 3000 kg



| SERPAC CODE | LENGTH | WIDTH | COLOR | CMU (Max. load use) | SF (Safety factor) | PRICE EURO EACH | | | |
|-------------|--------|-------|--------|---------------------|--------------------|-----------------|-------|-------|-------|
| | | | | | | 1 | 2 | 5 | 10 |
| FWS-2000Y | 2 m | 90 mm | Yellow | 3000 kg | 7:1 | 11,49 | 10,56 | 9,47 | 8,72 |
| FWS-5000Y | 5 m | 90 mm | Yellow | 3000 kg | 7:1 | 21,63 | 20,70 | 19,28 | 18,53 |
| FWS-8000Y | 8 m | 90 mm | Yellow | 3000 kg | 7:1 | 34,32 | 33,39 | 31,57 | 30,82 |
| FWS-10000Y | 10 m | 90 mm | Yellow | 3000 kg | 7:1 | 36,46 | 35,53 | 33,64 | 32,89 |

| |  |  |  |  $\beta = 0^\circ + 45^\circ$ |  $\beta = 45^\circ + 60^\circ$ |
|--|---|---|---|--|---|
| 30  | 1t | 0,8 t | 2t | 1,4 t | 1t |
| 60  | 2t | 1,6 t | 4t | 2,8 t | 2t |
| 90  | 3t | 2,4 t | 6t | 4,2 t | 3t |



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ALL OUR SUPPORT

In **Serpac** you will find a team of **experts** ready to advise and support you in choosing the most correct and suitable products for your specific needs. Let our **DGSA and DG specialists** advise you to find the correct item to ship your dangerous goods in compliance with ADR, RID, ADN, IMDG and ICAO-TI / IATA reference regulations.



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