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CATALOG 4G PYROBOXES

OCTOBER 2026



 **PyroBoxes**
PACKAGINGS APPROVED TO SHIP
DIFFERENT FIREWORKS AND IGNITERS

LET THE SHOW BEGIN!

UN-CERTIFIED PACKAGING SOLUTIONS



F O R D I F F E R E N T F I R E W O R K S

THE MORE YOU SHIP, THE MORE YOU RISK

Hidden risks evaluation is a key aspect that must be taken seriously. Here are some suggestions for you to consider if you are really shipping safely.



HIGH RISKS, HEFTY FINES

Checks and sanctions can put your company or the company buying the packaging at risk



ALWAYS CHECK THE UN-CERTIFICATE



- Is not expired and remains valid
- It must cover all modes of transport ADR, RID, ADN, IMDG and ICAO-TI / IATA
- Allows the use of your specific inner packaging. Corresponds to your actual packaging configuration and intended use

THE MANUFACTURER MUST ALWAYS



- Be the same as the one named on the test report
- Have the necessary knowledge of dangerous goods and the related responsibilities
- Be aware of and comply with annual updates
- Guarantee a 5-year traceability
- Go through production controls



DON'T RISK, SHIP SAFELY

We produce and certify UN 4G customized packaging, designed around your needs and fully compliant with applicable regulations

SHIP SAFE AND SOUND

WE TAKE CARE OF THE COMPLIANCE REQUIREMENTS

- Our certifications do not expire
- Are valid for all modes of transport ADR, RID, ADN, IMDG and ICAO-TI / IATA
- Are specifically tailored to your packaging and regulatory requirement needs



OUR PACKAGING IS PRODUCED

- Always in compliance with applicable laws and regulations
- Always up to date with graphics amended when required by legislation
- Performing yearly checks at our expense
- Guaranteeing 5-year traceability





TEST REPORT

WHAT MUST A VALID TEST REPORT CONTAIN?

Don't risk blowing up your fireworks show.

The certification on your box is not enough

to guarantee your goods will reach their destination.

The test report is the fundamental document proving the packaging suitability. Other than the basic information required, here are the further details that it should contain.

BELGISCH VERPAKKINGSINSTITUUT Besloten Vennootschap		INSTITUT BELGE DE L'EMBALLAGE Société Privée à Responsabilité Limitée	
Report N° G-20.134 - p. 6 / 27			
1	Tests on fibreboard boxes (4G), to obtain the authorization for the transport of dangerous goods by ADR, RID, ADN, IMDG, ICAO-TI / IATA.		
Content:			
Different types of <i>cylindrical shells</i> UN0333, UN0334, UN0335, UN0336 or UN0337. The empty space in the box must be filled up with a suitable filling material.			
	- Tape closing model of the box:	'U'	4
a)	134 x cylindrical shell of calibre 60 mm		
	- Diameter x length:	± 60 x 60 mm	
	- Gross weight:	± 170 g	
	- Gross total test weight:	22.8 kg	
	Gross mass of the tested sample :	23.9 kg	
	Gross mass of the final package :	24.9 kg	
b)	24 x cylindrical shell of calibre 100 mm		
	- Diameter x length:	± 100 x 200 mm	
	- Gross weight:	± 1290 g	
	- Gross total test weight:	30.9 kg	5
	Gross mass of the tested sample :	32 kg	
	Gross mass of the final package :	32 kg	
c)	4 x cylindrical shell of calibre 200 mm		
	- Diameter x length:	± 200 x 185 mm	
	- Gross weight:	± 5029 g	
	- Gross total test weight:	20.1 kg	
	Gross mass of the tested sample :	21.2 kg	
	Gross mass of the final package :	22.1 kg	
6	d) Mixture of cylindrical shells from calibre 60 to calibre 200 mm		
This content was not tested but can be considered as positive, following the performed tests. The maximum gross weight of the box must not exceed the maximum gross weight of the box tested with the heaviest content (2b).			
7			
8			

1 SHIPMENT MODALITY AND VALIDITY

The shipment modality approved for the packaging must be written on the test report. A reputable Certification Body shall approve packaging for all transport modalities.

2 CERTIFYING BODY OFFICIAL NAME

The test report must be printed on the Certifying Body's letterhead.

3 TYPE OF CONTENT AND UN NUMBER

During checks, most inspectors will look for a product description and UN numbers inside the test report (i.e. *Cylindrical shells*).

4 SEALING SYSTEMS

The correct sealing system with which the packaging was certified must be written on the test report.

5 MAXIMUM WEIGHT AND QTY ALLOWED

The test report must state the **maximum weight and quantity** for each tested and approved content. A lower weight and/or quantity, for the same content, is permitted.

6 CONTENT MIX

Different tested contents may be placed in the same packaging only if the test report explicitly allows it.

7 PICTURES OF FIREWORKS

The test report should include pictures of the actual configuration tested, showing the performance of the test packaging and supporting inspectors in verifying the packaging's compliance.

8 PICTURE OF THE OUTER PACKAGING

The pictures help inspectors verify the packaging is the same as the tested prototype.

VISUAL GUIDE

CHOOSING THE RIGHT PACKAGING

Choosing the right packaging is the first step for the shipment of every kind of dangerous good. When dealing with explosives, and particularly with fireworks, **extra attention is essential**. Knowing the box dimensions and certified weight is not enough to determine whether the box is suitable for your shipment. Follow our guide.

START FROM HERE TO CHECK IF AND WHICH PYROBOX IS CORRECT FOR YOUR CONTENT

Check the content it was certified with

**CONTACT US
TO FIND OUT
HOW TO SHIP**

NO

Is your
product one
of these?

YES

Check whether your inner packaging
has a specified **calibre range**.
If it's not indicated, you should
not follow this parameter.

Does your
product's calibre
fit within a
specified range
(if indicated)?

NO

**CONTACT US
TO FIND OUT
HOW TO SHIP**

We have certified
our **Pyroboxes** for all
applicable UN numbers.
Here is a summary.



YES

The box is suitable,
remember to check the max
weight allowance and sealing
system before shipping.



SERPAC CODE	4G-FW010-NT (neutral print)
OUTER DIMENSIONS	400 x 300 x 470h mm
INNER DIMENSIONS	380 x 280 x 440h mm
WEIGHT OF A SINGLE BOX	1,167 kg
UN-APPROVAL	4G (fibreboard box)
UN-CERTIFICATION MARK	④ 4G/Y32/S/* - B/SERPAC**-200172
CONTENT	Fireworks/ Black powder



APPROVED FOR

Spherical shell
Cylindrical shell
Single shot (Shot tube)
Batteries (Cakes) / combination
Igniters

CALIBER

MIN	MAX
65	250
60	200
30	60
-	-
-	-

MAX GROSS WEIGHT	TAPE	CLOSING SYSTEM	WIDTH	SYSTEM
24.5 kg	PP36		50 mm	U
32.0 kg	PP36		50 mm	U
26.8 kg	PP36		50 mm	U
16.5 kg	PP36		50 mm	U
12.9 kg	PP36		50 mm	U
32.0 kg	PP36		50 mm	U

FIREWORKS

(Spherical shell, cylindrical shell, shot tube, batteries (Cakes) / combination, mix, other fireworks)

UN0333
1.1 G Class

UN0334
1.2 G Class

UN0335
1.3 G Class

UN0336
1.4 G

UN0337
1.4 S Class

IGNITERS

UN0121
1.1 G Class

UN0314
1.2 G Class

UN0315
1.3 G Class

UN0325
1.4 G Class

UN0454
1.4 S Class

BLACK POWDER

UN0027
1.1 D Class

UN0028
1.1 D Class

///

///

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Our packaging is UN-certified for all transport modes, in accordance with the applicable regulations. Before shipping, always check that the UN number is permitted for the selected mode of transport.



PyroBoxes
PACKAGINGS APPROVED TO SHIP
DIFFERENT FIREWORKS AND IGNITERS

PYROBOXES, THE PERFECT SOLUTION FOR YOUR SHIPMENTS OF



FIREWORKS

UN0333, UN0334, UN0335,
UN0336, UN0337



IGNITERS

UN0121, UN0314, UN0315,
UN0325, UN0454



BLACK POWDER

UN0027, UN0028

DETAILS FOR PURCHASE

TYPE	SERPAC CODE	UN APPROVALS*	DIMENSIONS		QUANTITY P. PACKAGE N°	PACKAGE FORMAT mm	QUANTITY PER PALLET N°	PALLET FORMAT mm
			INNER mm	OUTER mm				
FW010	4G-FW010-NT	4G/Y32/S	380 x 280 x 440h	400 x 300 x 470h	15	750 x 700 x 210h	195	1400 x 800 x 1200h
FW020	4G-FW020-NT	4G/Y39.3/S	580 x 380 x 275h	600 x 400 x 305h	15	1000 x 700 x 210h	320	1400 x 1000 x 1300h
FW030	4G-FW030-NT	4G/Y64.8/S	580 x 380 x 420h	600 x 400 x 450h	15	1000 x 850 x 210h	345	1700 x 1000 x 1300h
FW040	4G-FW040-NT	4G/Y28/S	765 x 225 x 230h	780 x 240 x 260h	15	1050 x 500 x 210h	180	1200 x 950 x 1300h
FW050	4G-FW050-NT	4G/Y45.4/S	780 x 580 x 260h	800 x 600 x 290h	10	1400 x 900 x 140h	193	1400 x 900 x 1250h
FW060	4G-FW060-NT	4G/Y28.4/S	1040 x 245 x 190h	1060 x 260 x 220h	15	1350 x 500 x 210h	218	1350 x 1000 x 1200h

* ADR / RID - IMDG 6.1.3 - IATA 6.0.4.2



**CAN'T FIND THE RIGHT BOX?
WE PRODUCE IT AND WE CERTIFY IT!**



Thanks to our certified in-house laboratory, we can study, certify and produce
the most suitable packaging for your needs.

CONTACT US FOR MORE INFORMATION



SERPAC CODE	4G-FW010-NT (neutral print)
OUTER DIMENSIONS	400 x 300 x 470h mm
INNER DIMENSIONS	380 x 280 x 440h mm
WEIGHT OF A SINGLE BOX	1.167 kg
UN-APPROVAL	4G (fibreboard box)
UN-CERTIFICATION MARK	4G/Y32/S/* - B/SERPAC.**-200172
CONTENT	Fireworks / Black powder

8 units per stack
on pallet 1200 x 800 mm

APPROVED FOR	CALIBER		MAX GROSS WEIGHT	CLOSING SYSTEM		
	MIN	MAX		TAPE	WIDTH	SYSTEM
Spherical shell	65	250	24.5 kg	PP36	50 mm	U
Cylindrical shell	60	200	32.0 kg	PP36	50 mm	U
Single shot (Shot tube)	30	60	26.8 kg	PP36	50 mm	U
Batteries (Cakes) / combination	-	-	16.5 kg	PP36	50 mm	U
Igniters	-	-	12.9 kg	PP36	50 mm	U
Fireworks	-	-	32.0 kg	PP36	50 mm	U
Other fireworks	-	-	27.4 kg	PP36	50 mm	U
Black powder	-	-	32.0 kg	PP36	50 mm	U

BUNDLED BOXES FOR SALE

Quantity of boxes per parcel	N° 15
Parcel format	750 x 700 x 210 h
Parcel weight	17 kg

PALLET BOXES FOR SALE

Pallet format	1400 x 800 x 1200h
Pallet weight	195 kg
Quantity of boxes per pallet	N° 150

LABELS FOR SHIPPING**FIREWORKS**

LAB-0333-ZPP



LAB-0334-ZPP



LAB-0335-ZPP



LAB-0336-ZPP



LAB-0337-ZPP

500 pcs roll / Material PP



LAB-1143-ZPP

BLACK POWDER

LAB-0027-ZPP



LAB-0028-ZPP

IGNITERS

LAB-0121-ZPP



LAB-0314-ZPP



LAB-0315-ZPP



LAB-0325-ZPP



LAB-0454-ZPP

500 pcs roll / Material PP



LAB-1143-ZPP

500 pcs roll / Material PP



LAB-1143-ZPP

ALL OUR LABELS COMPLY WITH THE STANDARDS REQUIRED BY THE REGULATIONS



ALWAYS CHECK THE TEST REPORT TO CONFIRM WHICH EXPLOSIVES AND WHICH KIND OF TAPE / CLOSURE THE BOX IS APPROVED FOR.

SEALING SYSTEM

Tape width 50 mm	cod. T50A-102-PP
Tape width 50 mm	cod. T50T-102-PP
Tape width 75 mm	cod. T75A-102-PP

**SYSTEM****TAPE****PP36**



* Year of production of packaging box ** 412 or 2151

4G FW020



SERPAC CODE	4G-FW020-NT (neutral print)
OUTER DIMENSIONS	mm 600 x 400 x 305h
INNER DIMENSIONS	mm 580 x 380 x 275h
WEIGHT OF A SINGLE BOX	1.711 kg
UN-APPROVAL	4G (fibreboard box)
UN-CERTIFICATION MARK	4G/Y39.3/S/* - B/SERPAC.**-200173
CONTENT	Fireworks

4 units per stack
on pallet 1200 x 800 mm



APPROVED FOR	CALIBER		MAX GROSS WEIGHT	CLOSING SYSTEM		
	MIN	MAX		TAPE	WIDTH	SYSTEM
Spherical shell	65	250	38.1 kg	PP36	50 mm	2 U
Cylindrical shell	60	200	39.0 kg	PP36	50 mm	2 U
Single shot (Shot tube)	30	60	33.2 kg	PP36	50 mm	2 U
Batteries (Cakes) / combination	-	-	23.8 kg	PP36	50 mm	U
Igniters	-	-	20.1 kg	PP36	50 mm	U
Fireworks	-	-	39.0 kg	PP36	50 mm	2 U
Other fireworks	-	-	39.3 kg	PP36	50 mm	U

SHIP SAFE THINK SERPAC!

BUNDLED BOXES FOR SALE

Quantity of boxes per parcel	N° 15
Parcel format	1000 x 700 x 210 h
Parcel weight	25.5 kg

PALLET BOXES FOR SALE

Pallet format	1400 x 1000 x 1300h
Pallet weight	320 kg
Quantity of boxes per pallet	N° 180

LABELS FOR SHIPPING

FIREWORKS



LAB-0333-ZPP



LAB-0334-ZPP



LAB-0335-ZPP



LAB-0336-ZPP



LAB-0337-ZPP



LAB-1143-ZPP

500 pcs roll / Material PP



IGNITERS



UN0121
IGNITERS

LAB-0121-ZPP



UN0314
IGNITERS

LAB-0314-ZPP



UN0315
IGNITERS

LAB-0315-ZPP



UN0325
IGNITERS

LAB-0325-ZPP



UN0454
IGNITERS

LAB-0454-ZPP



LAB-1143-ZPP

500 pcs roll / Material PP



ALL OUR LABELS COMPLY
WITH THE STANDARDS
REQUIRED BY THE REGULATIONS

SEALING SYSTEM

Tape width 50 mm	cod. T50A-102-PP
Tape width 50 mm	cod. T50T-102-PP
Tape width 75 mm	cod. T75A-102-PP



SYSTEM

U



SYSTEM

2U



TAPE

PP36



SERPAC CODE	4G-FW030-NT (neutral print)
OUTER DIMENSIONS	mm 600 x 400 x 450h
INNER DIMENSIONS	mm 580 x 380 x 420h
WEIGHT OF A SINGLE BOX	1.893 kg
UN-APPROVAL	4G (fibreboard box)
UN-CERTIFICATION MARK	4G/Y64.8/S/* - B/SERPAC.**-200174
CONTENT	Fireworks

4 units per stack
on pallet 1200 x 800 mm

APPROVED FOR	CALIBER		MAX GROSS WEIGHT	CLOSING SYSTEM		
	MIN	MAX		TAPE	WIDTH	SYSTEM
Spherical shell	65	400	57.7 kg	PP36	50 mm	3 U
Cylindrical shell	60	200	64.8 kg	PP36	50 mm	2 U
Single shot (Shot tube)	30	60	45.4 kg	PP36	50 mm	3 U
Batteries (Cakes) / combination	-	-	33.5 kg	PP36	50 mm	U
Igniters	-	-	27.0 kg	PP36	50 mm	U
Fireworks	-	-	64.8 kg	PP36	50 mm	3 U
Other fireworks	-	-	51.8 kg	PP36	50 mm	2 U

BUNDLED BOXES FOR SALE

Quantity of boxes per parcel	N° 15
Parcel format	1000 x 850 x 168 h
Parcel weight	22.8 kg

PALLET BOXES FOR SALE

Pallet format	1650 x 1000 x 1300h
Pallet weight	345 kg
Quantity of boxes per pallet	N° 168

LABELS FOR SHIPPING**FIREWORKS**

500 pcs roll / Material PP



LAB-0333-ZPP



LAB-0334-ZPP



LAB-0335-ZPP



LAB-0336-ZPP



LAB-0337-ZPP



LAB-1143-ZPP

**IGNITERS**

500 pcs roll / Material PP



LAB-0121-ZPP



LAB-0314-ZPP



LAB-0315-ZPP



LAB-0325-ZPP



LAB-0454-ZPP



LAB-1143-ZPP

ALL OUR LABELS COMPLY
WITH THE STANDARDS
REQUIRED BY THE REGULATIONS**SEALING SYSTEM**

Tape width 50 mm	cod. T50A-102-PP
Tape width 50 mm	cod. T50T-102-PP
Tape width 75 mm	cod. T75A-102-PP



SYSTEM

U



SYSTEM

2U



SYSTEM

3U



TAPE

PP36



4G FW040

* Year of production of packaging box ** 412 o 2151

	SERPAC CODE	4G-FW040-NT (neutral print)	5 units per stack on pallet 1200 x 800 mm 
	OUTER DIMENSIONS	mm 780 x 240 x 260h	
	INNER DIMENSIONS	mm 765 x 225 x 230h	
	WEIGHT OF A SINGLE BOX	1.045 kg	
	UN-APPROVAL	4G (fibreboard box)	
	UN-CERTIFICATION MARK	4G/Y28/S/* - B/SERPAC.**-200175	
	CONTENT	Fireworks	

APPROVED FOR	CALIBER		MAX GROSS WEIGHT	CLOSING SYSTEM		
	MIN	MAX		TAPE	WIDTH	SYSTEM
Roman candles	20	30	28 kg	PP36	50 mm	2U + 4L

SHIP SAFE THINK SERPAC! 

BUNDLED BOXES FOR SALE		PALLET BOXES FOR SALE	
Quantity of boxes per parcel	N° 10	Pallet format	1200 x 950 x 1300h
Parcel format	1050 x 500 x 140 h	Pallet weight	197 kg
Parcel weight	10.45 kg	Quantity of boxes per pallet	N° 170

LABELS FOR SHIPPING

FIREWORKS







LAB-0333-ZPP LAB-0334-ZPP LAB-0335-ZPP LAB-0336-ZPP LAB-0337-ZPP LAB-1143-ZPP

500 pcs roll / Material PP



ALL OUR LABELS COMPLY WITH THE STANDARDS REQUIRED BY THE REGULATIONS

SEALING SYSTEM

Tape width 50 mm	cod. T50A-102-PP		SYSTEM 2U + 4L	 TAPE PP36
Tape width 50 mm	cod. T50T-102-PP			
Tape width 75 mm	cod. T75A-102-PP			



IN ORDER TO BE COMPLIANT WITH APPLICABLE REGULATIONS, THE UN-CERTIFIED PACKAGING MUST ALWAYS BE PRODUCED IN THE SAME FACTORY AND, MORE PRECISELY, WITH THE SAME MACHINES AND PRODUCTION LINE THAT WERE CERTIFIED DURING TESTS.



SERPAC®
FOR DANGEROUS GOODS
www.serpac.it/en/

- OUR PACKAGING IS ALWAYS PRODUCED IN COMPLIANCE WITH APPLICABLE REGULATIONS
- OUR CERTIFICATIONS DO NOT EXPIRE AND ARE VALID FOR ALL TRANSPORT MODES: ADR, RID, ADN, IMDG AND ICAO-T1 / IATA



SERPAC CODE	4G-FW050-NT (neutral print)
OUTER DIMENSIONS	800 x 600 x 290h mm
INNER DIMENSIONS	780 x 580 x 260h mm
WEIGHT OF A SINGLE BOX	2.230 kg
UN-APPROVAL	4G (fibreboard box)
UN-CERTIFICATION MARK	4G/Y45.4/S/* - B/SERPAC.**-200176
CONTENT	Fireworks

2 units per stack
on pallet 1200 x 800 mm



APPROVED FOR	CALIBER		MAX GROSS WEIGHT	CLOSING SYSTEM		
	MIN	MAX		TAPE	WIDTH	SYSTEM
Batteries (Cakes) / combination	-	-	45.4 kg	PP36	50 mm	2U + 4L

LABELS FOR SHIPPING

FIREWORKS



LAB-0333-ZPP



LAB-0334-ZPP



LAB-0335-ZPP



LAB-0336-ZPP



LAB-0337-ZPP

500 pcs roll / Material PP



LAB-1143-ZPP



SEALING SYSTEM

Tape width 50 mm	cod. T50A-102-PP
Tape width 50 mm	cod. T50T-102-PP
Tape width 75 mm	cod. T75A-102-PP



SYSTEM
2U + 4L

TAPE
PP36

COUNTERFEITING AND PRODUCTION

GOING UNNOTICED IS NOT EASY

It happens quite often that certification owners or authorized producers discover that their products have been counterfeited. Inspectors are increasingly checking UN-certified packaging to verify its regularity, suitability, and safety for transportation. To do so, **inspectors will ask the Certifying Body and the certification owner directly for all documents about approval** (UN-certificate, pictures and inner reports), as well as proof of an uninterrupted flow of information between the producer and the packaging user

about instructions of use (as requested by the Regulations). Accepting goods without verifying their legitimate origin may result in **sanctions ranging from €500 to €10,000** being imposed on the party accepting such goods. Such sanctions may apply where the circumstances may induce one to think that rules of origin or intellectual property rights have been intentionally violated, in particular on account of the poor quality or condition of the goods, the circumstances of the party offering them, or their low price.



4G FW060

* Year of production of packaging box ** 412 or 2151



SERPAC CODE	4G-FW060-NT (neutral print)
OUTER DIMENSIONS	1060 x 260 x 220h mm
INNER DIMENSIONS	1040 x 245 x 190h mm
WEIGHT OF A SINGLE BOX	1.329 kg
UN-APPROVAL	4G (fibreboard box)
UN-CERTIFICATION MARK	4G/Y28.4/S/* - B/SERPAC.**-200177
CONTENT	Fireworks

3 units per stack
on pallet 1200 x 800 mm

APPROVED FOR	CALIBER		MAX GROSS WEIGHT	CLOSING SYSTEM		
	MIN	MAX		TAPE	WIDTH	SYSTEM
Roman candles	20	50	28.4 kg	PP36	50 mm	U + 4L

LABELS FOR SHIPPING

FIREWORKS



LAB-0333-ZPP



LAB-0334-ZPP



LAB-0335-ZPP



LAB-0336-ZPP



LAB-0337-ZPP

500 pcs roll / Material PP



LAB-1143-ZPP



ALL OUR LABELS ARE IN COMPLIANCE WITH STANDARDS REQUIRED BY REGULATIONS.

SEALING SYSTEM

Tape width 50 mm	cod. T50A-102-PP
Tape width 50 mm	cod. T50T-102-PP
Tape width 75 mm	cod. T75A-102-PP



SYSTEM
U + 4L



TAPE
PP36



THE RESPONSIBILITY FOR A COUNTERFEIT PRODUCT DOES NOT ONLY FALL SOLELY ON THE PRODUCER, BUT ALSO ON THE USER (AND POTENTIALLY MORE HARSHLY IF THE USER IS ALSO THE CONTRACTOR FOR THE PACKAGING)

ALWAYS CHECK THE TEST REPORT FOR WHICH EXPLOSIVES AND WITH WHICH KIND OF TAPE / CLOSURE THE BOX IS APPROVED.
DON'T RISK, SHIP SAFELY



SERPAC CODE	4H2-2641-EXP
OUTER DIMENSIONS	456 x 280 x 318 mm
INNER DIMENSIONS	390 x 220 x 210 mm
WEIGHT OF A SINGLE BOX	2.416 kg
UN-APPROVAL	4H2 (solid plastics box)
UN-CERTIFICATION MARK	4H2/Y12.2/S/* - B/SERPAC.2180-260205
CONTENT	Igniters



APPROVED FOR	MAX ITEMS	MAX GROSS WEIGHT
Igniters (length ± 3 m)	520	12.2 kg
Igniters (length ± 10 m)	156	11.9 kg
Igniters (length between 3 and 10 m)	520	11.9 kg



4H2 SOLID PLASTICS BOX FOR IGNITERS

Transport your igniters to the show site **safely and compliantly!**

Water-resistant 4H2 UN BOX supplied with bag and labels.



