

**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET8514A**

HOLDER OF CERTIFICATE:
DESAPAC AB

900 kg max



MANUFACTURER:


Dingzhou Tian Yilong Metal Products Co., Ltd., Liusu Industrial Zone, Dingzhou 073000, Hebei Province, P.R.C., China

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.



**50A/Y/MMYY/N
NET8514A-ID
1758/900**

-  : The United Nations symbol
- 50A : Large packaging, steel
- 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
- NET8514A - ID : Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer
- 1758 : The stacking test load in kg
- 900 : The maximum permissible gross mass in kg

PRODUCT:

Description	Drawings
A steel box with removable lid in two parts. The frames and pallet are in steel, the cover in plastics.	8514A-1-001

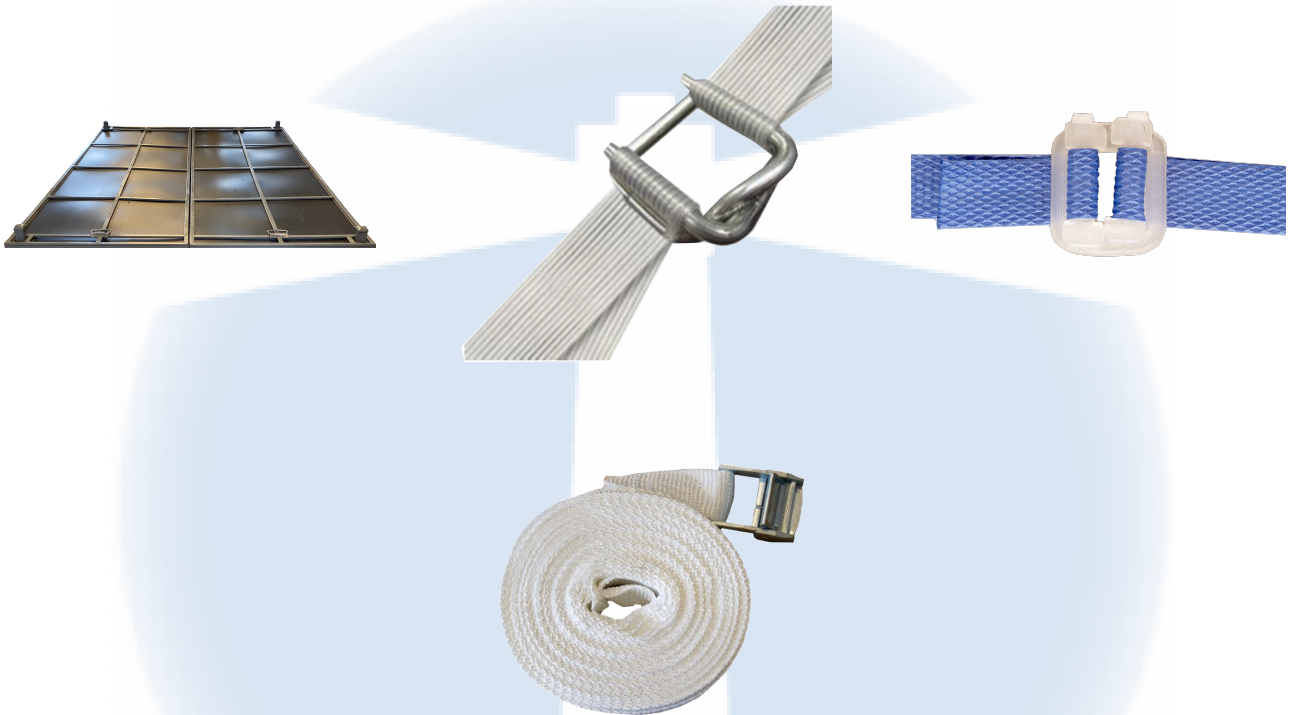


DIMENSIONS:

Packaging weight, kg	Volume, l	Length, mm	Width, mm	Height, mm
210	2730	2440	1665	740

CLOSING MECHANISM:

#: Lid with strap 2, 2.1 or 2.2	Responsible distributor	Drawings/ Description	Material
1: Lid in two parts	DESAPAC AB	8514A-1-002	Steel/ Plastic
2: Strapping * 4	Any	12 mm, 130 kg	PP
2.1: Strapping * 4	Any	35 mm, 1000 kg	Polyester
2.2: Strapping * 4	Any	16 mm, 450 kg	Polyester



OTHER PARTS:

Type	Drawing/ Description	Material
Box Coaming	8514A-1-006	Plastic, details in report
Pole	8514A-1-005	Steel
Box base	8514A-1-003	Steel with shock absorber in rubber
Strapping * 2	EN12195-2, 408 kg, 300 + 4700 mm	PES webbing



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; LP903/LP904.

Content	Battery dimensions, mm	Battery weight, kg
UN3480, Lithium ion battery: Volvo 2P6S, packed in accordance with the instruction of packaging: baRa NET8514-1, provided by the certificate holder.	2303*1524*259	656

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET8514A	17.06.2022	NET	Type approval
NET85TE05	20.05.2022	NET	Technical evaluation, 2.1
NET85TE06	29.06.2022	NET	Technical evaluation, 2.2

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

17.02.2023

CERTIFICATE IS VALID UNTIL:

31.08.2027

Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification