

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0124A

HOLDER OF CERTIFICATE:
Emballator Mellerud AB

MANUFACTURER: Emballator Mellerud AB, Industrigatan 6, 464 33 Mellerud, 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 6 mm high. The packaging shall also be appropriately marked with the month of manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the jerricans, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

① **3H1/Y1.4/100/YR/N/NET0124A - ID**

①	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.4	: Packing groups II and III, and maximum relative density 1.4
100	: Hydraulic test pressure in kPa
YR	: To be replaced with the last two digits of the year of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET0124A - ID	: Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

PRODUCT:

Method of manufacture/ Description

Blow-moulded stackable jerrican manufactured from HDPE. Design details are specified in the applicable test reports.

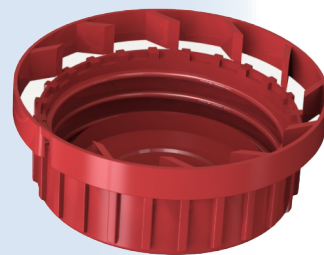
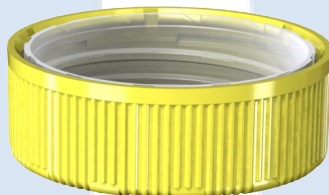
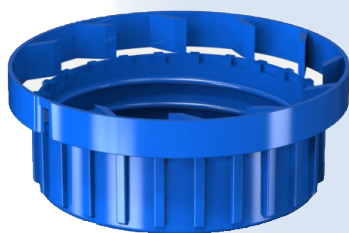


DIMENSIONS:

#: Weight of the packaging, g	Volume, l	L*W*H, mm	Neck size, mm	Drawing
1: 157-164	5.0	195/125/290	40	D0500-410-102
2: 229-240	5.0	195/125/290	40	D0500-410-102
3: 157-240	5.0	195/125/290	40	D0500-410-102
4: 129-135	4.0	195/125/250	40	D0500-410-102
5: 199-208	4.0	195/125/250	40	D0500-410-102
6: 129-208	4.0	195/125/250	40	D0500-410-102

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 40 mm	Modulpac AB	40PMPP/ 7250001	HDPE, details in report	PET/ Alkozell/ PET	8 Nm
2: Screw cap 40 mm	Modulpac AB	40PM/ 8400013	HDPE, details in report	Cone	8 Nm
3: Child resistant 40 mm	Modulpac AB	40B/ 8400002	HDPE, details in report	Cone	8 Nm



LEGISLATION:

NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.

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.

REGULATORY BASIS 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:

6.1.5.2.6 Chemical compatibility

6.1.5.3 Drop test

6.1.5.4 Leakproofness test

6.1.5.5 Internal pressure test

6.1.5.6 Stacking test

6.1.5.7 Supplementary permeability test

APPROVAL IS VALID FOR:

The packaging is approved for liquid substances of packing groups II and III within the limitations specified in the table below. The standard liquids identified by letters A-F are those specified in ADR 6.1.6.1. Chemical compatibility has been demonstrated in accordance with ADR 6.1.5.2.6.

Substances that may be assimilated to the approved standard liquids shall be determined in accordance with ADR 4.1.1.21, including the Assimilation List in 4.1.1.21.6 and, where applicable, the rules for collective entries. The approved maximum relative density shall not be lower than the relative density of the substance to be carried.

The packaging shall always be used in accordance with the requirements applicable to the relevant UN number, classification and packing instruction.

Packagings showing any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or permanent withdrawal from service. All functional components - including closures, gaskets, and valves - must remain intact and fully operational to ensure continued conformity.

Packagings that no longer fulfill these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

Approved content	Max. relative density	Max. vapour pressure, kPa at +50°C	Packaging #	Screw cap #
Standard liquid B: Acetic acid	1.1	114	2, 5	3
Standard liquid D: Mixture of hydrocarbons	1.0	114	1, 4	2, 3
Standard liquid F: Water	1.2	114	2, 5	3
Standard liquid F: Water	1.4	114	3, 6	1, 2, 3

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P803614A	18.11.2008	SP	Type approval
NET01TE02	23.01.2012	NET	Technical evaluation
NET2814A	08.01.2021	NET	Additional test, 40B
NET2824A	23.03.2021	NET	Additional test, 40PMPP
NET2817A2	03.09.2021	NET	Additional test, 40PM

VALIDITY:

This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.

The certificate may be withdrawn at any time.

The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.

The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.

Continued validity requires 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 meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

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 and NS-EN ISO 13274:2013.



BREVIK, NORWAY

07.09.2026 CERTIFICATE IS VALID UNTIL:**30.09.2031**

Anita Gusfre Thoner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification