

Catalogue 2023



Since 1987, **Emball'infor** (AMIQUAR group), **designs, tests and produces isothermal solutions for the transport of thermo-sensitive health products** to meet the needs of laboratories and all thermo-controlled logistics stakeholders.

We develop packaging solutions that meet the regulatory requirements of drug control authorities in France, Europe and internationally. We propose a cost/benefit optimization by securing the risk elements specific to your health products on all segments of your thermo-controlled logistics.

« The strength of an industrial group, the flexibility of an SME »

For 22 years, Emball'infor has contributed to the normative framework for the implementation of rigorous yet realistic regulatory tools to serve all.

We support the heads of Quality Assurance, Supply and Logistics with training, knowledge transfers and workshops to ensure the correct match between the Standard Operational Procedures delivered with the isothermal solutions and the reality of the field operations.

We also support projects to transition from consumable to cost-effective reusable solutions to permanently integrate your company in a controlled environmental approach

Contact our dedicated team of specialists. We are at your service to develop together the isothermal solution that will best address the risks of your health products logistics.

**You can't find what you are looking for ?
You have special requirements ?**

Check out our website : <https://www.emballinfor.fr/>





+2°C / +8°C

5



+15°C / +25°C

9



-80°C / -20°C

12



-25°C / -15°C

16



PolairKub

18



Reusable solutions

27



Thermocontrolled logistics

30



Last mile

33



6.2 : UN2814 / UN3373

35



Services

55

Type of packaging

*: Compliant with Dry Ice



Single Use Insulated Box *



Reusable Isothermal Box *



Isothermal Box Pallet *



Category A and B Infectious and/or Bacteriological Material Transport Kits

Components

0°C waterbased
for 2/8°C
solutions

18°C PCM
for 15/25°C
solutions

4°C PCM
for 2/8°C
solutions



-30°C/-21°C PCM
for -25°C/-15°C
solutions



Spacers



Inner Boxes

Useful Advice

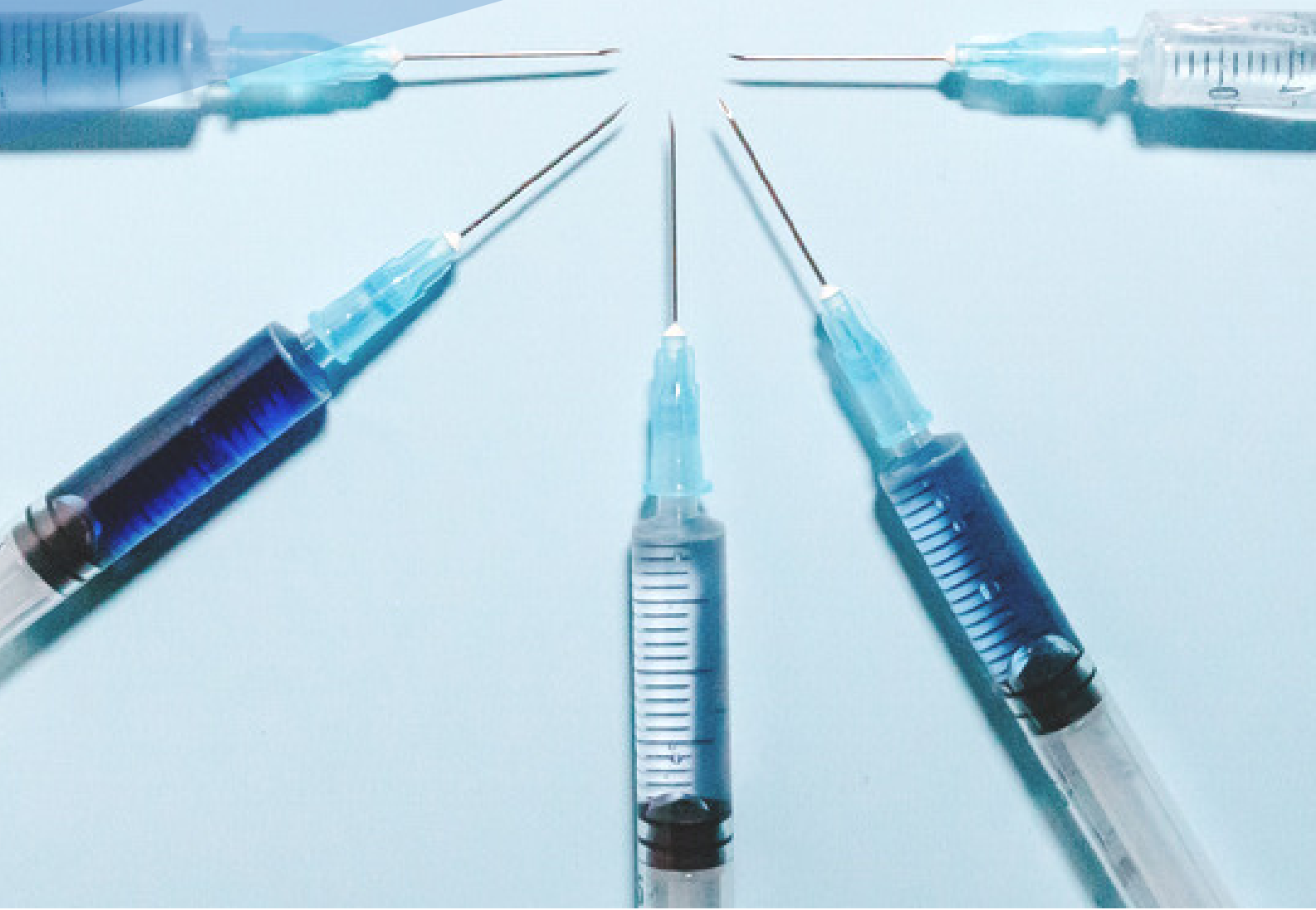
Each of our solutions is coded as follows:

Payload Volume - Temperature - Duration - Procedure*

*Procedure: S : vary according to the season / Y : sin all seasons

Refrigerated Solutions

+2°C/+8°C





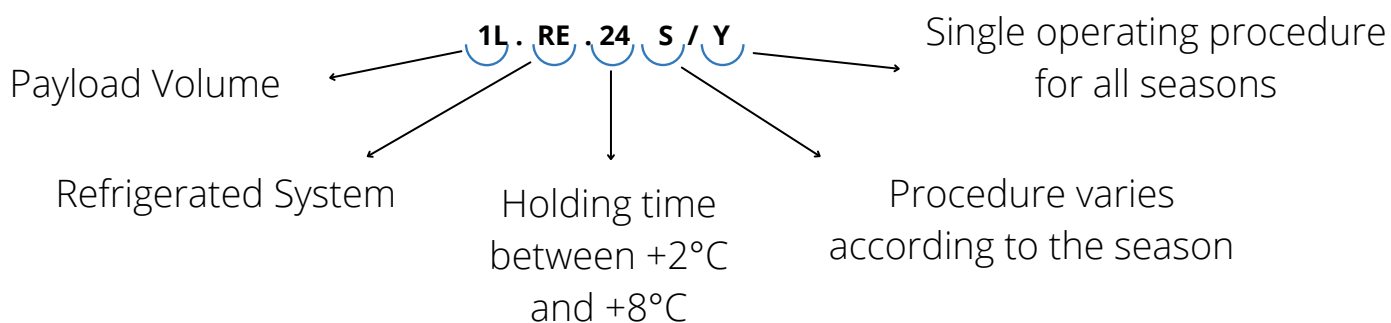
+2°C / +8°C

Our isothermal solutions, either monoblock PU foam PolairPack® or Box Pallets, are strictly 2/8°C qualified according to NF S99-700. Operational instructions are available upon request.

They are delivered with:

- Water gelpacks at either 0°C or PCM 4°C
- A spacer system or inner-box dedicated to heat-sensitive products, to protect against the risk of freezing

Codification is expressed as follows:





+2°C / +8°C



Expert in Cold Chain Logistics of Health Products

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
<u>1L.RE.24S</u>	1	210 x 190 x 270	100 x 80 x 135	1,30	seasonal	147	✓
<u>3L.RE.24S</u>	3	280 x 280 x 275	175 x 175 x 90	2,40	seasonal	72	✓
<u>4L.RE.24S</u>	4	340 x 280 x 270	165 x 175 x 150	2,40	seasonal	48	
<u>10L.RE.24S</u>	10	430 x 370 x 282	330 x 270 x 110	4,40	seasonal	32	

24H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
<u>2L.RE.48S</u>	2	260 x 260 x 310	75 x 155 x 185	2,35	seasonal	72	
<u>3L.RE.48S</u>	3	310 x 310 x 320	130 x 130 x 165	3,80	seasonal	54	✓
<u>3L.RE.48Y</u>	3	380 x 380 x 340	140 x 140 x 185	5	annual	30	✓
<u>4L.RE.48S</u>	4	340 x 280 x 270	180 x 170 x 125	3,10	seasonal	48	✓
<u>5L.RE.48S</u>	5	385 x 290 x 260	220 x 190 x 125	3,30	seasonal	70	
<u>8L.RE.48S</u>	8	430 x 360 x 450	230 x 230 x 150	10,80	seasonal	24	✓
<u>13L.RE.48S</u>	13	380 x 380 x 385	275 x 200 x 230	5,70	seasonal	30	✓
<u>30L.RE.48S</u>	30	445 x 400 x 535	330 x 290 x 300	10,60	seasonal	24	

48H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
<u>1L.RE.72Y</u>	1	260 x 260 x 310	145 x 45 x 180	3,20	annual	72	
<u>3L.RE.72Y</u>	3	380 x 380 x 340	160 x 160 x 125	6,40	annual	30	✓
<u>4L.RE.72S</u>	4	380 x 380 x 340	140 x 140 x 185	5,50	seasonal	30	✓
<u>8L.RE.72S</u>	8	430 x 360 x 450	220 x 220 x 170	9,30	annual	24	✓
<u>10L.RE.72Y</u>	8	430 x 360 x 450	x	8,65	annual	24	✓
<u>10L.RE.72S</u>	8	430 x 360 x 450	x	9,30	seasonal	24	✓
<u>30L.RE.72S</u>	30	653 x 552 x 388	500 x 305 x 190	14,50	seasonal	12	✓
<u>30L.RE.72Y</u>	26	653 x 552 x 388	500 x 305 x 170	13,0	annual	12	✓
<u>40L.RE.72S</u>	40	530 x 530 x 420	425 x 355 x 260	10,90	seasonal	16	✓

72H



+2°C / +8°C



Expert in Cold Chain Logistics of Health Products

96H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
1L.RE.96Y	1	380 x 380 x 340	135 x 135 x 82	6,30	annual	30	✓
3L.RE.96Y	3	430 x 360 x 450	180 x 155 x 125	11,40	annual	24	✓
7L.RE.96Y	7	430 x 360 x 450	230 x 160 x 190	11,40	annual	24	✓
9L.RE.96Y	9	380 x 380 x 385	250 x 205 x 170	9,10	annual	30	✓
12L.RE.96Y	12	430 x 360 x 450	305 x 235 x 170	8,5	annual	24	✓
24L.RE.96Y	24	653 x 552 x 388	427 x 332 x 168	15,50	annual	12	✓
BP.60L.RE.96S	60	810 x 610 x 580	635 x 350 x 265	41	seasonal	6	
BP.60L.RE.96Y	60	810 x 610 x 580	635 x 350 x 265	36,5	annual	6	
<u>BP.140L.RE.96S</u>	140	810 x 610 x 730	730 x 460 x 420	40	seasonal	6	
BP.175L .RE.96Y	175	1200 x 800 x 700	580 x 465 x 325 X 2 Inner boxes	65,60	annual	3	

120H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
<u>16L.RE.120Y</u>	16	445 x 400 x 535	250 x 210 x 340	16,80	annual	24	
<u>BP.175L.RE.120S</u>	175	1200 x 800 x 700	580 x 465 x 325 X 2 Inner boxes	73,00	seasonal	3	
<u>BP.175L.RE.120Y</u>	175	1200 x 800 x 700	580 x 465 x 325 X 2 Inner boxes	67,60	annual	3	
<u>BP.350L.RE.120S</u>	350	1200 x 800 x 1150	580 x 465 x 325 X 4 Inner boxes	124,00	seasonal	2	

*Boxes and Spacers (Gelpacks are delivered on separate pallets)

**See catalogue 6.2

Ambient Solutions

+15°C/+25°C





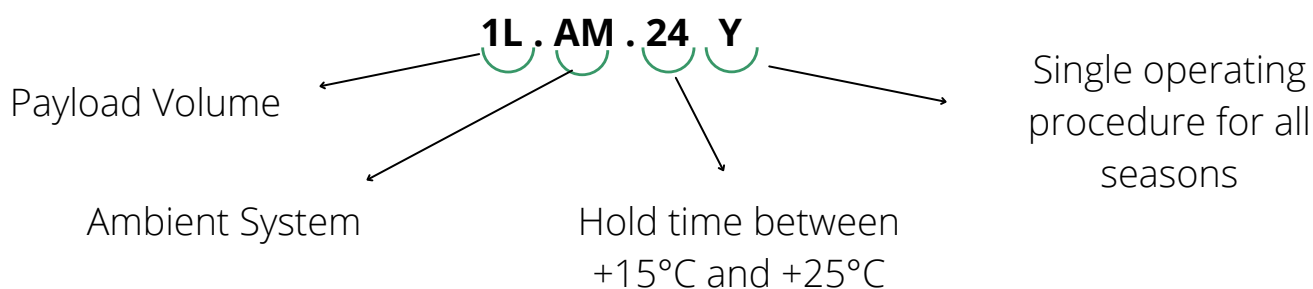
+15°C / +25°C

Our isothermal solutions, monoblock PU foam PolairPack® and Box Pallets, are strictly 15/25°C qualified according to NF S99-700. Operational instructions are available upon request.

They are delivered with:

- 18°C PCM gelpacks
- A spacer system or inner-box dedicated to heat-sensitive products

Codification is expressed as follows:



**+15°C / +25°C**

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
<u>1L.AM.48Y</u>	1	200 x 200 x 270	70 x 70 x 170	0,69	annual	140	
<u>5L.AM.48Y</u>	5	340 x 280 x 270	170 x 180 x 160	1,44	annual	48	
<u>16L.AM.48Y</u>	16	380 x 380 x 395	275 x 275 x 215	2,55	annual	30	✓

48H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
2L.AM.72Y	2	260 x 260 x 310	145 x 85 x 180	1,25	annual	72	
4L.AM.72Y	4	380 x 380 x 340	140 x 140 x 185	2,50	annual	30	✓
8L.AM.72Y	8	430 x 360 x 450	220 x 220 x 170	3,30	annual	24	✓
9L.AM.72Y	9	430 x 360 x 450	300 x 200 x 150	3,30	annual	24	✓
14L.AM.72Y	14	580 x 432 x 455	350 x 185 x 220	5	annual	16	✓
50L.AM.72Y	50	530 x 530 x 420	425 x 425 x 270	4,20	annual	16	✓

72H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
1L.AM.92Y	1	260 x 260 x 310	145 x 45 x 180	1,25	annual	72	
25L.AM.96Y	25	653 x 552 x 388	500 x 305 x 170	5,40	annual	12	✓
40L.AM.96Y	40	653 x 552 x 388	515 x 415 x 200	5,40	annual	12	✓
<u>BP.60L.AM.96Y</u>	60	810 x 610 x 580	635 x 350 x 265	10,80	annual	6	

96H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operational Mode	Units per pallet*	6.2 Certified**
BP.90L.AM.120Y	90	810 x 610 x 580	635 x 350 x 420	10,80	annual	6	

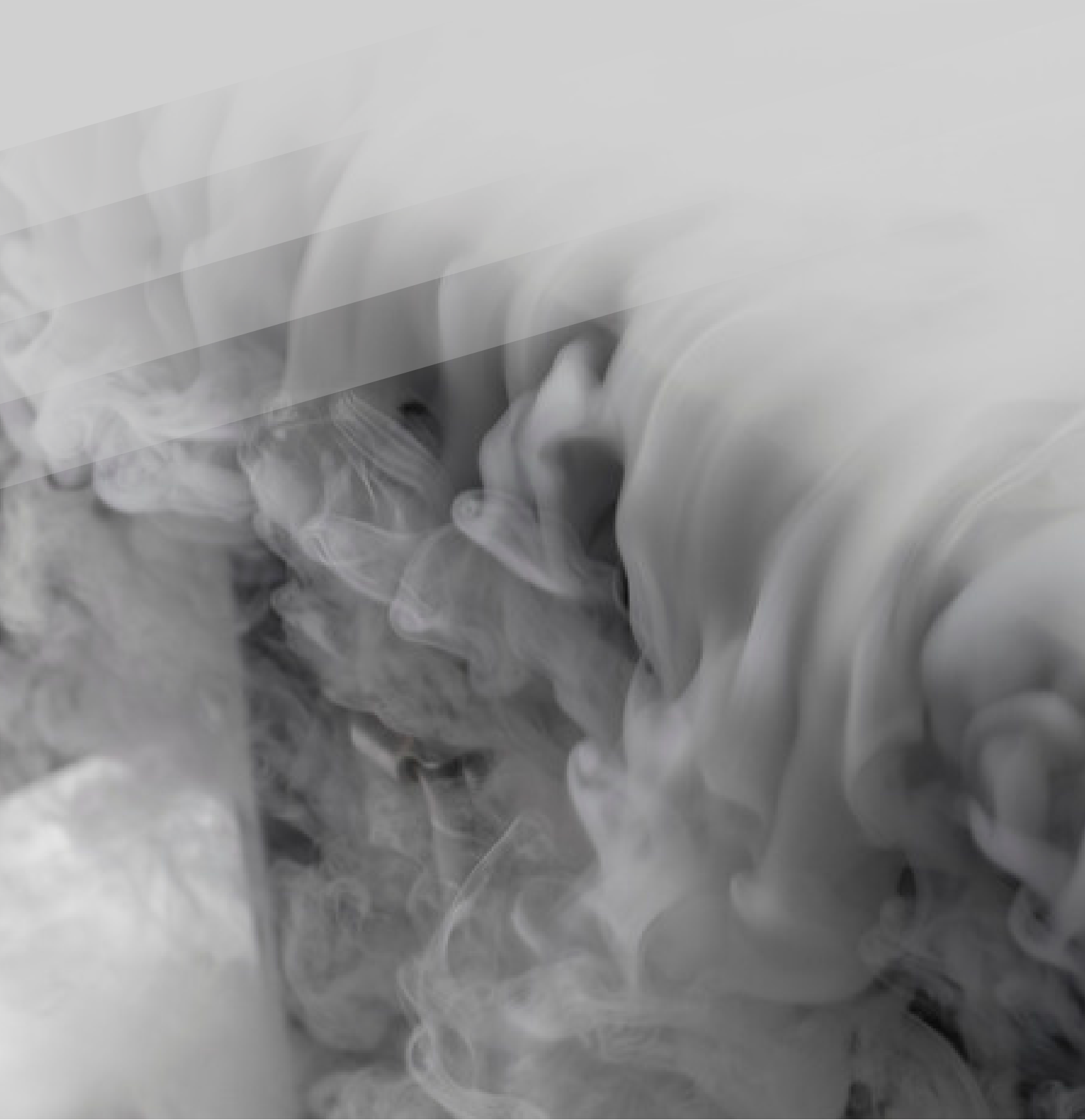
120H

*Boxes and Spacers (Gelpacks are delivered on separate pallets)

**See catalogue 6.2

Frozen Solutions

-80°C/-20°C





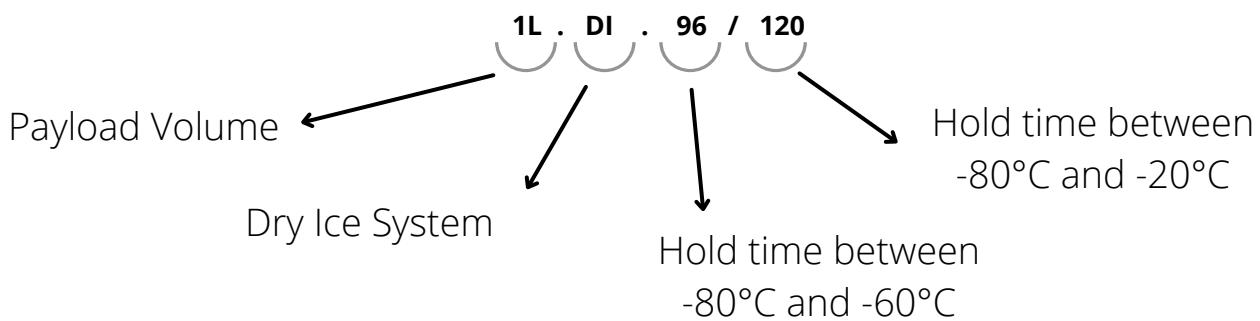
-80°C / -20°C

Our isothermal solutions, monoblock PU foam PolairPack® and Box Pallets, are strictly qualified between -80°C and -20°C according to NF S99-700. Operational instructions are available upon request.

They are delivered with:

- A spacer system, container or Dry-ice pouch dedicated to heat sensitive products

Codification is expressed as follows:





-80°C / -20°C

24/48H

48/72H

72/96H

	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
1L.DI.24/48	1	250 x 250 x 170	180 x 180 x 100	1,77	2,5	160	
2L.DI.24/48	2	250 x 250 x 240	180 x 180 x 165	0,85	4	128	✓
18L.DI.24/48	18	460 x 436 x 304	370 x 350 x 200	2,72	10	24	

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
0,5L.DI.48/72	0,5	260 x 260 x 310	155 x 155 x 190	1,25	3,5	72	
1L.DI.48/72	1	260 x 260 x 310	155 x 155 x 190	1,25	2,7	72	
2L.DI.48/72	2	280 x 280 x 275	175 x 175 x 165	1,27	4	72	✓
4L.DI.48/72	4	340 x 280 x 270	240 x 180 x 160	1,44	4	48	
5L.DI.48/72	5	385 x 290 x 260	285 x 190 x 160	1,66	5	70	
6L.DI.48/72	6	310 x 310 x 320	220 x 220 x 220	1,60	6	54	✓
7L.DI.48/72	7	310 x 310 x 320	220 x 220 x 220	1,60	5	54	✓
18L.DI.48/72	18	450 x 390 x 385	360 x 300 x 280	2,80	15	30	✓
40L.DI.48/72	40	530 x 530 x 420	425 x 425 x 300	4,20	15	16	✓

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
2L.DI.72/96	2	310 x 310 x 320	220 x 220 x 220	1,6	8	54	✓
3L.DI.72/96	3	380 x 380 x 340	240 x 240 x 200	2,5	6,5	30	✓
7L.DI.72/96	7	430 x 370 x 282	330 x 270 x 172	2,2	10	32	
18L.DI.72/96	18	445 x 400 x 535	335 x 290 x 425	3,8	17	24	



-80°C / -20°C

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
1L.DI.96/120	1	267 x 360 x 450	142 x 235 x 320	2,34	7,5	32	
2L.DI.96/120	2	380 x 380 x 395	275 x 275 x 275	2,55	15	30	✓
5L.DI.96/120	5	430 x 360 x 450	305 x 235 x 325	3,3	15	24	✓
6L.DI.96/120	6	380 x 380 x 340	240 x 240 x 200	2,5	7,5	30	✓
BP.150L.DI.96/120	150	1200 x 800 x 700	1072 x 669 x 400	24	60	3	

96/120H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
15L.DI.144/168	15	445 x 400 x 535	335 x 290 x 425	3,8	20	24	
24L.DI.144/168	24	653 x 552 x 388	515 x 415 x 240	5,4	25	12	✓
BP.60L.DI.144/168	60	810 x 610 x 580	655 x 460 x 420	10	30	6	
BP.100L.DI.144/168	100	810 x 610 x 730	730 x 530 x 490	7	148	6	
BP.350L.DI.144/168	350	1200 x 800 x 1150	1072 x 669 x 850	28	120	2	

144/168H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
17L.DI.168/192	17	580 x 432 x 455	424 x 275 x 300	5	23	16	✓

168/192H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
5L.DI.192/216	5	653 x 552 x 388	515 x 415 x 240	5,4	33	12	✓
BP.170L.DI.192/216	170	1200 x 800 x 1150	1112 x 709 x 890	25	240	2	

192/216H

**See catalogue 6.2

Frozen Solutions

-25°C/-15°C



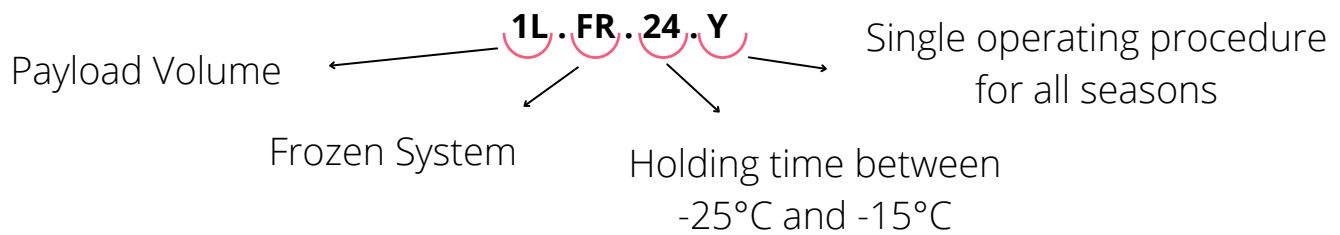


Our isothermal solutions, monoblock PU foam PolairPack® and Box Pallets, are strictly -25/-15°C qualified according to NF S99-700. Operational instructions are available upon request.

They are delivered with :

- -21°C PCM gelpacks
- A spacer system or container dedicated to heat sensitive products

Codification is expressed as follows:





-25°C / -15°C

24H

48H

72H

96H

120H

Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
1L.FR.24Y	1	260 x 260 x 310	145 x 45 x 180	1,25	annual	72	
3L.FR.24Y	3	340 x 280 x 270	170 x 180 x 85	1,44	annual	48	
Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
1L.FR.48Y	1	380 x 380 x 340	135 x 135 x 82	2,50	annual	30	✓
2L.FR.48Y	2	380 x 380 x 340	150 x 150 x 110	2,50	annual	30	✓
5L.FR.48Y	5	380 x 380 x 340	170 x 170 x 160	2,50	annual	30	✓
7L.FR.48Y	7	380 x 380 x 385	205 x 205 x 170	2,55	annual	30	✓
33L.FR.48Y	33	530 x 530 x 420	355 x 355 x 265	4,20	annual	16	✓
BP400L.FR.48Y	400	1200 x 800 x 1150	972 x 569 x 750	28	annual	2	
Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
1L.FR.72Y	1	380 x 380 x 340	80 x 80 x 200	2,50	annual	30	✓
7L.FR.72Y	7	430 x 360 x 450	230 x 155 x 185	3,30	annual	24	✓
14L.FR.72Y	14	580 x 432 x 455	350 x 185 x 220	5	annual	16	✓
Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
24L.FR.86Y	24	650 x 550 x 390	440 x 340 x 160	5,40	annual	12	✓
Item	Payload Volume (L)	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
BP.85L.FR.120Y	85	810 x 610 x 580	655 x 380 x 340	10,80	annual	6	

*Boxes and Spacers (Gelpacks are delivered on separate pallets)

**See catalogue 6.2

High performance





This range is available in two versions, either for single use (cardboard envelope) or multiple use (polypropylene envelope). It is possible to add a cardboard overpack to improve reusability of the boxes.

The outer envelope facilitates your logistics thanks to its cubic shape, handles and sealable lid:

- Polypropylene
- Cardboard

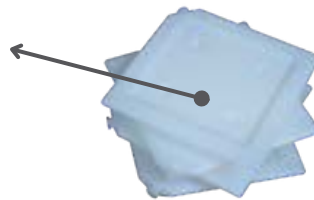


Our panel assembly guarantee the absence of thermal bridges, high resistance to thermal and mechanical shocks as well as a high level of insulation:

- Polyurethane (PU)
- High performance

Our eutectic plates release the holding temperature:

- PCM +5°C $\pm$ 3°C
- PCM +20°C $\pm$ 5°C
- PCM -20°C $\pm$ 5°C

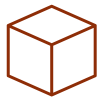


The inner box protects your thermo-sensitive products from shocks and temperature variations:

- Polypropylene
- Cardboard

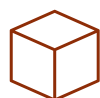
Available Options:

- On demand printing
- Handles
- Tamper-evident seal
- Mini palette for large models
- UN3373 solution equipped with all necessary elements (95 kPa bag and absorbent) for shipping according to ADR requirements

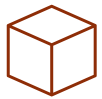


Item	Holding Temperature	Payload Volume (L)	External Dimensions L x W x H (mm)	Product Space Dimensions L x W x H (mm)	Empty Weight (kg)	Units per pallet
6L.RE.72	+2°C / +8°C	6	340 x 340 x 350	180 x 180 x 180	7,7	30
12L.RE.72		12	390 x 390 x 400	230 x 230 x 230	11,3	24
14L.RE.72		14	340 x 575 x 350	180 x 415 x 180	12,9	20
28L.RE.72		28	390 x 675 x 400	230 x 515 x 230	19,0	8
32L.RE.72		32	575 x 575 x 350	415 x 415 x 180	20,7	10
60L.RE.72		60	675 x 675 x 400	515 x 515 x 230	29,3	4
70L.RE.72	+2°C / +8°C	70	575 x 575 x 585	415 x 415 x 415	30,6	6
130L.RE.72		130	675 x 675 x 685	515 x 515 x 515	43,4	2
6L.RE.72S*		6	340 x 340 x 350	180 x 180 x 180	7,4	30
12L.RE.72S*		12	390 x 390 x 400	230 x 230 x 230	11,5	24
14L.RE.72S*		14	340 x 575 x 350	180 x 415 x 180	12,3	20
28L.RE.72S*		28	390 x 675 x 400	230 x 515 x 230	19,3	8
32L.RE.72S*	+2°C / +8°C	32	575 x 575 x 350	415 x 415 x 180	19,7	10
60L.RE.72S*		60	675 x 675 x 400	515 x 515 x 230	29,8	4
70L.RE.72S*		70	575 x 575 x 585	415 x 415 x 415	29,2	6
130L.RE.72S*		130	675 x 675 x 685	515 x 515 x 515	44,1	2

*: Requires two annual recommendations



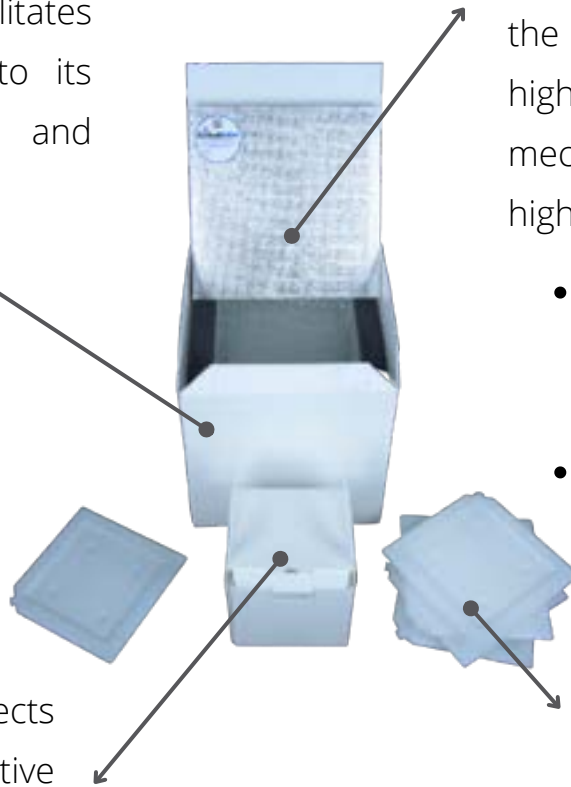
Item	Holding Temperature	Payload Volume (L)	External Dimensions L x W x H (mm)	Product Space Dimensions L x W x H (mm)	Empty Weight (kg)	Units per pallet
6L.AM.72	+15°C / +25°C	6	340 x 340 x 350	180 x 180 x 180	10,1	30
12L.AM.72		12	390 x 390 x 400	230 x 230 x 230	15,2	24
14L.AM.72		14	340 x 575 x 350	180 x 415 x 180	16,8	20
28L.AM.72		28	390 x 675 x 400	230 x 515 x 230	25,5	8
32L.AM.72		32	575 x 575 x 350	415 x 415 x 180	26,9	10
60L.AM.72		60	675 x 675 x 400	515 x 515 x 230	39,7	4
70L.AM.72		70	575 x 575 x 585	415 x 415 x 415	40,0	6
130L.AM.72	-25°C / -15°C	130	675 x 675 x 685	515 x 515 x 515	58,9	2
6L.FR.72		6	340 x 340 x 350	180 x 180 x 180	10,1	30
12L.FR.72		12	390 x 390 x 400	230 x 230 x 230	15,2	24
14L.FR.72		14	340 x 575 x 350	180 x 415 x 180	16,8	20
28L.FR.72		28	390 x 675 x 400	230 x 515 x 230	25,5	8
32L.FR.72		32	575 x 575 x 350	415 x 415 x 180	26,9	10
60L.FR.72		60	675 x 675 x 400	515 x 515 x 230	39,7	4
70L.FR.72		70	575 x 575 x 585	415 x 415 x 415	40,0	6
130L.FR.72	DRY ICE -80°C	130	675 x 675 x 685	515 x 515 x 515	58,9	2
6L.DI.72		6	340 x 340 x 350	180 x 180 x 180	10,1	30
12L.DI.72		12	390 x 390 x 400	230 x 230 x 230	15,2	24
14L.DI.72		14	340 x 575 x 350	180 x 415 x 180	16,8	20
28L.DI.72		28	390 x 675 x 400	230 x 515 x 230	25,5	8
32L.DI.72		32	575 x 575 x 350	415 x 415 x 180	26,9	10
60L.DI.72		60	675 x 675 x 400	515 x 515 x 230	39,7	4
70L.DI.72		70	575 x 575 x 585	415 x 415 x 415	40,0	6
130L.DI.72		130	675 x 675 x 685	515 x 515 x 515	58,9	2



This range is available in two versions, either for single use (cardboard envelope) or multiple use (polypropylene envelope). It is possible to add a cardboard overpack to improve reusability of the boxes.

The outer envelope facilitates your logistics thanks to its cubic shape, handles and sealable lid:

- Polypropylène
- Cardboard



Our panel assembly guarantee the absence of thermal bridges, high resistance to thermal and mechanical shocks as well as a high level of insulation:

- Vacuum Insulated Panels wrapped in polyurethane (PU-VIP)
- VERY HIGH PERFORMANCE

The inner box protects your thermo-sensitive products from shocks and temperature variations:

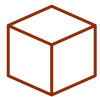
- Polypropylene
- Cardboard

Our eutectic plates release the holding temperature:

- PCM +5°C ±3°C
- PCM +20°C ±5°C
- PCM -20°C ±5°C
- DRY ICE -80°C

Available Options:

- Print on demand
- Handles
- Tamper-evident seal
- Mini palette for large models
- UN3373 solution equipped with all necessary elements (95 kPa bag and absorbent) for shipping according to ADR requirements



Item	Holding Temperature	Payload Volume (L)	External Dimensions L x W x H (mm)	Product Space Dimensions L x W x H (mm)	Empty Weight (kg)	Unit per pallet
6L.RE.120	+2°C / +8°C	6	340 x 340 x 350	180 x 180 x 180	11,1	30
12L.RE.120		12	390 x 390 x 400	230 x 230 x 230	16,0	24
14L.RE.120		14	340 x 575 x 350	180 x 415 x 180	17,4	20
28L.RE.120		28	390 x 675 x 400	230 x 515 x 230	24,2	8
32L.RE.120		32	575 x 575 x 350	415 x 415 x 180	27,0	10
60L.RE.120		60	675 x 675 x 400	515 x 515 x 230	39,2	4
70L.RE.120	+15°C / +25°C	70	575 x 575 x 585	415 x 415 x 415	39,6	6
130L.RE.120		130	675 x 675 x 685	515 x 515 x 515	57,6	2
6L.AM.120		6	340 x 340 x 350	180 x 180 x 180	13,5	30
12L.AM.120		12	390 x 390 x 400	230 x 230 x 230	19,9	24
14L.AM.120		14	340 x 575 x 350	180 x 415 x 180	21,3	20
28L.AM.120		28	390 x 675 x 400	230 x 515 x 230	30,7	8
32L.AM.120		32	575 x 575 x 350	415 x 415 x 180	33,3	10
60L.AM.120		60	675 x 675 x 400	515 x 515 x 230	49,6	4
70L.AM.120		70	575 x 575 x 585	415 x 415 x 415	48,9	6
130L.AM.120		130	675 x 675 x 685	515 x 515 x 515	73,2	2



Item	Holding Temperature	Payload Volume (L)	External Dimensions L x W x H (mm)	Product Space Dimensions L x W x H (mm)	Empty Weight (kg)	Unit per pallet
6L.FR.120	-25°C / -15°C	6	340 x 340 x 350	180 x 180 x 180	13,5	30
12L.FR.120		12	390 x 390 x 400	230 x 230 x 230	19,9	24
14L.FR.120		14	340 x 575 x 350	180 x 415 x 180	21,3	20
28L.FR.120		28	390 x 675 x 400	230 x 515 x 230	30,7	8
32L.FR.120		32	575 x 575 x 350	415 x 415 x 180	33,3	10
60L.FR.120		60	675 x 675 x 400	515 x 515 x 230	49,6	4
70L.FR.120	DRY ICE -80°C	70	575 x 575 x 585	415 x 415 x 415	48,9	6
130L.FR.120		130	675 x 675 x 685	515 x 515 x 515	73,2	2
6L.DI.120		6	340 x 340 x 350	180 x 180 x 180	13,5	30
12L.DI.120		12	390 x 390 x 400	230 x 230 x 230	19,9	24
14L.DI.120		14	340 x 575 x 350	180 x 415 x 180	21,3	20
28L.DI.120		28	390 x 675 x 400	230 x 515 x 230	30,7	8
32L.DI.120		32	575 x 575 x 350	415 x 415 x 180	33,3	10
60L.DI.120		60	675 x 675 x 400	515 x 515 x 230	49,6	4
70L.DI.120		70	575 x 575 x 585	415 x 415 x 415	48,9	6
130L.DI.120		130	675 x 675 x 685	515 x 515 x 515	73,2	2

120H



The outer aluminium envelope facilitates your logistics thanks to its stackable and washable rigid bin, lever closure and handles:

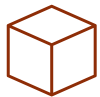


Our panel assembly guarantee the absence of thermal bridges, high resistance to thermal and mechanical shocks as well as a high level of insulation:

- Vacuum Insulated Panels encased in polyurethane foam (PU-VIP)
- VERY HIGH PERFORMANCE

Available Options:

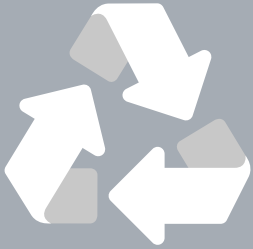
- Print or label on demand
- Tamper-resistant locking system
- Mini palette for large models
- UN3373 solution equipped with all necessary elements (95 kPa bag and absorbent) for shipping according to ADR requirements



Item	Holding Temperature	Payload Volume (L)	External Dimensions L x W x H (mm)	Product Space Dimensions L x W x H (mm)	Empty Weight (kg)	Units per pallet
20L.RE.85	+2°C / +8°C	20	600 x 400 x 400	480 x 280 x 300	22,9	20
20L.AM.162	+15°C / +25°C	20	600 x 400 x 400	480 x 280 x 300	25,0	20
20L.FR.72	-25°C / -15°C	20	600 x 400 x 400	410 x 220 x 240	32,4	20

72H / 120H

Reusable Solutions





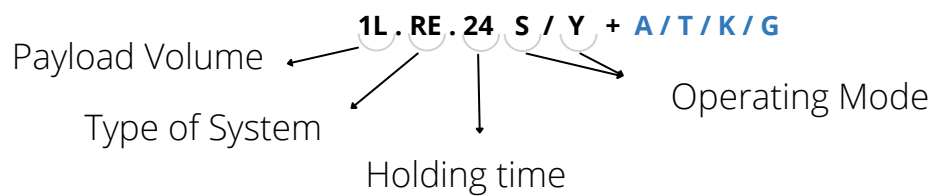
Reusable solutions

Our reusable isothermal solutions assist you in your choice of sustainable solutions. They are qualified in accordance with NF S99-700. An operational instruction manual available on request.

They are delivered with:

- Gelpacks corresponding to the holding temperatures of heat-sensitive products (except system with dry ice)
- A spacer system or container dedicated to heat sensitive products

Codification is expressed as follows:



T

A

K

G



PEHD case



Aluminium case



PolairPack®
corrugated PP
case



PE/PP Ice
coolers



Reusable solutions

+2°C / +8°C

Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 **
18L.RE.16ST	18	16H	600 x 400 x 335	475 x 210 x 185	7	seasonal	20	
7L.RE.24ST	7	24H	400 x 300 x 335	195 x 175 x 225	4	seasonal	30	✓
15L.RE.24SA	15	24H	600 x 400 x 400	370 x 140 x 280	8	seasonal	20	
20L.RE.24ST	20	24H	600 x 400 x 335	398 x 205 x 250	7	seasonal	20	
25L.RE.24SG	25	24H	470 x 325 x 415	x	2,5	seasonal	40	
3L.RE.48SK	3	48H	310 x 310 x 320	200 x 150 x 150	1,60	seasonal	54	✓
20L.RE.48ST	20	48H	600 x 400 x 335	478 x 285 x 258	7	seasonal	20	
13L.RE.72SK	13	72H	380 x 380 x 385	275 x 200 x 230	2,55	seasonal	30	✓
9L.RE.96YK	9	96H	380 x 380 x 385	250 x 205 x 170	2,55	annual	30	✓

+15°C / +25°C

Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
15L.AM.48SA	15	48H	600 x 400 x 400	370 x 140 x 280	8	seasonal	20	
16L.AM.48YK	16	48H	380 x 380 x 385	275 x 275 x 215	2,5	annual	30	✓
24L.AM.48	24	48H	600 x 400 x 335	478 x 285 x 250	7	seasonal	20	
9L.AM.72SK	9	72H	380 x 380 x 385	250 x 205 x 170	2,5	seasonal	30	✓

*Boxes and Spacers (Gelpacks are delivered on separate pallets)



Reusable solutions

Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
33L.FR.6YT	33	6H	600 x 400 x 335	475 x 210 x 185	7	annual	20	
13L.FR.24YK	13	24H	380 x 380 x 395	275 x 200 x 230	2,5	annual	30	✓
3L.FR.48YK	3	48H	310 x 310 x 320	150 x 150 x 150	1,6	annual	54	✓
7L.FR.48YK	7	48H	380 x 380 x 385	205 x 205 x 170	2,5	annual	30	✓
10L.FR.48YA	10	48H	600 x 400 x 400	345 x 140 x 205	8	annual	20	
11L.FR.48ST	11	48H	600 x 400 x 335	478 x 285 x 250	7	annual	20	

-25°C / -15°C

Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
2L.DI.48/72K	2	48/72H	310 x 310 x 320	x	1,6	6	54	✓
7L.DI.48/72A	7	48/72H	600 x 400 x 400	x	8	10	20	
9L.DI.48/72T	9	48/72H	400 x 300 x 335	x	4	8	30	✓
25L.DI.48/72T	25	48/72H	600 x 400 x 335	x	7	10	20	
2L.DI.72/96K	2	72/96H	310 x 310 x 320	x	1,6	8	54	✓
7L.DI.72/96K	7	72/96H	310 x 310 x 320	x	1,6	5	54	✓
2L.DI.96/120K	2	96/120H	380 x 380 x 385	x	2,5	15	30	✓

-80°C / -20°C

*Boxes and Spacers (Gelpacks are delivered on separate pallets)

Solutions for thermocontrolled logistics +15°C/25°C





These isothermal solutions are designed for use in road and air thermocontrolled transport in +15°C/+25°C. They are qualified in accordance with NF S99-700. The technical Data Sheets and Standard Operational Procedures are available on request.

They are delivered with :

- Gelpacks corresponding to the holding temperatures of the heat-sensitive products (excluding system for dry ice)
- A spacer system or container dedicated to heat sensitive products

Item	Payload Volume (L)	Duration 15°C / 25°C	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Units per pallet*	6.2 Certified**
1L.RE.24	1	24H	200 x 250 x 150	140 x 190 x 65	0,4	x	✓
7L.RE.24	7	24H	400 x 300 x 335	195 x 175 x 225	5,1	30	
14L.RE.24YA	14	24H	600 x 400 x 400	370 x 140 x 280	8,0	20	
20L.RE.24S	20	24H	600 x 400 x 335	398 x 205 x 250	7,0	20	
1L.RE.48	1	48H	210 x 190 x 270	100 x 80 x 135	1,3	147	
2L.RE.48	2	48H	280 x 280 x 275	175 x 95 x 110	2,4	72	
3.5L.RE.48	3.5	48H	380 x 380 x 340	140 x 140 x 170	5,5	30	
3.5L.RE.48Y	3.5	48H	380 x 380 x 340	145 x 145 x 160	5,1	30	
9L.RE.48	9	48H	430 x 360 x 450	300 x 200 x 150	7,8	24	
10L.RE.48	10	48H	380 x 380 x 385	6 bottles 80 x 250	4,8	30	
1L.RE.72	1	72H	260 x 260 x 310	145 x 45 x 180	3,1	72	
2L.RE.72	2	72H	350 x 350 x 380	130 x 130 x 100	6,1	30	
8L.RE.72Y	8	72H	430 x 360 x 450	220 x 220 x 170	8,4	24	

+2°C / +8°C



Thermocontrolled logistics

-25°C / -15°C	Item	Payload Volume (L)	Duration 15°C / 25°C	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Units per pallet*	6.2 Certified**
	6L.FR.6ST	6	6H	600 x 400 x 335	410 x 285 x 285	7	20	
	2L.FR.48	2	48H	380 x 380 x 340	150 x 150 x 110	2,5	30	
	14L.FR.72Y	14	72H	580 x 430 x 455	350 x 185 x 220	5	16	

-80°C / -20°C	Item	Payload Volume (L)	Duration 15°C / 25°C	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
	1L.DI.24	1	24H	210 x 190 x 270	x	0,6	1,6	147	
	1L.DI.48	1	48H	210 x 190 x 270	x	0,7	2	147	
	2L.DI.72	2	72H	277 x 277 x 285	x	1,3	4	72	
	7L.DI.72	7	72H	315 x 315 x 330	x	1,6	5	54	
	3,5L.DI.96/120	3,5	96/120H	350 x 350 x 380	x	2,4	8	30	
	6L.DI.96/120	6	96/120H	380 x 380 x 340	x	2,5	7,5	30	
	9L.DI.120/144	9	120/144H	440 x 350 x 460	x	3,8	25	x	

*Boxes and Spacers (Gelpacks are delivered on separate pallets)

**See catalogue 6.2

Last Mile Solutions





Last mile

Our isothermal solutions meet the constraints of last mile logistics (Hospital, Laboratory, Pharmacy and city Health Centers). They are suitable for the transport of vaccines (ex: COVID19...)

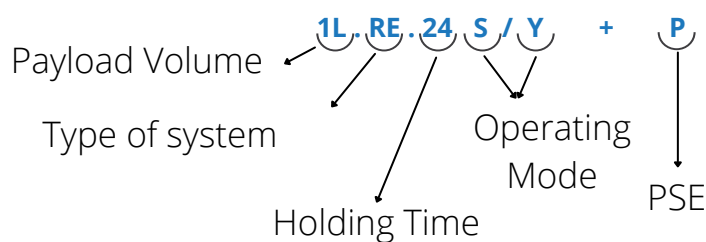
They provide patients with the transport conditions required by the MA.

They are qualified according to NF S99-700.

They are delivered with :

- Gelpacks corresponding to the holding temperatures of heat-sensitive products
- Spacers or dedicated product container
- An operational user manual

Its codification is expressed as follows:



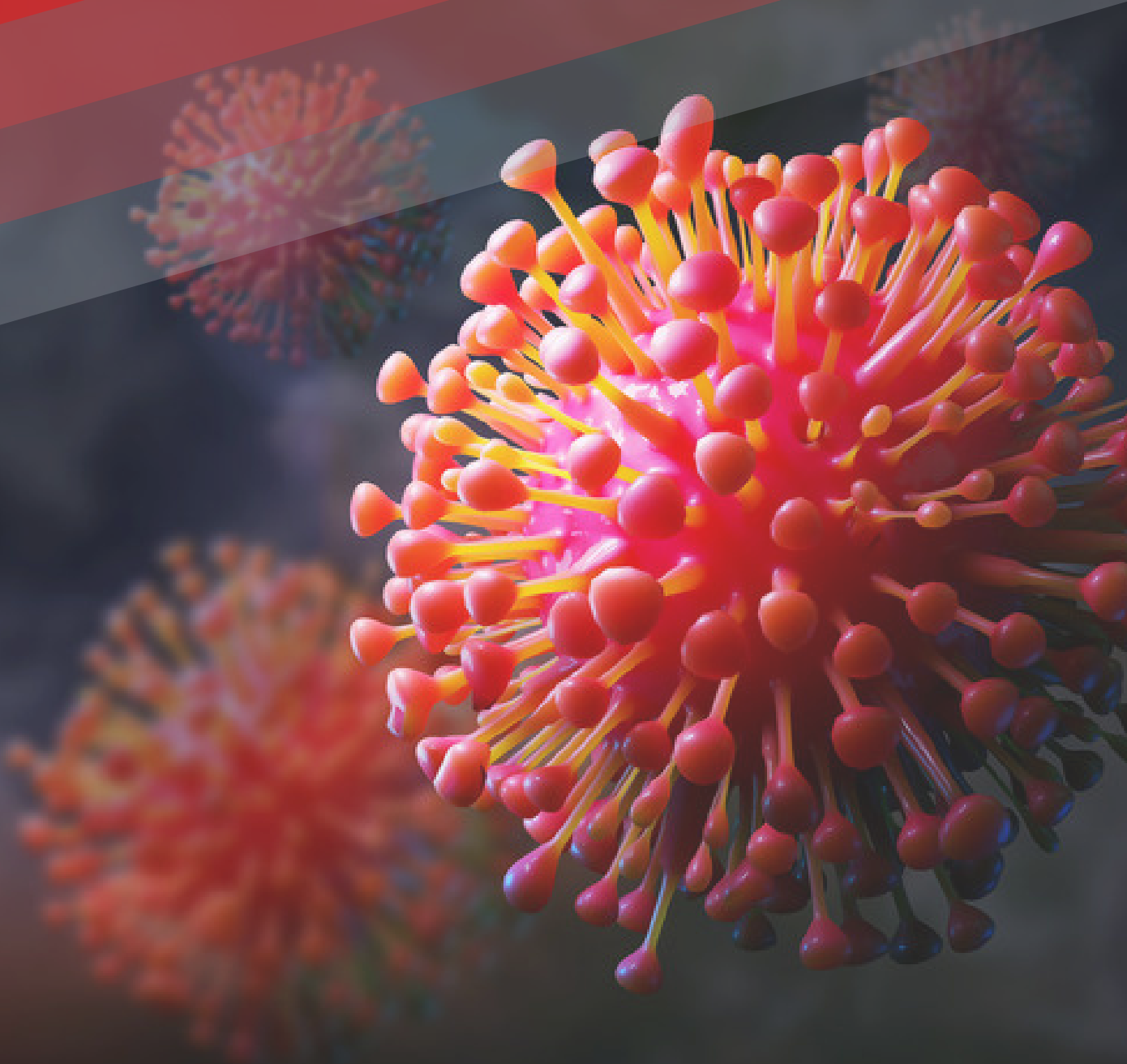


Last mile

Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
1L.RE.24SP	1	24H	200 x 250 x 150	140 x 190 x 65	x	seasonal		✓
18L.RE.16ST	18	16H	600 x 400 x 335	475 x 210 x 185	7	seasonal	20	
7L.RE.24ST	7	24H	400 x 300 x 335	195 x 175 x 225	4	seasonal	30	✓
20L.RE.24ST	20	24H	600 x 400 x 335	398 x 205 x 250	2,5	seasonal	40	
3L.RE.48SK	3	48H	310 x 310 x 320	200 x 150 x 150	1,6	seasonal	54	✓
13L.RE.72SK	13	72H	380 x 380 x 385	275 x 200 x 230	2,6	seasonal	30	✓
9L.RE.96YK	9	96H	380 x 380 x 385	250 x 205 x 170	2,6	annual	30	✓
Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
16L.AM.48YK	16	48H	380 x 380 x 385	275 x 275 x 215	2,6	annual	30	✓
9L.AM.72SK	9	72H	380 x 380 x 385	250 x 205 x 170	2,6	seasonal	30	✓
Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Operating Mode	Units per pallet*	6.2 Certified**
33L.FR.6YT	33	6H	600 x 400 x 335	475 x 210 x 185	7	annual	20	
13L.FR.24YK	13	24H	380 x 380 x 395	275 x 200 x 230	2,6	annual	30	✓
3L.FR.48YK	3	48H	310 x 310 x 320	150 x 150 x 150	1,6	annual	54	✓
7L.FR.48YK	7	48H	380 x 380 x 385	205 x 205 x 170	2,6	annual	30	✓
Item	Payload Volume (L)	Duration	External Dimensions L x w x H (mm)	Product Space L x w x H (mm)	Empty System weight (kg)	Dry Ice Quantity (kg)	Units per pallet*	6.2 Certified**
2L.DI.48/72K	2	48/72H	310 x 310 x 320	x	1,60 kg	6	54	✓
9L.DI.48/72T	9	48/72H	400 x 300 x 335	x	4 kg	8	30	✓
25L.DI.48/72T	25	48/72H	600 x 400 x 335	x	7 kg	10	20	
2L.DI.72/96K	2	72/96H	310 x 310 x 320	x	1,60 kg	8	54	✓
7L.DI.72/96K	7	72/96H	310 x 310 x 320	x	1,60 kg	5	54	✓
2L.DI.96/120K	2	96/120H	380 x 380 x 385	x	2,55 kg	15	30	✓

*Boxes and Spacers (Gelpacks are delivered on separate pallets)

6.2 Solutions





6.2 : UN2814 / UN3373



The World Health Organization distinguishes several classes of dangerous goods, including Class 6 : Toxic and Infectious Materials.

Subdivision 6.2 deals with infectious substances which are classified as follows:

- **Category A for infectious substances**

- UN2814 Human Infectious Material
- UN2900 Animal Infectious Material

This category requires the use of **type P650 triple packaging**.

- **Category B for biological materials**

- UN3373 Infectious Material Not Meeting Category A Criteria

This category requires the use of **type P650 triple packaging**.

For the list of products in these two categories and associated regulatory devices, refer to the [Practical Guide](#) on the Application of the Regulations Respecting the Transport of Infectious Substances.

The solutions in this catalogue comply with the above regulatory requirements. They have assed the tests prescribed for each of these categories in their proposals for ambient and controlled temperature :

- frozen (-80°C ou -20°C)
- refrigerated (2/8°C)
- ambient (15/25°C).

Approval documents are available upon request.

Type of packaging

*: compliant with Dry Ice



Transport kits for category A and B infectious and/or bacteriological materials



UN 3373 kit for category B biological substances



Single Use **Isothermal** Casing for Category A and B Biological Substances*

Components



B95kPa bag
Bio-Pouch bag
Bio-Hazard bag



Zip bags



Bubble wrap



Foam tube holders



Absorbent Pouches



Absorbent pads



UN3373/UN2814 Labels



UN2814 : 650ml / 1250ml



Storage



Samples



Transport



UN Certification #: 981 208*

UN Certification #: 991 837*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
<u>KITS00026</u>	650	100 x 100 x 200	Printed Box UN2814 / Pot 650 ML / Zip Bag 120x180 / PSE aluminized / A5 95kPa Bag / Absorbent Bag 150ml	220	525
<u>KITS00022</u>	1250	123 x 123 x 196	Printed Box UN2814 / Foam 98 x 120mm 2 tubes / Foam 98 x 6 mm rings / Bubble Wrap 30x40 cm / A5 95kPa Bag / Absorbent Bag 150ml	306	324
<u>KITS00023</u>	1250	123 x 123 x 196	Printed Box UN2814 / Zip Bag 180x280 / Bubble Wrap 30x40 cm / A5 95kPa Bag / Absorbent Shell Holder 6 cases	320	324
<u>KITS00045</u>	1250	123 x 123 x 196	Printed Box UN2814 / Rack 10 tubes / Foam 98 x 120mm 2 tubes / Foam 98 x 6 mm rings / Bubble Wrap 30x40 cm / A5 95kPa Bag / Absorbent Bag 150ml	318	324
<u>KITS00078</u>	1250	123 x 123 x 196	Printed Box UN2814 / Bubble Wrap 30x40 cm / Rack Foam 14 holes / A5 95kPa Bag / Absorbent Bag 150ml	306	324
<u>KITS00087</u>	1250	123 x 123 x 196	Printed Box UN2814 / Foam 98 x 120mm 2 tubes / Foam 98 x 6 mm rings / A5 95kPa Bag / Absorbent Bag 150ml	300	324
<u>KITS00159</u>	1250	123 x 123 x 196	Printed Box UN2814 / Rack 10 tubes / Braces 36 boxes / Foam 98 x 120mm 2 tubes / Foam 98 x 6 mm rings / Bubble Wrap 30x40 cm / A5 95kPa Bag / Absorbent Bag 150ml	334	324

UN2814 : 650ml / 1250ml



UN2814: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- Ambient Temperature
- In 2/8°C with gelpacks for a duration up to 48 hours
- Between -80°C and -60°C with dry ice for a duration up to 66 hours

UN Certification #: 160 102*

Items



**Useful
Capacity**
(ml)

**External
Dimensions**
L x w x H (mm)

Composition

**Empty
System
weight**
(g)

**Units
Per
Pallet**

KITS00104

330

250 x 250 x 240

5L30 UN2814 printed Polairpack /
Clamping 5L30 CARTON 6.2 / "DRY ICE"
Label 21,5x17cm / Zip Bag 100x200x60
/ A5 95kPa Bag / 150ml Absorbent Bag

948

128

KITS00125

330

250 x 250 x 240

5L30 UN2814 printed Polairpack /
Clamping Pot 330ML / A5 95kPa Bag /
150ml Absorbent Bag

944

128





UN2814: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- Ambient Temperature
- In 2/8°C with gelpacks for a duration up to 48 hours
- Between -80°C and -60°C with dry ice for a duration up to 48 hours

UN Certification #: 160 102*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
<u>KITS00090</u>	1250	310 x 310 x 320	10L40 UN2814 printed Polairpack / Clamping 10L40 CARTON / Zip Bag 180x280 / Bubble Wrap 30x40 cm / Rack Foam 14 holes / A5 95kPa Bag/ 2 150ml Absorbent Bags	2090	54
<u>KITS00118*</u>	1250	310 x 310 x 320	10L40 UN2814 printed Polairpack / Clamping 10L40 CARTON / Zip Bag 180x280 / Bubble Wrap 30x40 cm / A5 95kPa Bag / 2 x 150ml Absorbent Bags	1950	54
<u>KITS00153</u>	1250	310 x 310 x 320	10L40 UN2814 printed Polairpack / Clamping 10L40 CARTON / "DRY ICE" Label 21,5x17cm / Zip Bag 180x280 / Bubble Wrap 30x40 cm / A5 95kPa Bag / 150ml Absorbent Bag	1960	54

**gelpack option available on request*

UN2814 : Polairpack® 10L40



UN2814: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- In 15/25°C with gelpacks for a duration up to 96 hours
- In 2/8°C with gelpacks for a duration up to 72 hours
- Between -80°C and -60°C with dry ice for a duration up to 110 hours

UN Certification #:160 102*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
 KITS00031	2000	380 x 380 x 340	11L65 UN2814 printed Polairpack / Absorbent Spanner Box 6 / KIT 4 PIECES 11L65 CARTON / Bubble Wrap 30x40 cm / A5 95kPa Bag	2798	30

These complete kits are certified for transport:

- Ambient Temperature
- Between -80°C and -60°C with dry ice for a duration up to 67 hours

UN Certification #: 160 099*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
 KITS00126*	2 x 3000	450 x 390 x 385	30L40 UN2814 Dry Ice printed Polairpack / Clamping 30L40 200x355 / "DRY ICE" Label 21,5x17cm / "UN2814" Label GREAT / 2 Zip Bag 230x320 / 2 Bubble Wrap 30x40 cm / 2 A3 BIOPOUCH Bags 350x445 / 8 x 150ml Absorbent Bags	3790	30

**gelpack option available on request*



UN2814: Polairpack®



Storage



Samples



Transport



Keep
Temperature

These complete kits are certified for transport:

- Between -80°C and -60°C with dry ice for a duration up to 50 hours

UN Certification #: 160 100*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
 KITS00033	4 x 3000	530 x 530 x 420	55L40 UN3373 printed Polairpack / Clamping 55L40 6.2 200x420 / 4 x 3000ml jars / "UN2814" Label GREAT / Zip Bag 180x280 / 4 Bubble Wrap 30x40 cm / 4 A3 BIOPOUCH Bags 350x445 / 16 x 150ml Absorbent Bags	5916	16

*(Certificate of Registration upon request)



Polairpack 55L40 UN3373



UN3373: H44 / H88



Storage



Samples



Transport

Accordance with ADR/IATA P650

Items	Bag Volume	External Dimensions <i>L x w x H (mm)</i>	Composition	Empty System weight (g)	Units Per Pallet
<u>KITS00050</u>	A5	190 x 190 x 44	UN3373 FEFCO Box Absorbent Shell Holder 6 cases A5 95kPa Bag Bubble wrap 30X40cm	116	984
<u>KITS00063</u>	2x A5	320 x 180 x 44	UN3373 FEFCO Box 2 Absorbent Shell Boxes 6cases 2 A5 95kPa Bags	190	492
<u>KITS00064</u>	A5	190 x 190 x 44	UN3373 FEFCO Box A5 95kPa Bag 150 ml Absorbent Bag	112	984
<u>KITS00131</u>	A4+	320 x 180 x 44	UN3373 FEFCO DOUBLE Box 95kPa IATA A4+ Bag 2 x 150 ml Absorbent Bags	174	492



**UN3373: 650ml**

Storage



Samples



Transport

UN Certification #: 981 208*

	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
<u>KITS00046</u>	650	100 x 100 x 200	650ml jar / UN3373 printed Box / Zip Bag 120x180 / Bubble Wrap 30x40 cm / PSE aluminized / A5 95 kPa Bag / 150ml Absorbent Bag	220	525
<u>KITS00110</u>	650	100 x 100 x 200	650ml jar / UN3373 printed Box / Zip Bag 120x180 / PSE aluminized / A5 95 kPa Bag / 150ml Absorbent Bag	212	525
<u>KITS00136</u>	650	100 x 100 x 200	650ML UN3373 printed Box / Bubble Wrap 30x40 cm / PSE aluminized / 2 Bags 95 kPa IATA A5 BIOHAZARD / 2 150ml Absorbent Bags	216	525
<u>KITS00151</u>	650	100 x 100 x 200	650ML UN3373 printed Box / Zip Bag 120x180 / Bubble Wrap 30x40 cm / PSE aluminized / Absorbent Shell Holder 6 cases	200	525

UN3373: 650ml



UN3373: 1000ml



Storage



Samples



Transport

UN Certification #: 160 104*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
<u>KITS00035</u>	1000ml 95 kPa	135 x 135 x 190	1000ml 95 kPa jar / UN3373 printed Box / Bubble Wrap 30x40 cm / Rack Foam 14 holes	584	250
<u>KITS00036</u>	1000ml 95 kPa	135 x 135 x 190	1000ml 95 kPa jar / UN3373 printed Box / Bubble Wrap 30x40 cm / 2 x A5 95 kPa Bags 4 x 150ml Absorbent Bags	614	250
<u>KITS00082</u>	1000ml 95 kPa	135 x 135 x 190	1000ml 95 kPa jar / UN3373 printed Box / Bubble Wrap 30x40 cm / 4 x 150ml Absorbent Bags	584	250
<u>KITS00133</u>	1000ml 95 kPa	135 x 135 x 190	1000ml 95 kPa jar / UN3373 printed Box / Bubble Wrap 30x40 cm / Rack Foam 14 holes PSE aluminized	596	250



Pot 95kPa 1000ml

**UN3373: 1250ml**

Storage



Samples



Transport

UN Certification #: 991 837*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
KITS00079	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box / Bubble Wrap 30x40 cm / 14 hole foam rack / A5 95 kPa Bag	304	324
KITS00080	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box / Foam 98x120mm 2 tubes / Foam 98x6 mm rings / Bubble Wrap 30x40 cm / A5 95 kPa Bag / 150ml Absorbent Bag	308	324
KITS00083	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box / Key 10 holes / Rack 10 tubes / Braces 36 boxes / Foam 98x120mm 2 tubes / Foam 98x6 mm rings / A5 95 kPa Bag / 150ml Absorbent Bag	326	324
KITS00084	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box A5 95 kPa Bag 150ml Absorbent Bag	306	324
KITS00121	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box / Zip Bag 180x280 / Bubble Wrap 30x40 cm / A5 95 kPa Bag / Absorbent Shell Holder 6 cases	324	324
KITS00045B	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box / Rack 10 tubes / Foam 98 x 120mm 2 tubes / Foam 98 x 6 mm rings / Bubble Wrap 30x40 cm / A5 95 kPa Bag / 150ml Absorbent Bag	318	324
KITS00087B	1250	123 x 123 x 196	1250ml jar / UN3373 printed Box / Foam 98 x 120mm 2 tubes / Foam 98 x 6 mm rings / A5 95 KpA Bag / 150ml Absorbent Bag	300	324

UN3373: 1250ml



UN3373: Polairpack®



Storage



Samples



Transport



Maintian the
Temperature

UN Certification #: 160 101*

Item



Useful
Capacity

External
Dimensions
L x w x H (mm)

Composition

Empty
System
weight
(g)

Units
Per
Pallet*

KITS00042

210 x 190 x 270

2L35 UN3373 printed Polairpack
Clamping for FEFCO box
Absorbent Shell Holder 6 cases
A5 95 kPa Bag

610

147



Box 2L35



A5 95kPa Bag



Absorbent Shell
Holder 6 cases



UN3373: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- Ambient Temperature
- In 2/8°C with gelpacks for a duration up to 48 hours
- Between -80°C and -60°C with dry ice for a duration up to 66 hours

UN Certification #: 160 102*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
KITS00053	330	250 x 250 x 240	5L30 UN 3373/DI printed Polairpack / Clamping 5L30 / A5 95 kPa Bag / 150ml Absorbent Bag	944	128
KITS00070		250 x 250 x 240	5L30 UN3373 printed Polairpack / Clamping 5L30 / Absorbent Shell Holder 6 cases / A5 95 kPa Bag	924	128
KITS00086*		250 x 250 x 240	5L30 UN3373 printed Polairpack / Clamping 5L30 / Bubble wrap 30X40 / Zip bag / A5 95 kPa Bag / 150ml Absorbent Bag	928	128
KITS00091	330	250 x 250 x 240	5L30 UN3373 printed Polairpack / Clamping 5L30 / Zip Bag 100x200x60 / Bubble wrap 30X40 / "DRY ICE" Label 21,5x17cm / A5 95 kPa Bag / 150ml Absorbent Bag	956	128
KITS00154	330	250 x 250 x 240	5L30 Polairpack / Clamping / "DRY ICE" Label 21,5x17cm / A5 95 kPa Bag / 150ml Absorbent Bag	956	128

*gelpack option available on request

UN3373: Polairpack® 5L30



UN3373: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- Ambient Temperature
- In 2/8°C with gelpacks for a duration up to 48 hours
- Between -80°C and -60°C with dry ice for a duration up to 60 hours

UN Certification #: 160 103*

Item	Useful Capacity	External Dimensions <i>L x w x H (mm)</i>	Composition	Empty System weight <i>(g)</i>	Units Per Pallet*
 KITS00056		280 x 280 x 275	5L45 UN3373/DI printed Polairpack A5 95 kPa Bag 150ml Absorbent Bag	1298	72



Box 5L45 DI



UN3373: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- Ambient Temperature
- In 2/8°C with gelpacks for a duration up to 48 hours
- Between -80°C and -60°C with dry ice for a duration up to 48 hours

UN Certification #: 160 105*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
KITS00107	1000	310 x 310 x 320	10L40 UN3373 printed Polairpack / Clamping 10L40 / "DRY ICE" Label 21,5x17cm / Bubble Wrap 30x40 cm / 2 x 150ml Absorbent Bags	2216	54
KITS00030	1250	310 x 310 x 320	10L40 UN3373 printed Polairpack / Clamping 10L40 / "DRY ICE" Label 21,5x17cm / Zip Bag 180x280 / Bubble Wrap 30x40 cm / A5 95 kPa Bag / 2 x 150ml Absorbent Bags	1960	54
KITS00052		310 x 310 x 320	10L40 UN3373 printed Polairpack / Clamping 10L40 / Bag BIOPOUCH A3 Format 350x445 / 4 x 150ml Absorbent Bags	1838	54
KITS00054*	1250	310 x 310 x 320	10L40 UN3373 printed Polairpack / Clamping 10L40 / Zip Bag 180x280 / Bubble Wrap 30x40 cm / A5 95 kPa Bag / 2 Absorbent Bags 150ml	1948	54
KITS00099	1500	310 x 310 x 320	10L40 UN3373 printed Polairpack / Clamping 10L40 / "DRY ICE" Label 21,5x17cm / Zip Bag 180x280 / A5 95 kPa Bag / 2 x 150ml Absorbent Bags	1802	54
KITS00090B	1250	310 x 310 x 320	10L40 UN3373 printed Polairpack / Clamping 10L40 CARTON 6.2 / Zip Bag 180x280 / Bubble Wrap 30x40 cm / Rack Foam 14 holes / A5 95 kPa Bag / 2 x 150ml Absorbent Bags	1962	54

*gelpack option available on request

UN3373: Polairpack® 10L40



UN3373: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- In 2/8°C with gelpacks for a duration up to 72 hours
- In 15/25°C with gelpacks for a duration up to 96 hours
- Between -80°C and -60°C with dry ice for a duration up to 110 hours

UN Certification #: 160 098*

UN Certification #: 180 238*

Items



Useful
Capacity

External
Dimensions
L x w x H (mm)

Composition

Empty
System
weight
(g)

Units
Per
Pallet

KITS00073

380 x 380 x 340

11L65 Polairpack / Clamping 11L65
/ 11L65 Inner Box / Bag BIOPOUCH
A3 350x445mm / 4 x 150ml
Absorbent pads

3362

30

KITS00074

430 x 360 x 450

22L60 Polairpack / Label UN3373 /
22L60 Inner box / Bag BIOPOUCH
A3 350x445mm / 4 x 150ml
Absorbent pads

4490

24





UN3373: Polairpack®



Storage



Samples



Transport



Keep
temperature

These complete kits are certified for transport:

- Ambient temperature
- Between -80°C and -60°C with dry ice for a duration up to 67 hours

UN Certification #: 160 099*

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
 KITS00032*	2 x 3000	450 x 390 x 385	30L40 UN3373 printed Polairpack / Clamping 30L40 6.2 200x355 / 2 Zip Bags 230x320 / 2 Bubble Wrap 30x40 cm / "DRY ICE" Label 21,5x17cm / 2 Bags BIOPOUCH A3 Format 350x445 / 8 Absorbent Bags 150ml	3830	30

**gelpack option available on request for temperature sensitive payload*



UN3373: Polairpack® 30L40



UN3373: Polairpack®



Storage



Samples



Transport



Maintain the
Temperature

These complete kits are certified for transport :

- Ambient temperature
- Between -80°C and -60°C with dry ice for a maximum duration of 50H00

UN Certification #: 160 100*

UN3373: Polairpack® 55L40

Items	Useful Capacity (ml)	External Dimensions L x w x H (mm)	Composition	Empty System weight (g)	Units Per Pallet
 KITS00051		530 x 530 x 420	55L40 UN3373 printed Polairpack / Clamping 55L40 6.2 200x420 / "DRY ICE" Label 21,5x17cm / 4 A3 BIOPOUCH Bags 350x445 / 16 Absorbent Bags 150ml	4811	16
KITS00033B	3000	530 x 530 x 420	55L40 UN3373 printed Polairpack / Clamping 55L40 6.2 200x420 / Label "UN3373" GREAT / 4 Zip Bags 180x280 / 4 Bubble Wrap 30x40 cm / 4 A3 BIOPOUCH Bags 350x445 / 16 Absorbent Bags 150ml	5939	16

*Certificate of Registration is available upon request

Services





1

SPECIFICATION DESIGN

Our design team will analyse your specific technical needs and logistics constraints and come up with a design proposal.

2

DESIGN

We will develop and provide you with a solution designed to meet your requirements.

3

SIMULATION

Our design team is equipped with a digital simulator to pre-assess the performance of an isothermal transportation box.



4

PROTOTYPING

We manufacture prototype boxes in order to carry-out all the technical and ergonomics assessment required in the specifications.

5

QUALIFICATION TESTS

Our test laboratory will perform all qualification and performance tests following AFNOR NF99-700 standard testing procedure, implementing standard or specific temperature profiles.



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