LABELS FOR SHIPPING INCLUDED IN THE KIT

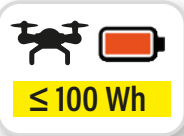


DO YOU USE DRONES FOR YOUR SHOWS?



Choose the most suitable compliant packaging solution and ship your drones all over the world

Drones packed with lithium ion batteries ≤ 100 Wh - UN3481



For this type of battery, when packed with the device ("packed with"), the package is required to pass a 1.2 m drop test. These tests must be documented and filed.



Depending on your needs, you can choose between two different solutions.

A

OUT-OF-THE-BOX SOLUTION

We can identify the right solution from our range of packaging options or develop your own custom packaging while also taking care of tests and documentation providing you with an out-of-the-box solution!



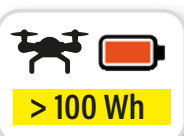
B

DO YOU ALREADY HAVE SUITABLE PACKAGING? WE CERTIFY IT

If you already have suitable packaging, we can perform the tests required by regulations and provide you with the final certification for "excepted" drone shipping.



Drones packed with lithium ion batteries > 100 Wh - UN3481



In this case, the battery or container housing the drone and battery must be placed inside UN-Certified packaging specifically for lithium batteries.



Depending on your needs, you can choose between two different solutions.

A

CHOOSE OUR CERTIFIED BOXES

Use our UN 4G certified boxes for different lithium batteries. Boxes are supplied with the specific foam kit.



B

COULDN'T FIND THE RIGHT APPROVED PACKAGING?

Contact us and we will find the right solution together, based on the specific features of your drone. We can also cut the foam to shape for maximum protection.



DO YOUR DRONES HAVE UNTESTED 38.3 PROTOTYPE BATTERIES? OR ARE THE BATTERIES DEFECTIVE/DAMAGED AND NEED TO BE SENT TO THE SUPPLIER FOR SERVICE?

Contact us and we will give you a suitable solution so you can ship in compliance.

PACKAGES / VISUAL GUIDE TO SIGNALS AND USAGE

CARGO AIRCRAFT ONLY

For shipments allowed only on cargo aircraft
120 x 110 mm

ORIENTATION ARROWS

Optional

SHIPPER'S COMPLETE ADDRESS

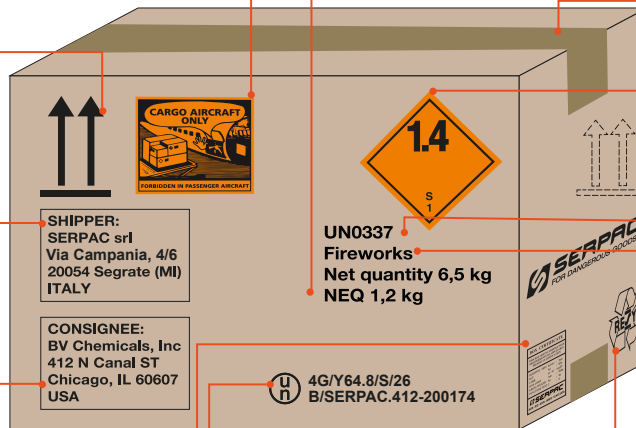
Required for IATA only

CONSIGNEE'S COMPLETE ADDRESS

Required for IATA only

BOX CERTIFICATE

A mark specifying the technical features of the box and a reference to the producer



NET QUANTITY AND NEQ

(net mass of explosive matter)
Required for IATA only

SEALING SYSTEM

Verify on the test report

LABEL

100 x 100 mm

UN NUMBER

Until 30 kg: min. height 6 mm
Over 30 kg: min. height 12 mm

PROPER SHIPPING NAME

ADR - RID - ADN: in one or more languages, one of which must be French, German or English
IMDG - IATA: In English

UN-CERTIFICATION MARK

RESY

All Serpac boxes have this mark guaranteeing they are recyclable

VEHICLES (ADR) / VISUAL GUIDE FOR PLACARDING AND MARKING

DANGER PLACARDS

- Minimum dimensions 250x250 mm
- They must be put on two opposite sides and on the rear.
- They are not required for the transport of 1.4S.
- Compatibility groups must not be indicated when the vehicle contains materials or goods belonging to more than one compatibility group.
- When transporting goods belonging to more than one division, the placard for the most hazardous division must be displayed as follows:

1.1 1.5 1.2 1.3 1.6 1.4

Most dangerous Less dangerous

PERSONAL AND VEHICLE EQUIPMENT

- Every member of the crew must carry functional PPE compliant with regulations.
- The vehicle must also carry all required safety equipment and tools, including the appropriate fire extinguishers necessary for different transport units.

INSTRUCTIONS IN WRITING

- Every member of the crew must carry instructions in writing.
- They must be written in a language the person can understand.

ORANGE PANELS
400x300 mm. Only in specific cases can it be reduced to 300x120 mm.

OVERPACKS / VISUAL GUIDE TO SIGNALS AND USAGE

UN NUMBER

Until 30 kg: min. height 6 mm
Over 30 kg: min. height 12 mm



PROPER SHIPPING NAME

ADR - RID - ADN: In one or more languages, one of which must be French, German or English
IMDG - IATA: In English



OVERPACK MARK

Min. height 12 mm



ADR - RID - ADN : In one or more languages, one of which must be French, German or English
IMDG: in English
IATA: In English, and in the case of more than one overpack, you must apply an identification code (i.e. No 1)

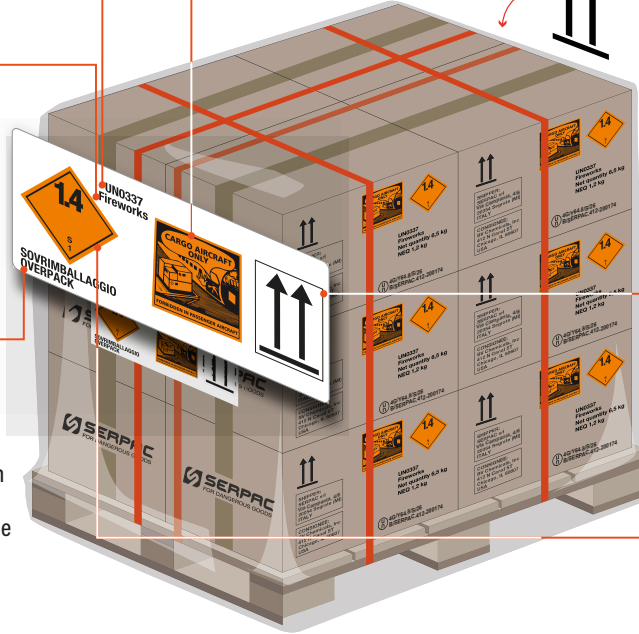
CARGO AIRCRAFT ONLY

For shipments allowed only on cargo aircraft



ORIENTATION ARROWS

Optional

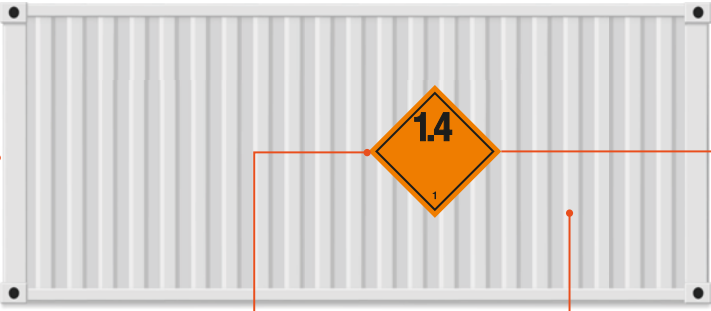


LABEL

100 x 100 mm



CONTAINER (ADR / IMDG) / VISUAL GUIDE TO SIGNALS AND USAGE




DANGER PLACARDS

- Minimum dimensions 250x250 mm
- They must be put on two opposite sides and on the rear.
- They are not required for the transport of 1.4S.
- Compatibility groups must not be indicated when the vehicle contains materials or goods belonging to more than one compatibility group.
- When transporting goods belonging to more than one division, the placard for the most hazardous division must be displayed as follows:

1.1	1.5	1.2	1.3	1.6	1.4
-----	-----	-----	-----	-----	-----

Most dangerous
Less dangerous

DEHYDRATING PRODUCTS

To protect explosives from moisture, consider placing dehydrating products inside your containers to absorb humidity.



SEALS

Proper seals must be used for safe and compliant sealing of containers.



**SHIP SAFE
THINK SERPAC!**



IMDG/IMO



 **SERPAC**[®]
FOR DANGEROUS GOODS

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