



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0250A

HOLDER OF CERTIFICATE:
Berry Packaging Norway AS, Kambo

MANUFACTURER:

Berry Packaging Norway AS, Kambo, Boks 3054, N-1506 Moss,
Norway.
Emballator Mellerud Plast AB, Industrigatan 2, S-464 22 Mellerud
SWEDEN

MARKING ON PACKAGING:

 **3H1/Y1.9/200/YR/N/NET0250A - 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 | Drawings | Material |
|-------------------------|--------------------|-------------|-------------------------|
| 3H1, Plastics jerricans | non-removable head | W3405 Rev.A | HDPE, details in report |



DIMENSIONS:

| Weight of jerrican, g | Volume, l | Length, mm | Width, mm | Height, mm | Neck size, mm |
|-----------------------|-----------|------------|-----------|------------|---------------|
| 1050.4-1521.0 | 25.0 | 295 | 260 | 440 | 61 / 25 |
| 922.2-1335.4 | 20.0 | 295 | 260 | 370 | 61 / 25 |

CLOSING MECHANISM:

| Screw cap | Producer | Drawings | Material | Gasket | Torque |
|---------------|--------------------------|---------------------------------|-------------------------|---------------------------|------------|
| 61 mm | Bergi-plast GmbH | Kanisterverschluss nr. 61 rev 8 | HDPE, details in report | EPE liner | 20 Nm |
| 61 mm | AS OM BE Plast | Promens DIN 61 Ver.2 | HDPE, details in report | EPE liner | 20 Nm |
| 61 mm | Emballator Växjöplast AB | 12575 18.08.15 | HDPE, details in report | EPE/PET, EPE/IHS, EPE ALU | 20 - 25 Nm |
| 25 mm | Modulpac AB | 25PMPP/7250001 | HDPE, details in report | PET/ALKOzell/PET | 3 Nm |
| 61 mm, vented | Bergi-plast GmbH | 00-1837 | HDPE, details in report | EPE liner | 25 Nm |
| 61 mm, vented | Emballator Växjöplast AB | 12695 | HDPE, details in report | Gore liner | 20 Nm |


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.

Permeability test has been carried out according to ADR 6.1.5.7. 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 |
|--|-----------------------|------------------------------------|
| Water | 1.9 | 171 |
| Nitric acid | 1.4 | 171 |
| Wetting solution | 1.2 | 171 |
| Acetic Acid | 1.2 | 171 |
| n-Butyl acetate | 1.0 | 171 |
| Mixture of hydrocarbons | 1.0 | 171 |
| FeF Benzalkonium chloride solution 50%, UN3265 | 1.0 | 114 |

DOCUMENTS BASED UPON FOR APPROVAL:

| Report id. | Date | Issued by | Scope |
|------------|------------|-----------|--------------------------------|
| NET0250A | 13.01.2016 | NET | Type approval |
| NET0250A3 | 02.12.2015 | NET | Additional type test, cap |
| NET0250B | 13.01.2016 | NET | Additional type test, cap |
| NET0250A4 | 04.05.2016 | NET | Type approval, production site |
| NET02TE03 | 11.05.2016 | NET | Technical evaluation, 20L |
| NET16T04 | 02.01.2017 | NET | Including liners |
| NET0250A10 | 22.02.2018 | NET | Type approval, NA, vented cap |
| NET0250A11 | 16.01.2019 | NET | Type approval, NA, vented cap |
| NET1201T01 | 04.03.2019 | NET | Additional test, UN3265 |
| NET2812A | 17.12.2020 | NET | Additional test, 25PMPP |

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

23.12.2020 CERTIFICATE IS VALID UNTIL:

31.12.2025

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 blue circular stamp is centered on the page. It features a stylized white cross or star shape in the center, with four rounded rectangular segments extending outwards from the center.