

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET11405B**

HOLDER OF CERTIFICATE:
Quadpak AB

MANUFACTURER: Graficas Condal, S.A., Carretera de Montcada, 750, Nau 12, 08227 Terrassa, Barcelona, 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/NET11405B - 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
- NET11405B - 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, single wall board, details in report |

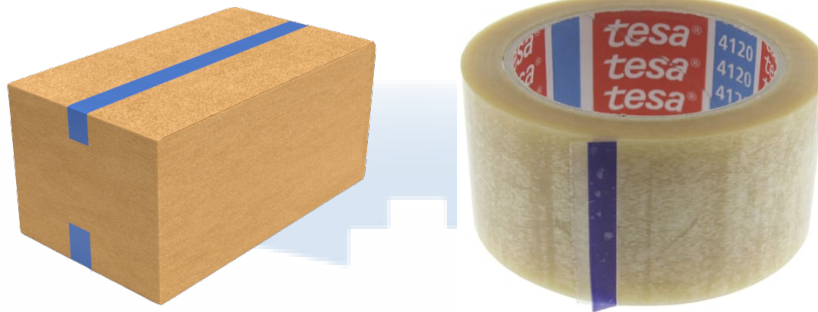


DIMENSIONS:

| Volume, l | L*W*H, mm | Thickness, mm | Drawing |
|-----------|-------------|---------------|-------------------------|
| 10.0 | 229*229*208 | 3.3 | Detalle plano MAYO 2024 |

CLOSING MECHANISM:

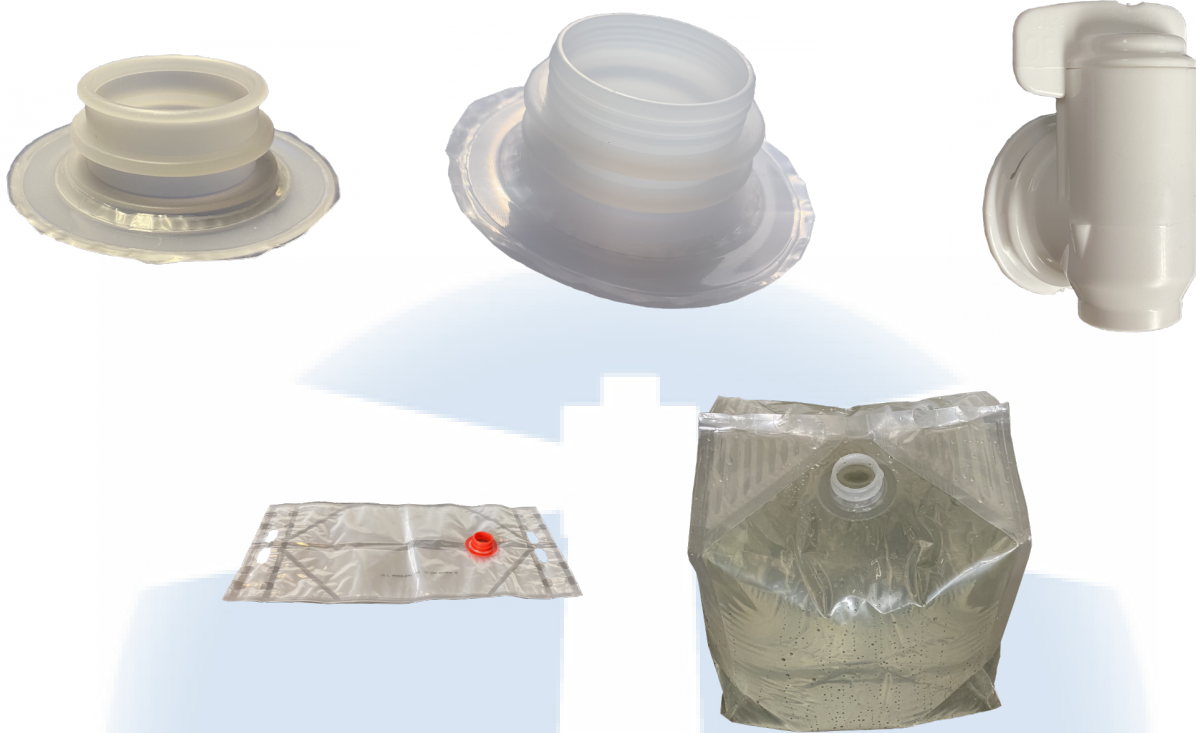
| Tape | Producer | Dimensions, mm | Material |
|----------------------------|----------|----------------|---------------|
| "U"-pattern, 50 mm overlap | TESA | 0.05 * 50 | TESA PVC 4120 |



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 |
|------------|------------|-----------|----------------------|
| NET11405BZ | 12.06.2024 | NET | Type approval |
| NET114TE03 | 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

15.06.2024 CERTIFICATE IS VALID UNTIL:

30.06.2029



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification