# TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET9610A

CERTIFICATE HOLDER:
**Cowin Svenska AB**

**495 kg max**



**RESPONSIBLE DISTRIBUTOR:** Cowin Svenska AB, Örjansgränd 1, 721 32 Västerås, Sweden

**UN MARKING:**
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.

**(un) 50H/Y/MMYY/N/NET9610A - ID/891/165**

| | |
|---|---|
| (un) | : The United Nations symbol |
| 50H | : Plastics large packaging |
| Y | : Packaging group II |
| MMYY | : To be replaced with the month and year (last two digits) of manufacture |
| N | : Norway, the state authorizing the allocation of the mark |
| NET9610A - ID | : Identification of the LP followed by "ID" to be replaced by the name or symbol of the manufacturer |
| 891 | : The stacking test load in kg |
| 165 | : The maximum permissible gross mass in kg |

**PACKAGING DESIGN:**

| Description | Material |
|---|---|
| Plastics large packaging, corrugated plastics in walls, solid plastic in pallet and lid | HDPE and PP details in report |



**DIMENSIONS:**

| Volume, l | Length, mm | Width, mm | Height, mm | Drawing |
|---|---|---|---|---|
| 1064.0 | 1900 | 800 | 700 | System 1908 H700 |



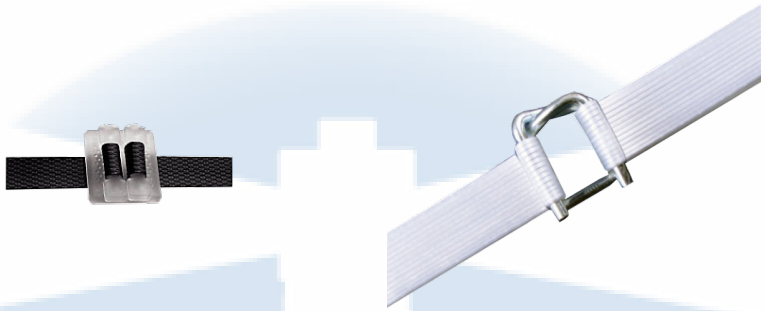
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VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

**CLOSURES AND FITTINGS:**

| #: Lid with strap 2 or 2.1 | Producer | Drawings | Material |
|---|---|---|---|
| 1: Thermoformed plastics lid | Details in report | System 1908 H700 / 8950027 | HDPE, details in report |
| 2: Strap*2 | Any | 12 mm, 130 kg | PP |
| 2.1: Strap*2 | Any | 16 mm, 450 kg | Polyester |



**OTHER PARTS:**

| Type | Description | Drawing | Material |
|---|---|---|---|
| Interior DESAPAC | Details in report | Bodenplatte 1845*745*3 | HDPE, details in report |
| Reinforced plastics pallet | Details in report | System 1908 H700/ 5750003 | HDPE/ steel, details in report |

**AUTHORITY:**
NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.
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.

**APPLICABLE REGULATIONS:**
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.

**TESTS PERFORMED:**
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

**SCOPE OF APPROVAL:**
The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to confirm that they remain free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be


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ensured.
Packagings showing any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or permanent withdrawal from service. All functional components - including closures, gaskets, and valves - must remain intact and fully operational to ensure continued conformity.
Packagings that no longer fulfil these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

**APPROVED CONTENT:**

| Approved content |
|---|
| Lithium ion batteries, UN3480, packed in accordance with the instruction of packaging; DESAPAC, provided by the certificate holder |

**DOCUMENTS FORMING THE BASIS FOR APPROVAL:**

| Report id. | Date | Issued by | Scope |
|---|---|---|---|
| NET8507A | 27.01.2021 | NET | Type approval |
| NET85TE06 | 29.06.2022 | NET | Technical evaluation, 2.1 |

**VALIDITY:**
This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.
The certificate may be withdrawn at any time.
The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.
The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.
Continued validity requires 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 programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

**TEST METHODS AND STANDARDS:**
All tests are performed in accordance with NET accredited test method ATM001.
The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.

NORSK AKKREDITERING TEST 259

BREVIK, NORWAY **03.11.2026** CERTIFICATE IS VALID UNTIL: **31.05.2031**

Anita Gusfre Thoner
Certification Officer

Rune Madsen Fink
Control Officer

*Nordisk Emballasje Testing Certification*


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