

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET11405A**

HOLDER OF CERTIFICATE:

Quadpak AB

MANUFACTURER:

Cartolot, S.A. Carretera del Corb 6, 17178 Les Preses, Girona, Spain

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.

u **4G/Y13.8/S/YR**
n **N/NET11405A - ID**

- u** : The United Nations symbol
- n** : Fibreboard boxes
- 4G** : Fibreboard boxes
- Y13.8** : Packaging group II and III, max gross mass in kg
- S** : Liquids in inner packaging
- YR** : To be replaced with the (last two digits of the year of manufacture
- N** : Norway, the state authorizing the allocation of the mark
- NET11405A - ID** : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description	Manufacturer´s joint	Material
FEFCO 0201, slotted type	Glued joint	Corrugated fibreboard, double wall board, details in report

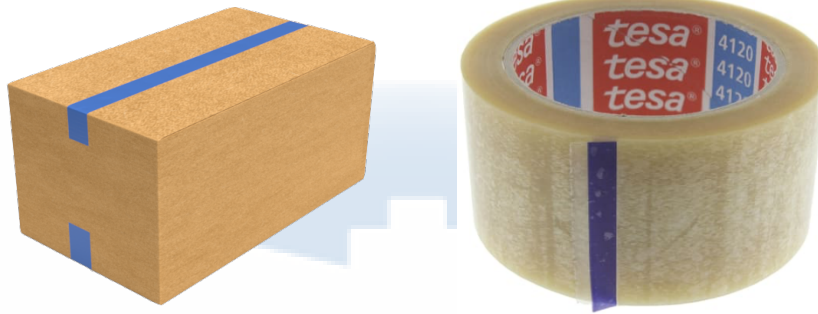


DIMENSIONS:

Volume, l	L*W*H, mm	Thickness, mm	Drawing
10.0	229*229*208	4.2	2215813

CLOSING MECHANISM:

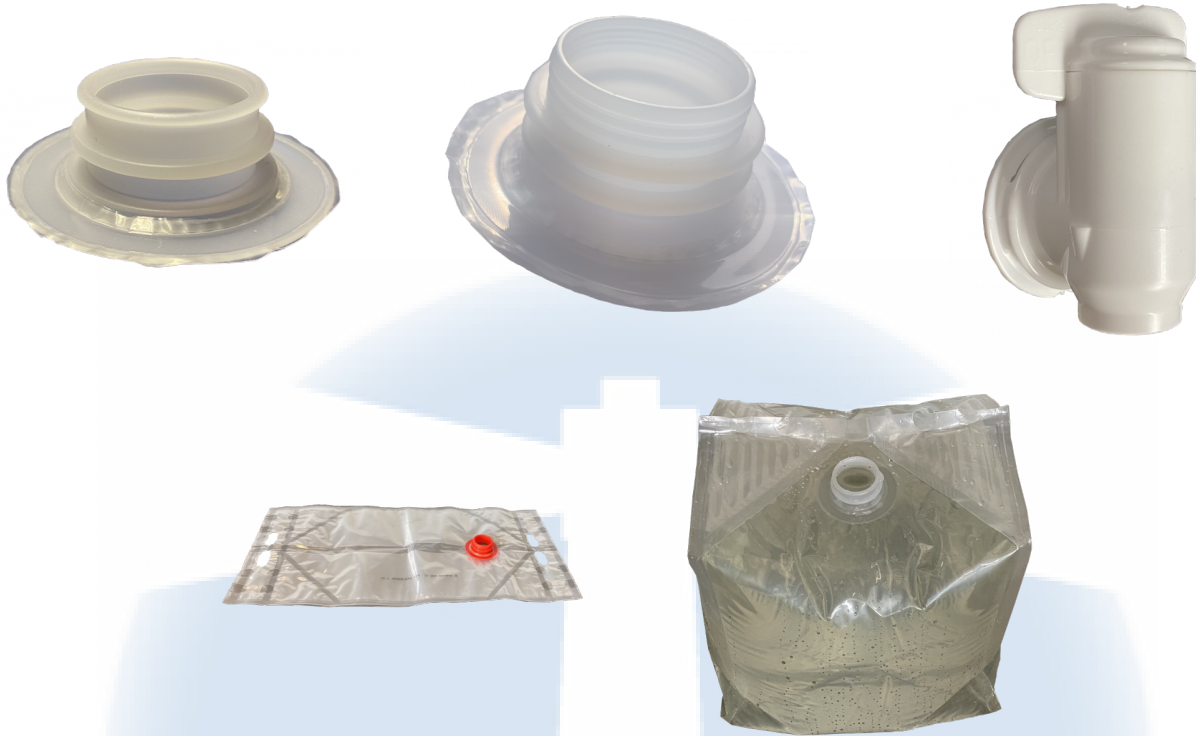
Tape	Producer	Dimensions, mm	Material
"U"-pattern, 50 mm overlap	TESA	0.05 * 50	TESA PVC 4120



INNER PACKAGING:

Type	Producer	Dimensions/ Drawing	Material
1: Stand alone pouch / Cheertainer	Quadpak AB	540 or 440*230*105 mm, Thickness 15µ/55µ + 80µ	OPA/ LLDPE + LLDPE
2: Stand alone pouch / Cheertainer	Quadpak AB	540 or 440*230*105 mm, Thickness 36µ/55µ + 80µ	PET/LLDPE + LLDPE
3: Body/ 38 mm screw cap	Maierhöfer GmbH	Adapter with membrane/ 605, screw cap/ 606	LLDPE/ PP
4: QCV/ DGV Valve	Espiracle S.L.	X-0148/ X-0194	PE/ Steel/ EPDM
5: CMB Valve	Maierhöfer GmbH	Adapter for CMB connector/ 35-2.1	PE/ Steel/ EPDM or NBR
6: Maxiflow tap	ITW Fastex	TRU-SEAL® MAXIFLOW TM HR TAP 3 PC/ 390-0400	PP/ HDPE
7: 30G spout in LLDPE	Modulpac AB	30 mm/7300001	PE
8: TRU-Seal std spout in MDPE	ITW Fastex	30 mm/396-0248	MDPE





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 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:

6.1.5.3 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
Liquids in inner packaging

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET11405AZ	12.06.2024	NET	Type approval
NET114TE02	10.06.2024	NET	Technical evaluation

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 NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.



BREVIK, NORWAY

13.06.2024 CERTIFICATE IS VALID UNTIL:

30.06.2029



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification