




PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0212C

HOLDER OF CERTIFICATE:
Berry Packaging Norway AS, Kambo

MANUFACTURER: Berry Packaging Norway AS, Kambo, Boks 3054, N-1506 Moss, Norway

MARKING ON PACKAGING:  **1H1/Y1.9/S/YR/N/NET0212C- 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:

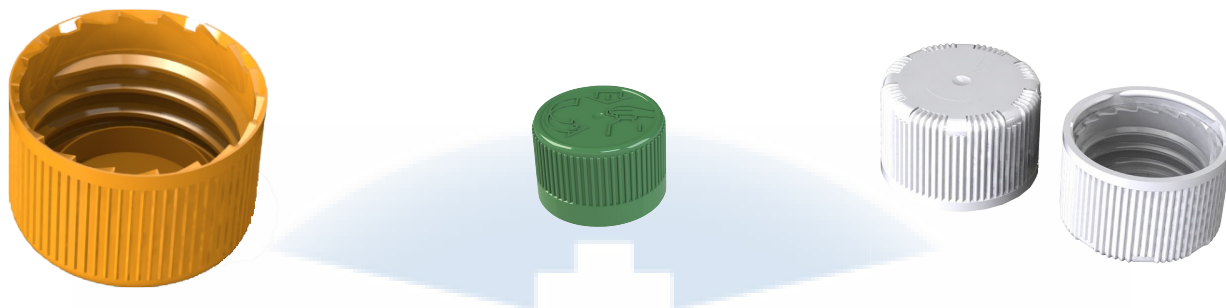
Packaging code / volume	Description	Drawings	Material
1H1, 1 L	Plastics drums, non-removable head	B-30566C 12.04.11	HDPE, details in report



CLOSING MECHANISM:

Screw cap	Producer	Drawing	Material	Gasket	Torque, Nm
28 mm	Modulpac AB	28K, 7280007	HDPE	none, cone	3
28 mm child resistant	Modulpac AB	28B, 7280002 / 7280014	POM / PP	none, cone	3
28 mm child resistant	Modulpac AB	28B, 7280002 / 7280014	HDPE / PP	none, cone	3
28 mm child resistant	Emballator Våxjöplast AB	28-118/127	HDPE / PPH	ALU	3
28 mm child resistant	Emballator Våxjöplast AB	28-118/127	HDPE / PPH	PET/Alkozell/ PET	3

28 mm child resistant	Emballator Växjöplast AB	28-886/127	HDPE / PPH	none, cone	3
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DIMENSIONS:

Weight of drum, g	Volume, l	Height, mm	Diameter, mm	Neck size, mm
46.5 - 79.9	1.0	253.0	82.5	28

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 covered by the standard liquid listed in the table below and the assimilation list in ADR 4.1.1.21.6. Permeability test has been carried out according to ADR 6.1.5.7.

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Water	1.9	142
Wetting solution	1.2	142
Acetic acid	1.2	142
n-Butyl acetate	1.0	142
Mixture of hydrocarbons	1.0	142

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0212C	17.08.2017	NET	Type approval
NET0212C2	17.08.2017	NET	Additional test, cap 2-6

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

22.04.2020 CERTIFICATE IS VALID UNTIL:

30.04.2025


Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification