

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET11409A**

HOLDER OF CERTIFICATE:

Quadpak AB


MANUFACTURER:

Toscana Ondulati S.p.A, Via del Fanuccio, 126 Marlia 55012, Capannori (Lucca), Italy

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 6 mm high.

 **4G/Y19/S/YR/N/NET11409A - ID**

-  : The United Nations symbol
- 4G : Fibreboard boxes
- Y19 : Packaging group II and III, max gross mass in kg
- S : Intended for carriage of solids or inner packagings, see content table
- YR : To be replaced with the year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET11409A - ID : Identification of the packaging followed by ID; written on box either as LOM BOX or QUADPAK

PRODUCT:

Description/ Method of manufacture	Manufacturer 's joint	Material
FEFCO 0201, slotted type	Glued	Corrugated fibreboard, double wall board, details in report

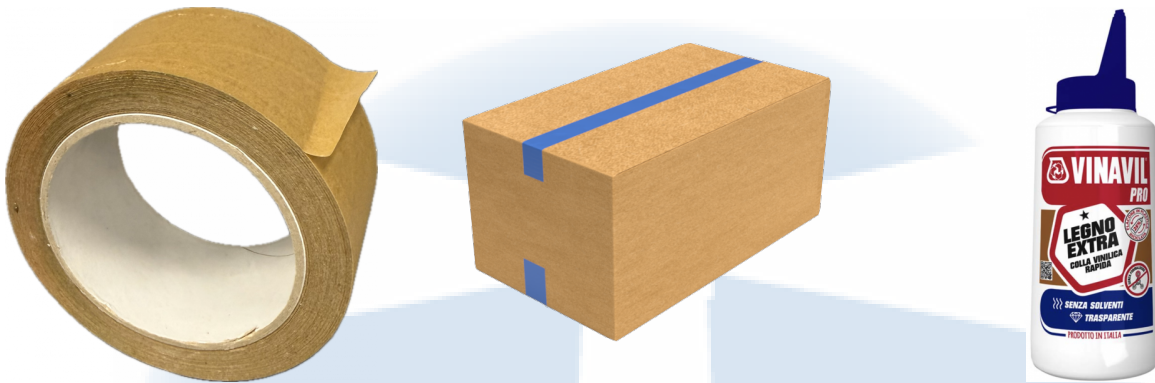


DIMENSIONS:

Volume, l	L*W*H, mm	Thickness, mm	Explosive approved	Pressure tested	Drawing
19.5	290*250*270	7.0	No	No	297x257x285-R EV4

CLOSING MECHANISM:

Closure type	Producer	Dimensions, mm	Material
Tape; "U"- pattern, 50 mm over edge	Technon SLR (Distributor)	50*0.120	Reinforced paper tape, CARINNAV5 OX500RG
Glue, Vinavil Pro	Vinavil S.p.A.	According to instructions from Quadpak	Waterbased



INNER PACKAGING:

Type	Producer	Dimensions/ Drawing	Material
Stand alone pouch/ Cheertainer SB SC	Quadpak AB	286*524*127 mm, Thickness 15µ/55µ + 80µ	OPA/ LLDPE + LLDPE
Fitment: VG1017 + VT1019	Modulpac AB	32 mm push in Transp UN	LLDPE + LLDPE/ PP



LEGISLATION:

The approval 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. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet (www.net17025.com/Sertifisering/UN_ADR/cid/30758/).

NET issues the certification on described product according to delegated authority from Norwegian 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 - 2023/4375 PRAX.

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:
 6.1.5.2.3 Preparation of packaging, relativ humidity
 6.1.5.3 Drop test
 6.1.5.6 Stacking 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
Liquid substances, in plastic stand alone pouch, that do not adversely affect the packaging materials

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET11409A2	03.12.2024	NET	Type test
NET11409A	07.11.2024	NET	Type approval

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 NS-EN ISO 16106:2020.

TEST STANDARD:

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 and NS-EN ISO 13274:2013.



BREVIK, NORWAY

05.12.2024 CERTIFICATE IS VALID UNTIL:

31.12.2029




Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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