

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6401B

HOLDER OF CERTIFICATE:
Emballator Mellerud AB

MANUFACTURER: Emballator Mellerud AB, Industrigatan 6 , 464 33 Mellerud , Sverige

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. of an appropriate size.

The packaging shall also be appropriately marked with the month of the 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/Y1.9/200/YR/N/NET6401B - ID**

	: The United Nations symbol
3H1	: Plastics jerricans, non-removable head
Y1.9	: Packaging group II and III, and relative density of the substance
200	: 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
NET6401B - ID	: Identification of the jerrican followed by "ID" to be replaced by the name or symbol of the manufacturer

PRODUCT:

Method of manufacture/ Description/ Min. wall thickness
Blow moulded stackable jerrican performed in HDPE, details in report.



DIMENSIONS:

Weight of the jerrican, g	Volume, l	L*W*H, mm	Thread profile/ Neck size, mm	Drawing
1: 1026 - 1255	20.0	293 * 260 * 384	Buttres/ 60 mm	Falkemballage 20 L
2: 1114 - 1364	25.0	292 * 260 * 444	Buttres/ 60 mm	Falkemballage 25 L
3: 1283 - 1571	30.0	292 * 260 * 510	Buttres/ 60 mm	Falkemballage 30 L

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Thread profile/ Torque, Nm
1: 60 mm	Bericap GmbH	1361701	HDPE	Alkozell 300	Buttress/ 20 Nm
2: 25 mm	Modulpac AB	25 PMO	HDPE	PET/Alkozell/PE T	Buttress/ 3 Nm
3: 60 mm, vented	Bericap GmbH	1361702	HDPE	Alkozell 300	Buttress/ 20 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.

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:

6.1.5.2.6 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 containing liquid substances covered by the standard liquids listed in the table below. The liquids marked with letters A-F refer to the standard liquids defined in ADR 6.1.6.1 and have been verified for chemical compatibility in accordance with ADR 6.1.5.2.6 for this specific packaging.

Dangerous goods permitted for transport following chemical compatibility with these liquids are listed in the "Assimilation list", ADR 4.1.1.21.6. Transport of a substance is only permitted if the approved standard liquid(s), according to the Rule for Collective Entries, have an equal or higher relative density than the substance to be transported.

The packaging shall always be used in accordance with the requirements of the applicable UN code and its relevant packaging instructions.

The packaging covered by this certificate has been prepared and tested as for transport in accordance with the applicable requirements of ADR. The use of other packaging methods, components, or preparations than those described in this certificate may render the approval invalid.

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to confirm that they remain free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be ensured.

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 fulfil these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Standard liquid A: Wetting Solution	1.2	171
Standard liquid B: Acetic Acid	1.2	171
Standard liquid C: n-Butyl acetate	1.0	171
Standard liquid E: White spirit	1.0	171
Standard liquid F: Water	1.9	171

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6401B	27.06.2012	NET	Type approval
NET6401B-1	05.10.2012	NET	Type approval
NET2812A	17.12.2020	NET	Additional test, 25MPP

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 programme 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

12.12.2025 CERTIFICATE IS VALID UNTIL:**31.12.2030**

Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification