### DANGEROUS GOODS PACKAGING





### **Custom made UN Approved**

The more and more demanding market and the more and more restrictive Regulations for the **Dangerous Goods** require a particular attention to the packaging.

OVERPACK's qualified staff is able to develop a packaging design which can be suitable to your needs, complying with the **national and international** Regulations for the Dangerous Goods transport.



by road as per ADR



by sea as per IMDG code

by air as per ICAO/IATA

# **UN Approvals**

**VERPACK** carries out **UN Approvals** availing itself of the most qualified European Certification Bodies and manages all technical and bureaucratic procedures to obtain your approval **for any packaging type and any Inner Packaging** (solid or liquid or pasty materials, of Packing Groups I II and III), as per chapter: ADR 6.1.2.4 / RID 6.1.2.4 / IMDG 6.1.2.4 / IATA 6.0.3.6.1.

Approvals that are valid for any transport mode (ADR, IATA, IMDG, RID) are issued, in compliance with the following Regulations:

- ISO 16106:2020 Packaging Transport packaging for Dangerous Goods, test methods
- **UN** Recommendation of the transport of





Dangerous Goods

- ADR, for road transportation
- **IMDG**, for maritime transportation
- ICAO-TI (International Civil Aviation Organization
- Technical Instruction for the Safe Transport of
   Dangerous Goods by air) and IATA (International Air
   Transport Association), for air transportation

OVERPACK's qualified technicians can help you to verify that the approved packaging which you are currently using is certified for any transport mode.













### **UN Approved 4G fibreboard boxes**

t is fundamental to choose the right packaging to make sure of the compliance with all the Regulations concerning the Dangerous Goods and safely deliver your product to its destination.

**OVERPACK** has at disposal a wide variety of **Un Approved 4G fibreboard boxes** based on the Regulations ICAO/IATA, ADR, RID, IMDG.

Our boxes, designed for the transport of different types of Inner Packagings, such as **glass**, **plastic**, **aerosols**, **aluminium**, are approved for any kind of transportation of Dangerous Goods, in compliance with the following Regulations:

- ISO 16106:2020 Packaging Transport packaging for Dangerous Goods, test methods
- **UN** Recommendation of the transport of Dangerous Goods
- ADR, for road transportation
- **IMDG**, for maritime transportation
- ICAO-TI (International Civil Aviation
   Organization Technical Instruction for the
   Safe Transport of Dangerous Goods by
   air) and IATA (International Air Transport
   Association), for air transportation



Overpack Code	Approval Code	Internal dimensions mm.	UN Marking
OV-4G001S	OV-001S	204x204x373	X10 glass, aerosols
OV-4G04	OV-584	480x280x250	Y16 aerosols
OV-4G04	OV-004	480x280x250	Y21 glass
OV-4G35	OV-535	350x350x275	Y19 plastic
OV-4G35	OV-534	350x350x275	Y19 aerosols
OV-4G35	OV-522	350x350x275	Y24 plastic
OV-4G35	OV-035	350x350x275	X23 metal
OV-4G27	OV-027	388x288x442	Y31 glass
OV-4G05	OV-585	579x379x423	Y44 aerosols
OV-4G05	OV-525	579x379x423	Y55 glass
OV-4G004	OV-319	775x575x410	Y88 glass
OV-4G004	OV-012	775x575x410	Y95 plastic
OV-4G91	OV-091	1175x775x720	Y253 plastic
OV-4G91	OV-338	1175x775x720	Y253 glass
OV-4GK56	OV-56Y	430x310x300	Y40 plastic
OV-4GK56	OV-56X	430x310x300	X30 plastic
OV-4GK60	OV-60X	570x370x430	X60 plastic
OV-4GK60	OV-60Y	570x370x430	Y75 plastic
OV-4GK60	OV-60Z	570x370x430	Z85 plastic
OV-4G721	OV-721	110x110x160	Y2 plastic
OV-4G766	OV-766	410x230x410	X27 paper
OV-4G801	OV-801	315x210x230	Y8 plastic
OV-4G814	OV-814	400x395x285	Y27 explosives
OV-4G901	OV-901	300x190x152	Y4 plastic
OV-4G903	OV-903	100x41x100	Y0,1 cartridges
OV-4G905	OV-905	555x750x270	Y16 plastic













### **UN Approved 4GV fibreboard boxes**

They grant easy-fitting and cost-efficient solutions. UN Approved 4GV fibreboard boxes for any kind of transportation of Dangerous Goods, in compliance with the following Regulations:

- ISO 16106:2020 Packaging Transport packaging for Dangerous Goods, test methods
- **UN** Recommendation of the transport of Dangerous Goods
- ADR, for road transportation
- IMDG, for maritime transportation
- ICAO-TI (International Civil Aviation Organization — Technical Instruction for the Safe Transport of Dangerous Goods by air) and IATA (International Air Transport Association), for air transportation

Designed to ship solids or liquids of Packing Groups I, II, or III, with a validity for any kind of transportation, as per the following chapters: ADR 6.1.2.4 / RID 6.1.2.4 / IMDG 6.1.2.4 / IATA 6.0.3.6.1.

The aforesaid indications grant the senders the greatest flexibility to use **any inner packaging**.



Overpack Code	Internal dimensions mm.	UN Marking
OV-4GV001/S	204x204x373	X 5
OV-4GV001	177x177x298	X 3,5
OV-4GV002	352x340x308	X 14
OV-4GV003	588x388x463	X 30
OV-4GV004	775x575x410	X 85
OV-4GV005	393x393x383	X 18













# UN Approved 4D plywood boxes

N Approved 4D plywood boxes for any kind of transportation of Dangerous Goods, in compliance with the following Regulations:

- **ISO** 16106:2020 Packaging Transport packaging for Dangerous Goods, test methods
- **UN** Recommendation of the transport of Dangerous Goods
- ADR, for road transportation
- IMDG, for maritime transportation
- ICAO-TI (International Civil Aviation Organization — Technical Instruction for the Safe Transport of Dangerous Goods by air) and IATA (International Air Transport Association), for air transportation

4D UN Approval suitable for the transportation of dangerous goods, as per the following chapters: ADR 6.1.4.10 / RID 6.1.4.10 / IMDG 6.1.4.10 / IATA 6.2.10.1

Our UN Approved 4D collapsible plywood boxes have a locking tongue closure, which simplifies the assembling and fixing operations and comply with ISPM15-FAO Standard.

IMPORTANT: our UN Approved 4D collapsible plywood boxes have passed the laboratory tests with 2-way or 4-way palletized bottom and with no palletized bottom.



Overpack Code	Internal dimensions mm.	UN Marking	Palletised Bottom
OV-4D001	400x300x260	X33	2-way pallet
OV-4D001B	400x300x260	X33	No pallet
OV-4D003	580x380x380	X89	2-way pallet
OV-4D003B	580x380x380	X89	No pallet
OV-4D004	780x580x380	X173	2-way pallet
OV-4D004B	780x580x380	X173	No pallet
OV-4D005	780x580x580	X250	2-way pallet
OV-4D005B	780x580x580	X250	No pallet
OV-4D006	1180x780x580	X320	4-way pallet
OV-4D006B	1180x780x580	X320	No pallet
OV-4D007	1180x780x780	X400	4-way pallet
OV-4D007B	1180x780x780	X400	No pallet
OV-4D1043	1500x1000x1000	Y400	4-way pallet
OV-4D1043B	1500x1000x1000	Y400	No pallet
OV-4D1077	1160x700x310	Y230	4-way pallet
OV-4D1077B	1160x700x310	Y230	No pallet

Ensure that your plywood box complies with the Regulation: it must be indicated on the UN Approval Certification.













### **UN Approved 4DV plywood boxes**

N Approved 4DV collapsible plywood boxes for any kind of transportation of Dangerous Goods, in compliance with the following Regulations:

- ISO 16106:2020 Packaging Transport packaging for Dangerous Goods, test methods
- **UN** Recommendation of the transport of Dangerous Goods
- ADR, for road transportation
- **IMDG**, for maritime transportation
- ICAO-TI (International Civil Aviation Organization — Technical Instruction for the Safe Transport of Dangerous Goods by air) and IATA (International Air Transport Association), for air transportation

Certification suitable for any Inner
Packaging, for solid or liquid or pasty
materials, of Packing Groups I, II, or III, as
per the following chapters: ADR 6.1.2.4 /
RID 6.1.2.4 / IMDG 6.1.2.4 / IATA 6.0.3.6.1.

Our UN Approved 4DV collapsible plywood boxes have a locking tongue closure, which simplifies the assembling and fixing operations and comply with ISPM15-FAO Standard.

IMPORTANT: our UN Approved 4DV collapsible plywood boxes passed the laboratory tests with 2-way or 4-way palletised bottom and with no palletised bottom.



Overpack Code	Internal dimensions mm.	UN Marking	Palletised Bottom
OV-4DV001	400x300x260	X22	2-way pallet
OV-4DV001B	400x300x260	X22	No pallet
OV-4DV003	580x380x380	X51	2-way pallet
OV-4DV003B	580x380x380	X51	No pallet
OV-4DV004	780x580x380	X88	2-way pallet
OV-4DV004B	780x580x380	X88	No pallet
OV-4DV005	780x580x580	X140	2-way pallet
OV-4DV005B	780x580x580	X140	No pallet
OV-4DV006	1180x780x580	X252	4-way pallet
OV-4DV006B	1180x780x580	X252	No pallet
OV-4DV007	1180x780x780	X300	4-way pallet
OV-4DV007B	1180x780x780	X300	No pallet

Check that your plywood box complies with the Regulation: it must be indicated on the Approval Certification.













### **UN Approved 50G and 50D Large Package**

N Approved 50G fibreboard boxes and UN Approved 50D plywood boxes, designed for mechanical handling and suitable for packaging dangerous goods with a net mass exceeding 400 kg or a capacity exceeding 450 L (volume not exceeding 3m<sup>3</sup>)

UN Approved for any kind of transportation of Dangerous Goods, in compliance with the following Regulations:

- ISO 16106:2020 Packaging Transport packaging for Dangerous Goods, test methods
- **UN** Recommendation of the transport of Dangerous Goods
- ADR, for road transportation
- IMDG, for maritime transportation
- ICAO-TI (International Civil Aviation Organization Technical Instruction for the Safe Transport of Dangerous Goods by air) and IATA (International Air Transport Association), for air transportation



Overpack Code	Internal dimensions mm.	UN Marking	Palletised Bottom
OV-50DW1500	2800x2000x750	Y1500	4-way pallet
OV-50D1000	2250x1400x500	Y1000	4-way pallet
OV-50D1030	1035x865x793	Y2074	4-way pallet
OV-50D1112	1860x1000x1020	Y1672	2-way pallet

All our UN Approved 50D plywood boxes comply with ISPM15-FAO Standard.

Verify that your box complies with the Regulation: it must be indicated on the UN Approval Certification.













### **UN Approved metal box**



Damaged or defective Lithium Batteries can be very dangerous if not handled properly.

Thanks to this innovative packaging solution it is possible to safely store and transport one or more damaged or defective Lithium Batteries in a critical condition, which could evolve towards thermal runaway.

Our UN Approved 4A metal box complies with Special Provision 376 and P911 packing instruction of the ADR regulation for road transportation.

Description	Metal safety container	
Structure	1 base and 1 bell-shaped	
Structure	cover	
Material	Steel with thermal insulating	
	material	
External dimension	2060x1552x800 mm	
Internal dimension	1739x1211x495 mm	
Tare weight	478 kg	
Capacity	466,70	
Volume	1 m³	
Finishing	Paint	
UN Approved	4A/X945/S	
Stackable	Yes	
Smoke and gas control system	Activated carbon filter	
	n.2 bags of 100 I vermiculite	
	n.1 antistatic bag of the size	
	suitable for battery pack	
Ancillary materials included	n.2 insulating pillows to be	
included	placed on the base of the	
	safety container and above	
	the battery	
	n.5 fixing straps	

# **UN Approved collar**

esigned for the packaging of dangerous goods, the collar has been UN Approved 4C1 especially for the transport of Lithium Batteries. It is built with planned and dried fir wood planks, joined at the 4 corners with hinges fixed with riveted rivets.

The phenolic plywood cover fits perfectly inside the folding side by means of appropriate stops, ensuring a greater stability and ease of overlap in addition to the closure and total protection of the content from light and dust.

Customizable, stackable, foldable and reusable, the collar occupies a minimum storage space



(reducing volume from 20 to 1) and has an average life of 8/10 years.

Ease of assembly, strength and safety are the advantages of this packaging, which allows to save time and space during the packaging and shipping of products.













### UN Approved and Certified fibreboard boxes for lithium batteries

N Approved and Certified fibreboard boxes suitable for the packaging of Lithium Batteries, easily adaptable and cost effective.

Fully compliant with all modes of transport according to the following regulations:

- ISO 16106:2020 Packaging Transport packaging for Dangerous Goods - Test methods;
- **UN** Recommendation on the transport of Dangerous Goods;
- ADR, for road transportation;
- IMDG, for maritime transportation;
- ICAO-TI (International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by air) and IATA (International Air Transport Association), for air transportation.

Ensure that your UN Approved fiberboard box complies with the Regulations :it must be specified on the UN Approval Certification.



Overpack Code	4GV	<b>4</b> G	Internal dimensions mm.
OV-4G/4GV001S	X5	X10	204x204x373
OV-4GV001	X3,5		177x177x298
OV-4GV002	X14		352x340x308
OV-4GV003	X30		588x388x463
OV-4G/4GV004	X85	Y95	775x575x410
OV-4GV005	X18		393x393x383
OV-4G04		Y16	480x280x250
OV-4G35		Y19	350x350x275
OV-4G27		Y31	388x288x442
OV-4G05		Y44	579x379x423
OV-4G1074		Y7	193x155x125
OV-4G1027		Y2,7	455x170x72
OV-4G1081		Y3,55	285x185x100
OV-4G91		Y253	1175x775x720
OV-4G1088		Y1,7	175x115x115
OV-4G1101		Y3,5	430x150x75
OV-4G1090		Y19	446x236x252
OV-4G1106		Y17	385x510x160
OV-4G1113		Y2,5	170x135x240
OV-4G1114		Y2	515x55x50













### **UN Approved and Certified plywood boxes**

N Approved and Certified collapsible plywood boxes suitable for the packaging of Lithium Batteries, fully compliant with all modes of transport according to the following regulations:

- ISO 16106:2020 Packaging —
   Transport packaging for Dangerous
   Goods Test methods;
- **UN** Recommendation on the transport of Dangerous Goods;
- ADR, for road transportation;
- IMDG, for maritime transportation;
- ICAO-TI (International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by air) and IATA (International Air Transport Association), for air transportation.

Our UN Approved and Certified plywood boxes for the packaging of lithium batteries are equipped with a locking tongue closure, which simplifies assembling and fixing operations and complies with ISPM15-FAO standard.

IMPORTANT: our UN Approved collapsible plywood boxes for lithium batteries have passed the laboratory tests with 2-way or 4-way palletized bottom and with no palletized bottom



Overpack Code	4DV	4D	50D	<b>4</b> C1	Internal dimensions mm.
OV-4D/4DV001	X22	X33			400x300x260
OV-4D/4DV003	X51	X89			580x380x380
OV-4D/4DV004	X88	X173			780x580x380
OV-4D/4DV005	X140	X250			780x580x580
OV-4D/4DV006	X252	X320			1180x780x580
OV-4D/4DV007	X300	X400			1180x780x780
OV-4D1043		Y400			1500x1000x1000
OV-4D1077		Y230			1160x700x310
OV-4D1102		Y265			1000x600x840
OV-50D1030			Y2074		1035x865x793
OV-50D1112			Y1672		1860x1000x1020
OV-50D1000			Y1000		2250x1400x500
OV-50DW1500			Y1500		2800x2000x750
OV-4C11078				Y200	1750x300x330
OV-4C11094				Y305	1150x750x282

Ensure that your UN Approved plywood box complies with the Regulations: it must be specified on the UN Approval Certification.













### **Certified fibreboard boxes for Excepted Quantities**

t is possible to ship **Dangerous Goods** in "**Excepted Quantities**" with a tolerance defined for UN number, taking advantage of special exemptions which differ based on the transport type.

The applicable exemptions concern both the approval of the packaging, which however has to be **certified** depending on the kind of transportation **(2.6.6 IATA - 3.5.3 ADR - 3.5.3 IMDG)**, and the preparation of the transport documentation, which won't have to be produced.

It will be mandatory to prepare a triple package, which consists of: inner packaging containing the material to be shipped,



Overpack Code	Internal dimensions mm.
OV-EQ001	177x177x298
OV-EQ002	352x340x308
OV-EQ003	588x388x463
OV-EQ005	393x393x383

inserted in an intermediate packaging, packed in turn in an outer packaging.

NB: Not all UN numbers can be shipped in "Excepted Quantities".

# Certified fibreboard boxes for Limited Quantities

t is possible to ship **Dangerous Goods**in "Limited Quantities" with a tolerance
defined for UN number, taking advantage of
special exemptions which differ based on the
transport type.

The main exemption concerns the approval of the packaging, which however has to be **certified** depending on the kind of transportation: **ADR 3.4, IMDG 3.4, IATA 2.7.** 

It will be mandatory to prepare a "combination packaging", which consists of an **inner** packaging containing the material to be shipped, packed in an **outer** packaging.



Overpack Code	Internal dimensions mm.
OV-LQ04	480x280x250
OV-LQ35	350x350x275
OV-LQ27	388x288x442
OV-LQ05	579x379x423
OV-LQ001/S	204x204x373
OV-LQ001	177x177x298
OV-LQ002	352x340x308
OV-LQ003	588x388x463
OV-LQ005	393x393x383













# **UN Approved plastic packagings**

VERPACK offers a wide range of UN Approved jerrycans and drums, in HDPE (High-density polyethylene), which are suitable for any mode of transport, both for liquids and for solids.

High resistance.

- 4 approvals available:
  - 1H1 plastic drum with non-removable head
  - 1H2 plastic drum with removable head
  - 3H1 plastic jerrycan with non-removable head
  - 3H2 plastic jerrycan with removable head



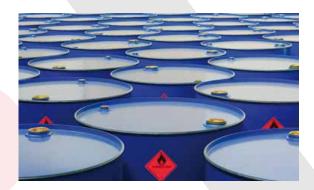
Overpack Code	Dimensions mm.	Capacity
OV-1H1/30	Ø 320 h 510	30 L
OV-1H1/60	Ø 400 h 630	60 L
OV-1H1/120	Ø 496 h 800	120 L
OV-1H1/220	Ø 581 h 945	220 L
OV-1H2/30	Ø 320 h 530	30 L
OV-1H2/60	Ø 400 h 610	60 L
OV-1H2/120	Ø 500 h 805	120 L
OV-1H2/220	Ø 582 h 935	220 L
OV-3H1/5S	145x195x255	5 L
OV-3H1/30	290x320x450	30 L
OV-3H2/30	290x320x450	30 L

# **UN Approved metal packagings**

VERPACK offers a wide range of UN Approved metal drums, which are suitable for any mode of transport, both for liquids and for solids.

High resistance.

- 2 approvals available:
  - 1A1 metal drum with non-removable head
  - 1A2 metal drum with removable head



Overpack Code	Dimensions mm.	Capacity
OV-1A1/30	Ø 306 h. 485	30 L
OV-1A1/60	Ø 378 h. 590	60 L
OV-1A1/220	Ø 585 h. 880	220 L
OV-1A2/5	Ø 225 h. 225	5 L
OV-1A2/10	Ø 255 h. 310	10 L
OV-1A2/30	Ø 305 h. 465	30 L
OV-1A2/60	Ø 378 h. 567	60 L
OV-1A2/220	Ø 605 h. 880	220 L













### Packagings for infectious and biological substances

ombination packagings in compliance with Regulation IATA - Packing Instruction 620 for Infectious Substances and Packing Instruction 650 for Biological Substance, Category B, as follows:

- IATA: PI 620 for Infectious Substances (UN 2814, UN 2900)
- IATA: PI 650 for Biological Substance, Category B (UN 3373)
- ADR: P620 for Infectious Substances (UN 2814, UN 2900)
- **ADR:** P650 per Biological Substance, Category B (UN 3373)
- IMDG: P620 for Infectious Substances (UN 2814, UN 2900)
- **IMDG:** P650 for Biological Substance, Category B (UN 3373)

### Details of the composition:

- Leakproof secondary packaging polypropylene container capable of withstanding 95kPa (0.95 bar) in the range of -40°C to 55°C, screw cap
- Rigid outer packaging certified 4G/





Overpack code	Capacity of the Jar	Capacity of the Jar	Dimension of the box
OV-BIO1	250 ml	Ø 40 h 185 mm.	100x100x200 mm.
OV-BIO1	330 ml	Ø 62 h 175 mm.	100x100x205 mm.
OV-BIO2	1,5 L	Ø 150 h 190 mm.	170x170x210 mm.
OV-BIO3	1,8 L	Ø 125 h 145 mm.	150x165x205 mm.
OV-BIO4	1,2 L	Ø 230 h 295 mm.	270x260x370 mm.

CLASS 6.2 box in white lacquered fibreboard

 Various material — phial-holder pockets in bubble wrap, absorbent sheets, labels













# UN Approved packaging for medical waste or clinical waste

N Approved 4G cardboard boxes for clinical, (bio)medical and regulatory medical waste, completed of bag and closure strap.

Our disposable containers are suitable for the transportation of hazardous medical waste, at infectious risk UN 3291, according to the Regulations:

- IATA 63nd edition: Chapter 3.6.2.5.2 and Packing Instruction 622;
- **ADR 2021**: Chapters 2.2.62.1.11.2, Packing Instruction P621;
- **IMDG 2020**: Chapter 2.6.3.5 Packing Instruction P621.



Overpack Code	Internal dimensions mm.	UN Marking
OV-4GR20L	318x216x322	Y2,5
OV-4GR40L	282X282X456	Y4,6
OV-4GR60L	368X267X526	Y6,7













### Packagings for temperature controlled transport

VERPACK offers a line of receptacles which aims at granting a suitable solution for the transport of **Dangerous**Goods and all those products that need a transport in conditions of temperature control and of absolute integrity.

Our isothermal containers are practical and convenient, easy to be used and allow to preserve in perfect conditions the temperature of the transported product.



		Isothermal containe	Fibreboard box		
Overpack Code	Volume	Internal dimensions mm.	Polystyrene thickness	External dimensions mm	
OV-ISO01	25 L	260x260x380	50 mm.	376x376x503	
OV-ISO02	16 L	192x292x290	50 mm.	290x190x270	
OV-ISO03	12 L	192x292x210	50 mm.	301x401x302	
OV-ISO04	27 L	300x300x300	80 mm.	466x466x500	

# Material for temperature control

### Dry Ice

It is mandatory in a wide range of industrial applications of temperature cooling and maintenance from -20°C to -70°C.

It can be supplied in:

- blocks
- slices
- pellets



### **Cold chain products**

Alternative solution to the dry ice, it is a chemical, gel-shaped product, ideal for the transport of perishables. It is also applied to pharmaceuticals, which have to be temperature-controlled transported in a range

of variability established by the relevant Regulations and by the factories, complying with the "Cold chain".

**Advantages:** easy to use, reusable, non-toxic and non-perishable.

**Transport temperatures:**  $+2/+8^{\circ}\text{C}$ ,  $0/+5^{\circ}\text{C}$ ,  $-23^{\circ}\text{C}$ ,  $-50^{\circ}\text{C}$ ,  $+15/+25^{\circ}\text{C}$ 









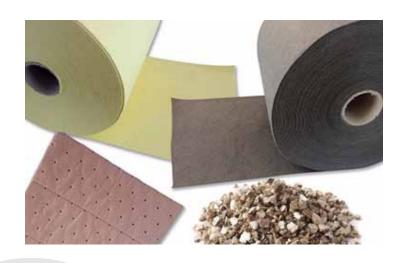




### **Absorbent material**

deal for the preparation of the packagings containing Dangerous Goods and for the absorption of possible liquid leakages during the packaging phases or in case of accidental spilling.

OVERPACK submits a **wide range of absorbent** products for any need.



Overpack Code	Description	For the absorption of
OV-	Inert absorbent material	Acids, bases, oil, water, refrigerants, solvents, caustics and most
VERMICULITE		aggressive substances
OV-PAN01R	Absorbent pad in roll	Acids, bases, oil, water, refrigerants, solvents, caustics and most
		aggressive substances
OV-PAN01D	Absorbent pad in dispenser	Oil, water, refrigerants, solvents, caustics and most aggressive
		substances
OV-PAN02R	Absorbent pad in roll	Oil, water, refrigerants and solvents
OV-PAN02D	Absorbent pad in dispenser	Oil, water, refrigerants and solvents
OV-FOG03	Absorbent sheets	Oil, water, refrigerants, solvents, caustics and most aggressive
		substances
OV-FOG04	Absorbent sheets	Acids, bases, oil, water, refrigerants, solvents, caustics and most
		aggressive substances
OV-KIT15L	Leak-proof emergency kit 15 L	Acids, bases, oil, water, refrigerants, solvents, caustics and most
		aggressive substances
OV-KIT19L	Leak-proof emergency kit 19 L	Acids, bases, oil, water, refrigerants, solvents, caustics and most
		aggressive substances
OV-KIT33L	Leak-proof emergency kit 33 L	Acids, bases, oil, water, refrigerants, solvents, caustics and most
		aggressive substances
OV-KIT65L	Leak-proof emergency kit 65 L	Acids, bases, oil, water, refrigerants, solvents, caustics and most
		aggressive substances













# Certified ESD antistatic polyethylene bags

ertified for the employment of **Dangerous Goods** packagings.

Containment bags for absorbent material and/or shock absorbent for the protection of the inner containers.

Several thicknesses depending on the dimension, with or without accordion.



Overpack Code	Dimensions cm.	Description
OV-SAC001A	40x60	ESD antistatic polyethylene bag dim. cm. 40x60, without folding. Suitable as bag for our boxes:  OV-4GV001, OV-4GV001/S.
OV-SAC002A	40x(20+20)x80	ESD antistatic polyethylene bag dim. cm. 40x(20+20)x80, with folding. Suitable as bag for our boxes: OV-4GV002, OV-4G27, OV-4G35, OV-4DV001.
OV-SAC003A	75x(25+25)x113	ESD antistatic polyethylene bag dim. cm. 75x(25+25)x113, with folding. Suitable as bag for our boxes: OV-4GV003, OV-4G05, OV-4DV003.
OV-SAC004A	120x(50+50)x200	ESD antistatic polyethylene bag dim. cm. 120x(50+50)x200, with folding. Suitable as bag for our boxes: OV-4G91, OV-4DV007.
OV-SAC004/VA	80x(30+30)x115	ESD antistatic polyethylene bag dim. cm. 80x(30+30)x115, with folding. Suitable as bag for our boxes: OV-4GV004, OV-4G319, OV-4DV004, OV-4DV005, OV-4DV006.

















lmage	Overpack Code	Description	Trans vali	sport dity
	OV-E1.1*	Package label class 1 division 1 available for compatibility	( <b>)</b>	
i		group A, B, C, D, E, F, G, J, L (*) Explosive	+	<u></u>
	OV-EC1.1*	Placard class 1 division 1 available for compatibility group		=1
i		A, B, C, D, E, F, G, J, L (*) Explosive	<u> </u>	
1	OV-E1.2*	Package label class 1 division 2 available for compatibility group	ą <u>.                                    </u>	=1
i		B, C, D, E, F, G, H, J, K, L (*) Explosive	+	<u>#</u>
1	OV-EC1.2*	Placard class 1 division 2 available for compatibility group B, C, D, E, F, G, H, J, K, L (*) Explosive	( <u> </u>	
i,	OV-EC1.2			
	OV-E1.3*	Package label class 1 division 3	<b>1</b>	==
1	OV-E1.3"	available for compatibility group C, F, G, H, J, K, L (*) Explosive	+	
	OV-	Placard class 1 division 3		***
1	EC1.3*	available for compatibility group C, F, G, H, J, K, L (*) Explosive		
14	0V-E1.4*	Package label class 1 division 4	<b>1</b>	
i		available for compatibility group B, C, D, E, F, G (*) Explosive	+	

Image	Overpack Code	Description	Trans vali	sport dity
1.4	OV-	Placard class 1 division 4 available for compatibility group	Ţ	-4
-	EC1.4*	B, C, D, E, F, G (*) Explosive	<u></u>	
1.4	0V-E1.4S	Package label class 1 division 4 available for compatibility group	Ţ	-4
•		S Explosive	+	<u></u>
1.4	OV-	Placard class 1 division 4 available for compatibility group	<u> </u>	-4
•	EC1.4S	S Explosive	1	
1.5	OV-E1.5D	Package label class 1 division 5 available for compatibility group D Explosive	Į	-4
0	OV-L1.5D		+	
1.5	OV-	Placard class 1 division 5 available for compatibility group	Q	-4
0	EC1.5D	D Explosive	1	
1.6	OV-E1.6N	Package label class 1 division 6 available for compatibility group	<u> </u>	
3	OV-E1.0N	N Explosive	+	
1.6	OV-	Placard class 1 division 6 available for compatibility group	<u> </u>	
3	EC1.6N	N Explosive		















Image	Overpack Code	Description	Transport validity	
	OV-E2.1	Package label class 2.1	J	***
		Flammable Gas	+	
	OV-EC2.1	Placard class 2.1 Flammable	ą <u>.</u>	***
	OV-EC2.1	Gas		
	OV-E2.2	Package label class 2.2 Non- Flammable, Non-Toxic Gas	á	***
			+	<b>A</b>
	OV-EC2.2	Placard class 2.2 Non- Flammable, Non-Toxic Gas	4	***
	OV-EC2.2			
<b>A</b>	OV-E2.3	Package label class 2.3 Toxic	<u> </u>	***
	OV-E2.3	Gas	+	
9	OV EC3 2	Placard class 2.3 Toxic Gas	<b>1</b>	***
	OV-EC2.3			



lmage	Overpack Code	Description	Transport validity	
	OVE	Package label class 3	<u></u>	
OV-E3	Flammable Liquid	+		
•	01/502	Placard class 3 Flammable	<b>1</b>	***
OV-	OV-EC3	Liquid		















lmage	Overpack Code	Description	Transport validity	
4	OV-E4.1	Package label class 4.1	( <u> </u>	
W		Flammable Solid	+	
Alb.	OV-EC4.1	Placard class 4.1 Flammable	ą <u>.                                    </u>	***
All	OV-EC4.1	Solid	•	
8	OV-E4.2	Package label class 4.2 Spontaneously Combustible	Q	-
			+	
8	OV-EC4.2	Placard class 4.2 Spontaneously Combustible	(I	***
	UV-EC4.2		<u>_</u>	
	OV-E4.3	Package label class 4.3 Dangerous When Wet	ą,	***
4	UV-⊑4.3		+	
A OVE	OV-EC4.3	Placard class 4.3 Dangerous	1	**
4	UV-EC4.3	When Wet		



lmage	Overpack Code	Description	Transport validity	
•	OV-E5.1	Package label class 5.1 Oxidizer		***
Oliver 1			+	
•	OV-EC5.1	Placard class 5.1 Oxidizer		-
31		Flacald class 3.1 Oxidizei		

lmage	Overpack Code	Description	Trans vali	sport dity
	OV-E5.2	Package label class 5.2 Organic Peroxides		-4
	UV-E5.2		<b>Ť</b>	
	OV-EC5.2	Placard class 5.2 Organic Peroxides	<b>4</b>	===
			<u></u>	















lmage	Overpack Code	Description	Trans valid	port dity
1 K	OV-E6.1	Package label class 6.1 Toxic	<u> </u>	
	07 2011		+	
<b>₽</b>	OV-EC6.1	Placard class 6.1 Toxic	<u> </u>	***
7.	OV-EC6.1	Placald class 6.1 Toxic		
愛	OV-E6.2	Package label class 6.2	<u>.</u>	
	UV-E6.2	Infectious Substance	+	
<b>&amp;</b>	OVECCO	Placard class 6.2 Infectious	<b>A</b>	-
	OV-EC6.2	Substance		



lmage	Overpack Code	Description Transp			
*	OV-E7I	Package label class 7 Category	<u> </u>	***	
	OV-E/1	I – White Radioactive Material			
*	OV-E7II	Package label class 7 Category	<b>4</b>	***	
7	OV-E/II	II – Yellow Radioactive Material	+		
*	OV-E7III	Package label class 7 Category	(III)	***	
5	OV-E/III	III – Yellow Radioactive Material	+	<b>A</b>	

lmage	Overpack Code	Description	Transport validity		
*	OV-EC7	Placard class 7 Radioactive	<u></u>	=4	
~	OV-EC/	Material	+		
No. of Particular Property lies	OV-E/EP	Package label classe 7 Excepted Package Radioactive	+		
UN	OV-E/EP	Material			
PISOLE	OV-	Package label class 7 Criticality	<u> </u>	==	
TO /	EFISSILE Safety Index		+	<b>A</b>	















lmage	Overpack Code	Description	Transport validity	
	OV-E8	Package label class 8 Corrosive	+	
	OV-EC8	Placard class 8 Corrosive	<b>1</b>	-



Image	Overpack Code	Description	Trans vali	ansport alidity	
ъ	OV-E9	Package label class 9	a	***	
\ <u>\</u>	01-25	Miscellaneous	+	1	
лſh	OV-EC9	Placard class 9 Miscellaneous	<b>1</b>	***	
\\/	OV-LC9	Tiacaid class 9 Miscellarieous	<u></u>		
,dh,	OV-	Package label class 9 ID8000	+		
e\$256a	E9ID8000	Consumer Commodity			
Мh	OV-E9A	Package label class 9 Lithium	<b>∄</b>	***	
*	OV-ESA	battery	+		













lmage	Overpack Code	Description	Trans vali	sport dity
	OV- E31266	Package label class 3 + UN 1266 Perfumery Products		+
H.	OV- E31263	Package label class 3 + UN 1263 Paint		+
BOLOGICAL SUBSTANCE, CATEGORY B	OV-EBIO  Package label Biological Substance Category B		<b>₽</b>	## #
$\bigcirc$	OV- EUN3373	Package label Biological Substance Category B UN 3373	+	
(¥)	OV-EHS	Package mark Environmentally Hazardous	<b>1</b>	===
(*)	OV-	Substance  Container mark Environmentally Hazardous	+	
	ECEHS OV-	Substance Package mark Limited	<u>#</u>	***
	ELQADR	Quantities ADR 2011		
	OV- ECLQADR	Container mark Limited Quantities ADR 2011		***
<b>♣</b>	OV-ELQY	Package mark Limited Quantities ICAO/IATA	+	
	OV-E/EQ	Package label Excepted Quantities	<b>7</b>	***
			+	<u> </u>
	OV-ECAO	Package label Cargo Aircraft Only	,	
شرا	OV-E/ LITHIUMN	Package label Lithium Batteries, 2021 Edition	4	
DRY ICE	LITTIONIA	·	+ +	<u> </u>
UN 1845	I ackage label by ice of		•	



lmage	Overpack Code	Description	Trans vali	sport dity
A PERSONAL PROPERTY OF THE PERSONAL PROPERTY O	OV- EMAGN	Package label Magnetized Material	+	
No. and Section	OV- EKEEP	Package label Keep Away From Heat	+	
=	OV- ECRYO	Package label Cryogenic Liquid	+	
**************************************	OV-ELA	Package label Live Animals	+	
OVERPACK SOVRIMBALLAGGIO	OV- EOVER	Package label Overpack	<b>1</b>	***
harmoni i manara ta ban and	EUVER		+	
FRAGILE	OV- EFRAGILE	Package label Fragile	4	
	EFRAGILE		+	
<u>11</u>	OV- EFRECCE	Package label Package Orientation	+	
				•
R	OV-ER	Package label Waste Transportation		1
12	OV-ETTS	Package label Time &	+	
	OV-E113	Temperature Sensitive		
\$ ( TO \$	OV-	Deal and label U.S.	1.	-4
ALTO 1	EALTO	Package label High	+	
	OV-EBIC	Dookogo label Clees Bla-li	<b>-</b>	
1	OV-EBIC	Package label Glass Black	+	
<b>*</b>	OV-	Package label Umbrella	<u> </u>	=4
	EOMBR	rackaye label Offibrella	+	













The Regulation for the maritime transport of Dangerous Goods, IMDG Code, establishes that each container transporting Dangerous Goods has to be conveniently labelled / marked both with hazardous labels (see section package labels and container labels) and with orange-coloured panels.

**OVERPACK** has at disposal neutral panels and panels with the indication of the relevant UN number (all UN numbers are available).

Our adhesive panels are designed and produced in compliance with the technical



standards which are required by the Regulations for the Dangerous Goods transport and are available in fast adhesive with resistance in sea water which exceeds 90 days, in compliance with the Regulation IMDG Code (as per technical data sheet to be downloaded).

			Packing		Transpoi	t validity	
lmage	Overpack Code	Description	12 pz.	<b>1</b>	***		+
	OV-ECPPAK	Neutral hazardous panel with central stripe	Х		х		
	OV-ECPPA	Orange rectangular panel for container	X		Х		
UN1263	OV- ECPPA1263	Orange rec <mark>tangular</mark> panel for container UN 1263	х		Х		
UN1993	OV-ECPPA1993	Orange rectangular panel for container UN 1993	х		Х		
UN1866	OV- ECPPA1866	Orange rectangular panel for container UN 1866	х		Х		
UN2735	OV- ECPPA2735	Orange rectangular panel for container UN 2735	х		Х		
UN3077	OV- ECPPA3077	Orange rectangular panel for container UN 3077	х		Х		
UN3082	OV- ECPPA3082	Orange rectangular panel for container UN 3082	Х		Х		













### Hazard pictograms

n 2003 the United Nations promoted and organised the "Globally Harmonized System of Classification and Labelling of Chemicals" - GHS, with the aim to worldwide level the criteria for the classification of the chemical products and their labelling.

GHS is an international binding agreement, which has to be implemented by states and regions through local legislations. In Europe the European Board put into effect the GHS through the Regulation CLP (Classification, Labelling and Packaging).



Based on this Regulation, a pictogram is a hazard symbol which provides information on the damages that a particular substance or mixture can cause to our health or to the environment.

Image	Overpack Code	Classification		
	OV-PIC01	Explosive (Unstable, Divisions 1.1, 1.2, 1.3 and 1.4), Self Reactive (Type A and B), Organic Peroxide (Type A and B)		
	OV-PIC02	Flammable (Solids Categories 1 and 2, Liquids Categories 1, 2 and 3, Gases Category 1, Flammable Aerosols Categories 1 and 2), Self Reactive (Type B, C, D, E and F), Pyrophoric, Self-heating, Emits Flammable Gas, Organic Peroxide (Type B, C, D, and F)		
<b>③</b>	OV-PIC03	Oxidizer		
	OV-PIC04	Gas under pressure		
	OV-PIC05	Corrosive (Skin Corrosion Categories 1A, 1B and 1C, Eye Corrosion Category 1), Corrosive to metals		
	OV-PIC06	Acute Toxicity (Categories 1, 2 and 3)		
<b>(!</b> >	OV-PIC07	Irritant (Skin Irritation Category 2 and Eye Irritation Category 2A), Dermal Sensitizer (Category 1), Acute Toxicity (Category 4, Harmful), Target Organ Toxicity/STOT Category 3 = Narcotic Effects, Respiratory Irritation		
<b>\$</b>	OV-PIC08	Carcinogen (Categories 1A, 1B and 2), Respiratory Sensitizer (Category 1), Reproductive Toxicity (Categories 1A, 1B and 2), Target Organ Toxicity/STOT (Categories 1 and 2), Mutagenicity (Categories 1A, 1B and 2), Aspiration Toxicity (Categories 1 and 2)		
*	OV-PIC09	Acute Aquatic Toxicity (Category 1), Chronic Aquatic Toxicity (Categories 1 and 2)		













# Dangerous Goods packaging service

As it is well known, Dangerous Goods shipments are subject to very restraining regulatory restrictions, which are constantly evolving.

Continuous training updates provide the operations personnel with the high proficiency that allows to perform absolutely safe Dangerous Goods packagings, making your shipments suitable to pass any inspection.

**OVERPACK** offers a complete **Dangerous Goods packaging** service both in its own warehouse and in external branches, dealing with all the logistic aspects of the adaptation to standards of the material to be shipped:

• receipt of the **Dangerous Goods** to be



packaged

- partition and classification of the material
- packaging complying with the reference Regulations in UN approved plywood or cardboard boxes
- marking and labelling of the packages
- filling in of your documents (Shipper's Declaration, Multimodal, ADR)

In case of urgencies a special "dedicated assistance" service is granted, which allows to make your material suitable for the shipment **within a few hours.** 

### **Documentation**

Inless otherwise specified, for each transportation of Dangerous Goods a documentation according to the applicable Regulation must be provided.

One can refer to the following Chapters for the filling in of the documentation:

- IATA: Section 8 information concerning the filling in of the Shipper's Declaration for Dangerous Goods
- ADR: Chapter 5.4 information concerning the filling in of the DDT ADR
- **IMDG CODE:** Chapter 5.4 information concerning the filling in of the **Multimodal Document for Dangerous Goods**



Overpack Code	Description	Transport
OV-SHIPPER	Shipper's Declaration for Dangerous Goods	+
OV-MULTIMODAL	Multimodal Dangerous Goods Form	
OV-DDTADR	DDT ADR	
OV-ADR	ADR Instructions in writing	













### Consultancy

VERPACK's highly qualified personnel, IATA, IMDG and ADR accredited, thanks to decades of experience in the field of the Dangerous Goods packaging, offers a 360-degree consultancy service, which consists of:

- **planning** of the packaging suitable for your shipment
- assistance in the classification of your Dangerous Goods, in compliance with the Regulations in force
- appropriate **packaging** in OVERPACK's branches or directly at the Client's premises
- **filling** in of your documents (Shipper's Declaration, Multimodal, ADR)
- correct marking and labelling of the



### packages

The support which is dedicated to your single needs is at the centre of the attention of the personnel, in a business philosophy that puts cooperation and support first, in order to recognize the best solution to any criticality.

### S.O.S. OVERPACK

**OVERPACK** has a complete support and consultancy service available, in order to help you in the handling of **your Dangerous Goods**.

The highly qualified technical personnel, with a twenty-year experience in this field, is able to satisfy any need concerning the **air, maritime and road transportations** for the care of your shipment.

The assistance service consists in particular of the following tasks:

- issuing of documents on your behalf
- checking of the issued documents and possible correction
- checking of the marking and labelling



of the packages

- checking of the classification of your products
- checking of possible exemptions for the road/ maritime/air transport of your products













Transportation of Dangerous Goods by Air - IATA	YES	NO	N/A
Three Copies of shipper's declaration in English originally signed		0	
Full name and address of Shipper and Consignee	0	0	
The Number of pages shown	0	0	
The non-applicable aircraft type deleted The word RADIOACTIVE deleted	$\frac{0}{0}$	$\bigcirc$	
Identification			
UN or ID number preceded by prefix "Proper Shipping Name" and the technical name in brackets (if required)			
Class or Division (for Class 1, the Compatibility Group), sub hazard if requested			
Packing Group	$\bigcirc$	$\bigcirc$	
Quantity and type of packing			
Number and type of packing  Number and type of packages			
Quantity and unit of measure	$\bigcirc$		
If different dangerous goods are packed in the same outer container			
the following rules are complied with:			
•compatible according to Table 9.3.A			
•wording "All packed in one"	0	0	0
•correct Q value which must not exceed 1	0	0	
In case of Overpack			
•wording "Overpack Used"		0	
• the goods contained in the Overpack must be listed first	0	0	<u> </u>
•compatible according to Table 9.3.A  •if multiple overpacks are used, identification numbers and total quantity of dangerous goods			
	• 0		
Packing Instruction	_	_	
Packing Instruction number	0	0	
For lithium batteries in compliance with section IB, "IB" follows the Packing Instruction	U	<u> </u>	
Additional Handling Information			
In cases where the SP A20 is applicable, wording: "Keep away from heat"	<u> </u>	<u> </u>	<u> </u>
Name and telephone number of a person responsible for the Div. 6.2		<u> </u>	<u> </u>
Marks			
For UN approved packages check:			
• The specification code (which must match the description on the document)	<u> </u>	<u> </u>	<u> </u>
•X, Y or Z in accordance with the Packing Group or with the restrictions			
as provided by Packing Instruction			
•Gross weight within limits (solids, inner packagings or IBCs) •For plastic packaging (1H1, 1H2, 3H1, 3H2) verify the expiry			
UN or ID number preceded by the prefix	$\bigcirc$		
The Proper Shipping Name (s) including technical name when required		$\bigcirc$	
Full name and address of Shipper and Consignee in agreement with the DGD	<u> </u>	Ō	
For consignments of more than one item, the net weight or gross weight	Ō	Ō	
Limited Quantities mark		0	
For UN numbers 3077 and 3082, Environmentally Hazardous Substance mark		0	
Labelling			
Primary hazard label			
Subsidiary hazard label next to the primary hazard label	0	0	0
"Cargo Aircraft Only" label next to hazard label	0		0
Orientation arrows		<u> </u>	
Magnetized Material label/ Cryogenic Liquid/ Keep Away from Heat		<u> </u>	
Overpack			
The word "OVERPACK" if all marks and labels are not visible		0	
If more than one overpack is used, identification numbers and total quantity of dangerous goo	ds 🔵	0	0
Various			
Name, Surname and Date		0	
State and Operator Variations if applicable	0	0	0

# Check List for documents, labels and marking



Transportation of Dangerous Goods by Road - ADR	YES	NO	N/A
1 Packages are prepared in limited quantities		$\bigcirc$	
If the answer is NO go to point 2			
•LQ marking			
•WEIGHT PACKAGES ≤ 30 KG	0	0	
2 Packages are prepared in partial exemption	0	0	
If the answer is no it is COMPULSORY to transport in ADR (adr license etc)			
•UN approved packages			
Primary hazard labels			
<ul> <li>Subsidiary hazard label next to the primary hazard label</li> </ul>			
Orientation arrows			
•Environmentally hazardous substance mark	0	0	0
•UN number	0	0	
•DDT ADR	0	Ō	
Shipper and / or Consignee address	0	0	$\overline{}$
Number and description of packages	0	Ō	
UN Number / Proper Shipping Name / Class / Packing Group	Ö	$\overline{\bigcirc}$	
Gallery code		Ō	
Net weight (kg / L as applicable)			
Calculated value			

Transportation of Dangerous Goods by Sea - IMDG	YES	NO	N/A
1 Packages are prepared in limited quantities			
If the answer is NO go to point 2			
•LQ marking			
•WEIGHT PACKAGES ≤ 30 KG			
Multimodal Dangerous Goods Form			
2 Packages are not prepared in exemption	0	0	
•UN approved packages			
• Main hazard labels			
<ul> <li>Subsidiary hazard label next to the primary hazard label</li> </ul>			
Orientation arrows			
Environmentally hazardous substance mark			
•UN number + proper shipping name			
Check Compatibility hazard Classes			
Multimodal Dangerous Goods Form			
Shipper and / or Consignee address			
Number and description of packages			
UN Number / Proper Shipping Name / Class / Packing Group			
MARINE POLLUTANT	0		0
For flammable products the value of flash point	0	0	0
Emergency telephone number	0		
Name, Surname, Title of signatory, Place and Date	0	0	
In case of closure of the container, fill in and sign the field 20	0		0



# DANGEROUS GOODS SOOD HANDS!































