

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0108A

HOLDER OF CERTIFICATE:
Emballator Mellerud Plast AB

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

 **3H1/Y1.4/100/YR/N/NET0108A - ID**

	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.4	: Packing group II and III, and maximum relative density
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
NET0108A - 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 jerrican manufactured from HDPE. Design details are specified in the applicable test reports.
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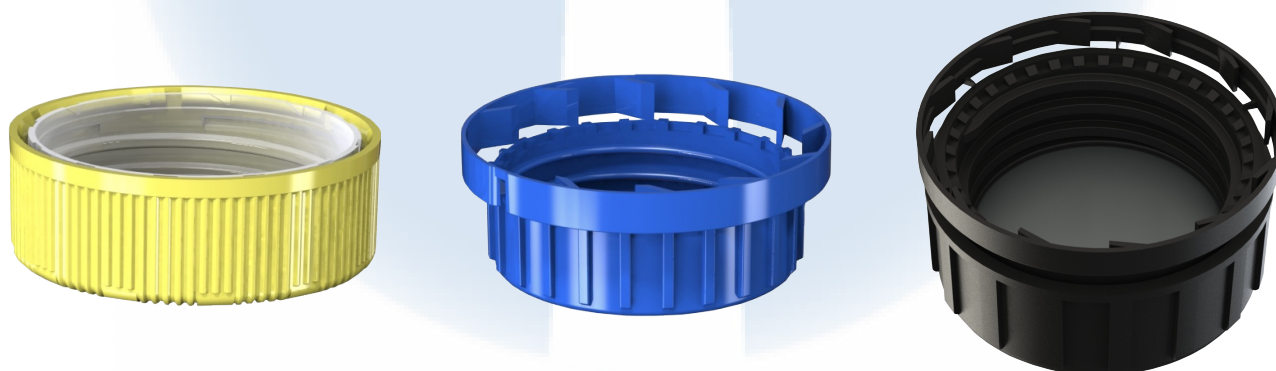


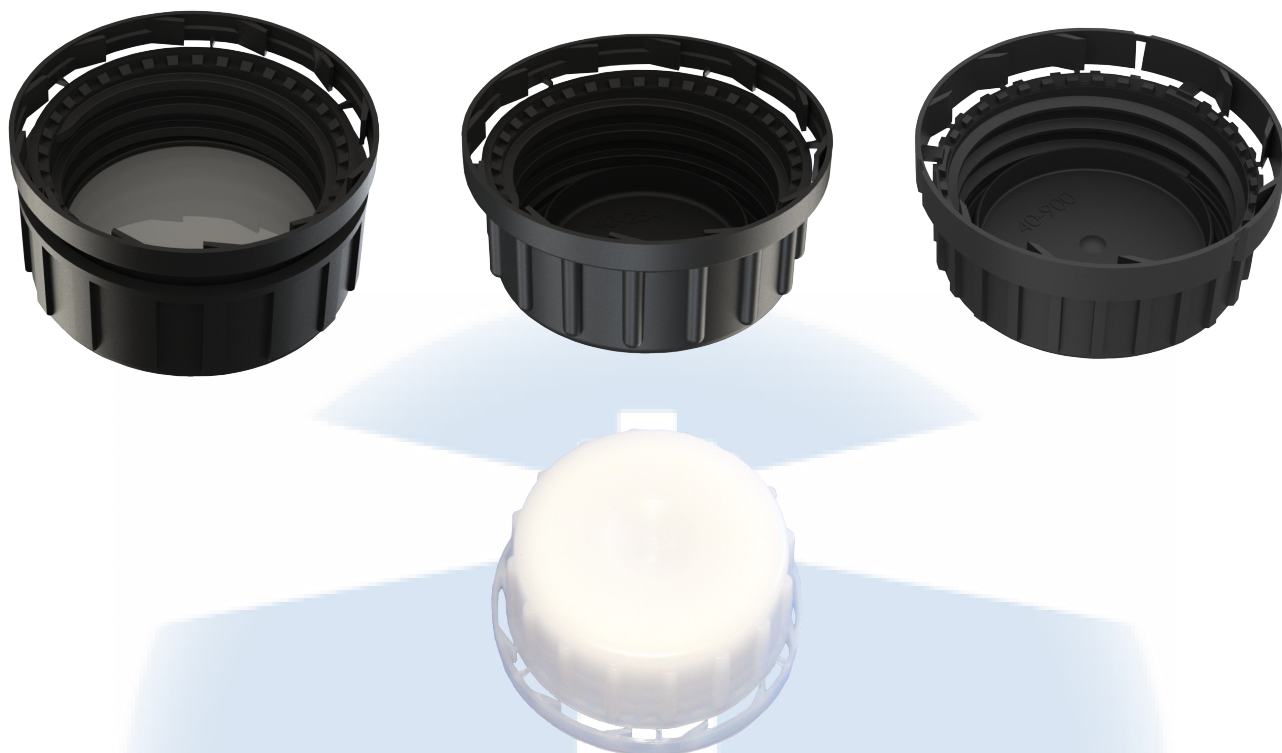
DIMENSIONS:

Weight of jerrycan, g	Volume, litre	L*W*H, mm	Neck size, mm	Drawing
171.2 - 182	5.0	190*130*296	40	H0517-410-300 20060404
151.1 - 160	4.0	190*130*255	40	H0415-410-300 19961115

CLOSING MECHANISM:

Screw cap	Producer	Drawings	Material	Gasket	Torque, Nm
Child resistant, 40 mm	Emballator Vaxjoplast AB	12474	HDPE / HDPE	None	7
Child resistant, 40 mm	Emballator Vaxjoplast AB	12436	HDPE / HDPE	EPE/PET	7
Child resistant, 40 mm	Emballator Vaxjoplast AB	12436	HDPE / HDPE	EPE/ALU/PET	7
40 mm	Emballator Vaxjoplast AB	12486	HDPE	Cone	7
40 mm	Modulpac AB	40PMPP/ 7250001	HDPE, details in report	PET/Alkozell/PE T	7
40 mm	Modulpac AB	40PM/ 8400013	HDPE, details in report	Cone	7
Child resistant, 40 mm	Modulpac AB	40B/ 8400002	HDPE, details in report/ HDPE	PET/EPE/PET	7





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 Packing Groups II and III for liquid substances covered by the standard liquids specified in the table below.

The liquids identified by letters A-F refer to the standard liquids specified in ADR 6.1.6.1. Chemical compatibility with the relevant standard liquid has been demonstrated in accordance with ADR 6.1.5.2.6. Dangerous substances that may be transported in the packaging on the basis of chemical compatibility with these standard liquids are identified in the Assimilation List in ADR 4.1.1.21.6.

Where the provisions for collective entries apply, a substance may only be transported if the approved standard liquid has a relative density equal to or greater than that of the substance to be transported.

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

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to ensure that they remain free from damage, corrosion and contamination and continue to comply with the approved design type.

All functional components, including closures, gaskets and valves, shall remain intact and fully operational. Packagings showing signs of reduced integrity shall be reconditioned or repaired, where permitted, or permanently withdrawn from service.

Packagings that no longer comply with 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
Standard liquid B: Acetic acid	1.1	114
Standard liquid C: n-Butyl acetate	1.0	114
Standard liquid D: Mixture of hydrocarbons	1.0	114
Standard liquid F: Water	1.4	114

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0108A	30.11.2007	NET	Type approval
NET0108A-WL	04.12.2007	NET	Type approval
NET0108A-AA	03.09.2008	NET	Type approval
NET2814A	08.01.2021	NET	Additional test, 40B
NET2817A2	03.09.2021	NET	Additional test, 40PM
NET2824A	23.03.2021	NET	Additional test, 40PMPP

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

08.09.2026 CERTIFICATE IS VALID UNTIL:**30.09.2031**

Anita Gusfre Thoner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification