




PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0140SA

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

MANUFACTURER: Emballator Mellerud Plast AB, Box 83, SE-464 22 Mellerud, SWEDEN

MARKING ON PACKAGING:  **3H1/Y1.9/150/YR/N/NET0140SA - 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.
The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code	Description	Drawings	Material
3H1, Plastics jerricans	non-removable head	H2500-610-131, H2000-610-131, H1500-610-131	HDPE, details in report
3H1, Plastics jerricans	non-removable head	H2500-610-142, H2000-610-142, H1500-610-142	HDPE, details in report
3H1, Plastics jerricans	non-removable head	D2500-610-104Å	HDPE, details in report

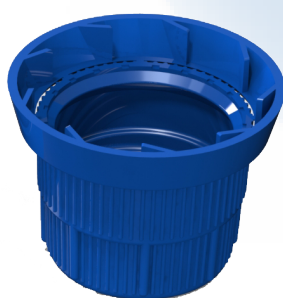


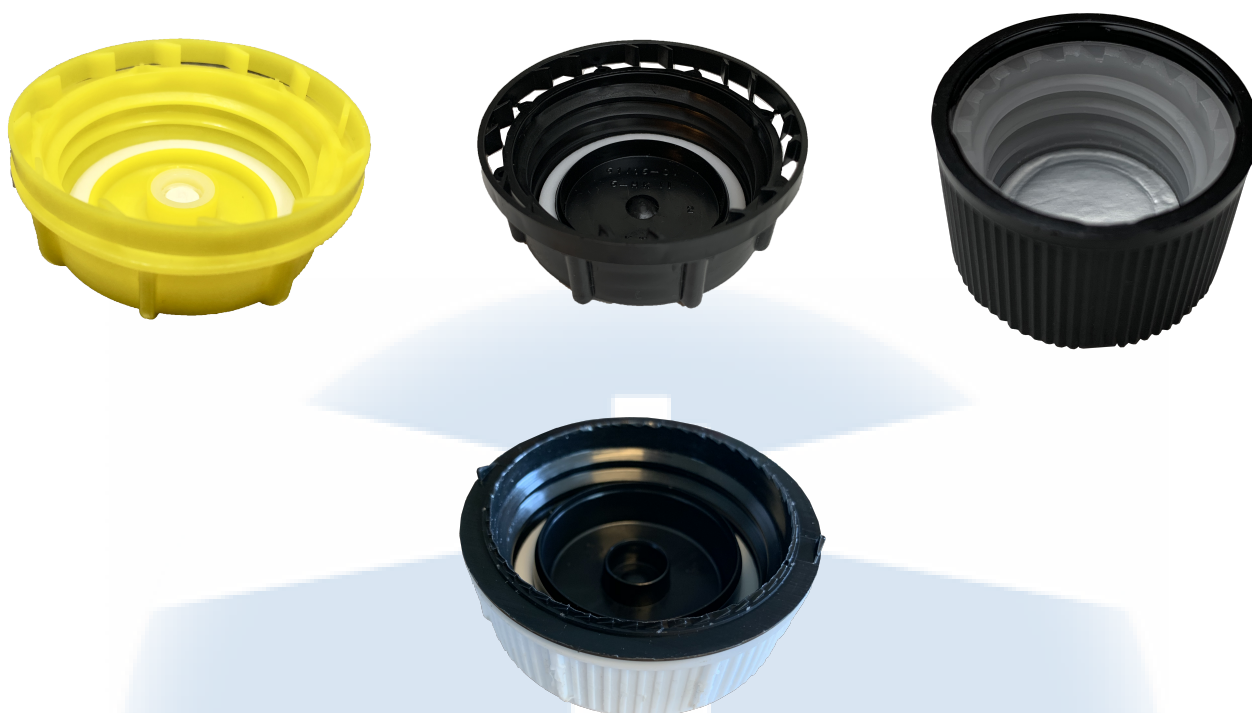
DIMENSIONS:

#: Weight, g	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
1: 922-1499	25.0	288	251	456	61 / 25
2: 808-1323	20.0	288	251	380	61 / 25
3: 703-1160	15.0	288	251	310	61 / 25
4: 1143-1499	25.0	288	251	456	61 / 25
5: 999-1323	20.0	288	251	380	61 / 25
6: 865-1160	15.0	288	251	310	61 / 25
7: 1113-1369	25.0	288	251	456	61 / 22

CLOSING MECHANISM:

#: Screw cap	Producer	Drawings	Material	Gasket	Torque
1: 61 mm	Bergi-Plast GmbH	Kanisterverschluss Nr.61 n. v.8	HDPE, details in report	EPE 300	20 Nm
2: 61 mm vented	Bergi-Plast GmbH	00-1837	HDPE, details in report	EPE 300	20 Nm
3: 61 mm	Bericap GmbH	SK 60/31 MAB MDR	HDPE, details in report	ALKOzell 300	20 Nm
4: 61 mm	KTH GmbH	61/16-ov	HDPE, details in report	Alveocel	20 Nm
5: CR 61 mm	Bericap GmbH	ENG-00-013532	HDPE, details in report	PE/Alkozell/ PE	20 Nm
6: 25 mm	Modulpac AB	25PMPP/ 7250001	HDPE, details in report	PET/Alkozell/ PET	3 Nm
7: CR 22 mm	Modulpac AB	22YD / 22IO	HDPE / HDPE, details in report	Alu wad	3 Nm





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 packaging group II and III containing liquid substances that are listed in the table below.

The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing to this specific liquid.

The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR. Permeability test has been carried out and approved according to ADR 6.1.5.7.

The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Jerrican #	Closure #
Standard liquid C: n-Butyl acetate	1.0	143	4-6	1, 3, 4, 6
Standard liquid E: Nitric Acid	1.4	143	4-6	1, 2, 3, 4, 6
Standard liquid D: Mixture of hydrocarbons	1.0	143	4-6, 7	1, 3, 4, 5, 6, 7
Standard liquid B: Acetic Acid	1.1	143	1-6	1, 3, 4, 6
Standard liquid F: Water	1.9	143	1-6	1, 3, 4, 6
Standard liquid A: Wetting Solution	1.2	143	4-6	1, 3, 4, 6

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0140SA	08.04.2019	NET	Type approval
NET01TE14	13.05.2019	NET	Technical evaluation, 20 and 15 l
NET0140SA3	07.01.2020	NET	Additional type test, cap 2-4
NET0140SA4	10.09.2020	NET	Additional type test, CR caps
NET2812A	17.12.2020	NET	Additional test, 25PMPP

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 and ISO13274.



PORSGRUNN, NORWAY

23.12.2020 CERTIFICATE IS VALID UNTIL:

31.12.2025



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification