




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET7701A**

HOLDER OF CERTIFICATE:
Emballator Metalpak Oy

MANUFACTURER: Emballator Metalpak Oy, Tampereentie 463, 33880 Lempäälä, Finland

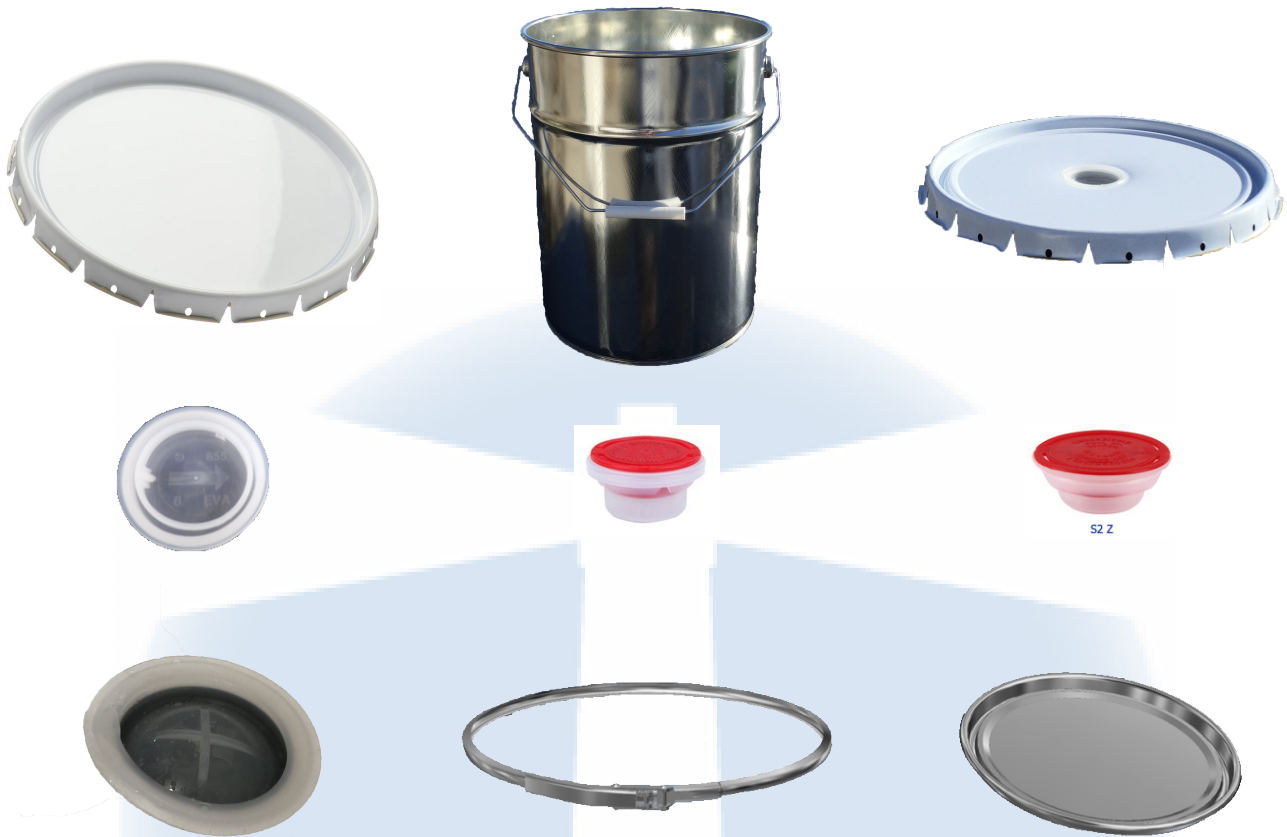
MARKING ON PACKAGING:  **1A2/Y1.6 Z2.4/100/YR/N/NET7701A - ID**
"YR" to be replaced with the two last digits of the year.
"ID" to be replaced by any identification as decided by the manufacturer.

PRODUCT:

Packaging code	Description	Material
1A2, steel drum, removable head	UN-pail 285 mm with one or none bead	Steel sheet EN10202

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket
1: Lug lid	Emballator Metalpak Oy	PAA5007-4	Steel sheet EN10202	PVC compound
2: Lug lid with plastic plug centre	Emballator Metalpak Oy	PAA5007-4	Steel sheet EN10202	PVC compound
2.1: Plastic plug	Frii-Plast Oy	733 7701 apropp	LDPE	None
2.2: Plastic plug, P2 Z	Bericap GmbH	ENG-00-0044760	LDPE	None
2.3: Plastic plug, S2 KAK	Bericap GmbH	ENG-00-004512	LDPE	None
2.4: Plastic plug, HZ B 655	Rieke Germany GmbH	3-6.044A4	LDPE	None
3: Lug lid	Emballator Ulricehamn Bleck AB	100621	Steel sheet EN10202	PVC compound
4: Ring latch lid	Emballator Metalpak Oy	66242-01, 131029	Steel sheet EN10202	PVC compound



DIMENSIONS:

Volume, l	Height, mm	Diameter, mm	Head/Body/Bottom, mm	Drawings
20 with one bead	370	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1090-1 / 6676-01
20 with one bead	370	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1059-1 / 6676-01
13 with one bead	270	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1087-1 / 6676-01
13 with one bead	238	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1030-3 / 6676-01
10 with one bead	210	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1083-1 / 6676-01
10 with one bead	207	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1060-3 / 6676-01
10 without bead	207	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1033-3 / 6676-01
7 without bead	187	285 / 270	0.45 or 0.49/ 0.34 / 0.36	KAR1091-1 / 6676-01

APPROVAL:

The certificate 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. To ensure validation of the certificate, check the NET website.

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.

APPROVAL IS VALID FOR:

The packaging is valid for liquid substances that do not adversely affect the packaging materials. The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. relative density	Packaging group	Max. vapour pressure, kPa at +50°C	Cosure #
Liquid	1.6	II	114	1/2.1/2.4/3/4
Liquid	1.2	II	114	All
Liquid	2.4	III	114	1/2.1/2.4/3/4
Liquid	1.8	III	114	All

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET7701A	16.03.2017	NET	Type approval
NET77TE01	23.03.2017	NET	Technical evaluation, add #2,#4
NET7701A2	21.06.2017	NET	Type test, add #6
S-0852-16	18.01.2016	VTT	Type test
S-04869-12	26.01.2012	VTT	Type test
S-06144-14	11.08.2014	VTT	Type test
NET77TE02	09.03.2018	NET	Technical evaluation / Type test
NET7701A3	15.10.2018	NET	Type test, add lid #3 and 4
NET77TE03	06.09.2019	NET	Technical evaluation, add new 20 L
NET77TE04	29.11.2019	NET	Technical evaluation, add new 7 L

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.



PORSGRUNN, NORWAY

30.11.2019 CERTIFICATE IS VALID UNTIL:**30.11.2024**

Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification