



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0231B

HOLDER OF CERTIFICATE:
Berry Packaging Norway AS, Kambo

MANUFACTURER:

Berry Packaging Norway AS, Kambo, Brevikveien 535, N-1506 Moss, Norway

MARKING ON PACKAGING:

Ⓜ 3H1/Y1.9/150/YR/N/NET0231B - 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	Drawing / Product	Material
3H1, 10 L, 61 mm neck	Plastics jerricans, non-removable head	W-3465-09842, Rev.E / 9499	HDPE, details in report
3H1, 10 L, 55 mm neck	Plastics jerricans, non-removable head	W-3465-16679, Rev.E / 9499	HDPE, details in report
3H1, 10 L, 40 mm neck	Plastics jerricans, non-removable head	W-3465-10119, Rev.E / 9499	HDPE, details in report



CLOSING MECHANISM:

#: Screw cap	Producer	Drawings	Material	Gasket	Torque
1: 55 mm	KTH GmbH	KTH 51 / V 5162	HDPE	Alveocel LA	20 Nm
2: 55 mm vented	KTH GmbH	KTH 51 V+S / V5104	HDPE	Alveocel LA	20 Nm
3: 55 mm	RPC Promens Deeside Ltd	Pilfer Proof Din 51	HDPE	EPE liner	15 Nm

4: 61 mm	RPPromens Industrial UK	Promens DIN 61 Ver.2	HDPE	EPE liner	20 Nm
5: 61 mm	Emballator Växjöplast AB	12575 18.08.15	HDPE	EPE/PET, EPE/IHS, EPE/ALU	20 - 25 Nm
6: 61 mm	Bergi-plast GmbH	Kanisterverschluss nr. 61 rev 8	HDPE	EPE liner	20 Nm
7: 61 mm vented	Bergi-plast GmbH	00-1837	HDPE	EPE liner	25 Nm
8: 40 mm	EVP AB	12445	HDPE	EPE/PET	10 Nm



DIMENSIONS:

Weight of jerrycan, g	Volume, l	Height, mm	Width, mm	Length, mm	Neck size, mm
431 - 455	10	319	190	230	61
431 - 455	10	319	190	230	55
431 - 455	10	319	190	230	40

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 do not adversely affect the packaging materials. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	Closure #
Water	1.9	142	1,3,4,5,6,8
n-Butylacetate	1.0	142	1,3,4,5,6,8
Mixture of hydrocarbons	1.0	142	1,3,4,5,6,8

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0231A	20.02.2018	NET	Type approval
NET02TE10	22.08.2018	NET	Technical evaluation, # cap
NET02T20	11.01.2019	NET	Additional type test, 61 mm
NET0231A4	11.01.2019	NET	Additional type test, vent.cap
NET0231A2	29.01.2019	NET	Additional type test, MS/MSm
NET0231B	31.10.2019	NET	Additional type test, 40 mm

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

28.04.2020 CERTIFICATE IS VALID UNTIL:

30.04.2025

A handwritten signature in blue ink, reading 'Geir M. Johansen'.

Geir Morten Johansen
Certification Officer

A handwritten signature in blue ink, reading 'Rune Madsen Fink'.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

A large, faint, light blue background logo in the center of the page, resembling a stylized umbrella or a shield with a cross-like shape in the middle.