

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6717A

HOLDER OF CERTIFICATE:
Emballator Ulricehamns Bleck AB

MANUFACTURER: Emballator Ulricehamns Bleck AB, Maskinvägen 10, SE-52338 Ulricehamn, Sweden

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.

Ⓢ **1A2/Y2.0/100/YR/N/NET6717A - ID**

- Ⓢ : The United Nations symbol
- 1A2 : Steel drums, removable head
- Y2.0 : Packaging group II and III, and max and relative density of the substance
- 100 : Hydraulic test pressure in kPa
- YR : To be replaced with the year (last two digits) of manufacture
- N : Norway, the state authorizing the allocation of the mark
- NET6717A - ID : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description	Method of manufacture	Material	Drawing
Steel drums, removable head	A process that involves rolling and welding, triple seamed bottom	Steel sheet TS275	100447



DIMENSIONS:

Volume, l	H*Ø, mm	Head/ Body/ Bottom, mm
1: 25.0	457	0.43 / 0.36 / 0.38
2: 20.0	369	0.43 / 0.36 / 0.38
3: 20.0	377	0.43 / 0.36 / 0.38
4: 15.0	288	0.43 / 0.36 / 0.38
5: 12.0	234	0.43 / 0.36 / 0.38

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket
1: Clamped on lid	Emballator Ulricehamn Bleck AB	100455	Steel sheet TS275	PVC
2: Clamped on lid, S2 center	Emballator Ulricehamn Bleck AB	100458	Steel sheet TS275	PVC
3: Clamped on lid, HZB of center	Emballator Ulricehamn Bleck AB	100459	Steel sheet TS275	PVC
4: Clamped on lid, S2 out of center	Emballator Ulricehamn Bleck AB	100460	Steel sheet TS275	PVC
5: Clamped on lid, HZB out of center	Emballator Ulricehamn Bleck AB	100461	Steel sheet TS275	PVC
6: Clamped on lid	Emballator Ulricehamn Bleck AB	100462	Steel sheet TS275	PU
7: Clamped on lid, S2 center	Emballator Ulricehamn Bleck AB	100463	Steel sheet TS275	PU
8: Clamped on lid, HZB center	Emballator Ulricehamn Bleck AB	100464	Steel sheet TS275	PU
9: Clamped on lid, S2 out of center	Emballator Ulricehamn Bleck AB	100465	Steel sheet TS275	PU
10: Clamped on lid, HZB out of center	Emballator Ulricehamn Bleck AB	100466	Steel sheet TS275	PU



INNER PACKAGING:

Type	Producer	Drawing	Material	Thickness	Approved with packaging
Moulded PP Plastic bag	Nitel	600224-PA	PP	230 my	2 and 3



LEGISLATION:

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 - 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:

6.1.5.3 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	Max. relative density	Max. vapour pressure, kPa at +50°C	Packaging group
Liquid	2.0	114	II
Liquid	3.0	114	III

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6717A-3	21.11.13	NET	Type approval
NET6717A-2	20.03.13	NET	Type approval
NET6717A-1	21.03.13	NET	Type approval
NET6717A	13.03.12	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 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

20.02.2023 CERTIFICATE IS VALID UNTIL:

29.02.2028



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification