

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET14701A**

HOLDER OF CERTIFICATE:
PacsOn Helmer Nilsson AB

425 kg max




MANUFACTURER: VPK Packaging AB, Gamla Bruksgatan 70, SE-668 40 Bäckefors, Sweden

MARKING ON PACKAGING:

Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high.

 **50G/Y/MMYY/N/NET14701A-ID
765/425**

-  : The United Nations symbol
- 50G : Fibreboard large packaging
- Y : Packaging group II and III
- MMYY : To be replaced with the month and year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET14701A - ID : Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
- 765 : The stacking test load in kg
- 425 : The maximum permissible gross mass in kg

PRODUCT:

Description	Material
Rigid fibreboard packaging suitable for mechanical handling with an pallet of natural wood	Corrugated fibreboard / wood details in report

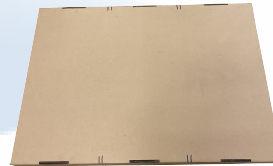


DIMENSIONS:

Volume, l	L*W*H, mm	Drawing
413	1170*760*465	S847501, S847502, Dn-C258-00000-E, APS01410044

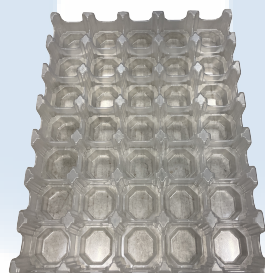
CLOSING MECHANISM:

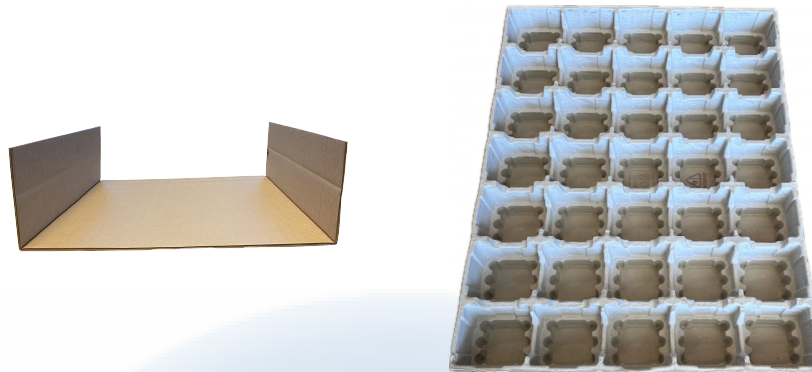
Closure type	Producer	Drawings	Material
Lid	VPK Packaging AB	S847502, FEFCO RD423	VPK 45051
2 pc of plastics straps	Any	-	12*0.5



OTHER PARTS:

Type	Producer	Drawing	Material	Dimensions, mm
Post pallet	Nefab Edge Emballage AB	Pall	Wood	1025*810*132
Theroformed Spiked Tray	PacsOn Helmer Nilsson AB	Dn-C258-00000-E	Plastic, details in report	760*582*0.8
Cardboard pulp Tray	Ecopulp Finland Oy	Battery tray 5x7 ver6	Cardboard pulp, 240-300 kg/m3	750*580*2
Top filling sheet, to be folded	VPK Packaging AB	S847503	VPK 70020S	936*755*7





LEGISLATION:

The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

REGULATIONS BASED UPON FOR APPROVAL:

UN Recommendations on the Transport of Dangerous Goods.

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IATA, Dangerous Goods Regulations, for the air transport.

TESTS CARRIED OUT:

Prototype tests performed and approved according to the above regulations:

6.6.5.3.1 Bottom lift test

6.6.5.3.3 Stacking test

6.6.5.3.4 Drop test

APPROVAL IS VALID FOR:

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Content	Dimensions, mm	Weight of content, kg
UN 3480, lithium ion batteries. One lithium-ion battery, consisting of 70 modules, Brix 210	395 * 99 * 87	403.5
UN 3480, lithium ion batteries. One lithium-ion battery, consisting of 70 modules, Brix 150	297 * 99 * 87	403.5

UN 3480, lithium ion batteries. One lithium-ion battery, consisting of 70 modules, Brix 105	219 * 99 * 87	403.5
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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET14701A	23.12.2021	NET	Type approval
NET14701A2	21.01.2022	NET	Technical evaluation
NET14701A3	26.04.2024	NET	Additional type test, tray

VALIDITY:

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

TEST STANDARD:

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.



BREVIK, NORWAY

15.05.2024 CERTIFICATE IS VALID UNTIL:

31.05.2029



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification