




# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0211E**

HOLDER OF CERTIFICATE:  
**RPC Promens AS, Kambo Packaging**

**MANUFACTURER:** RPC Promens AS, Kambo Packaging, Boks 3054, N-1506 Moss, Norway

**MARKING ON PACKAGING:**  **3H1/Y1.9/150/YR/N/NET0211E - 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               | Material    |
|----------------|--|-----------------------|-------------|
| 3H1, 5.0 L     | Plastics jerricans, non-removable head | B-30985 (9433 220313) | Total 51090 |
| 3H1, 4.0 L     | Plastics jerricans, non-removable head | B-30795B (9434)       | Total 51090 |
| 3H1, 3.0 L     | Plastics jerricans, non-removable head | B-30906 (9456)        | Total 51090 |

**CLOSING MECHANISM:**

| #: Screw cap              | Producer                 | Drawing | Material         | Gasket            | Torque |
|---------------------------|--------------------------|---------|------------------|-------------------|--------|
| 1: 40 mm child resistant  | Modulpac AB              | 8400002 | HYA600 / HMA025  | PET/Alkozell      | 5 Nm   |
| 2: 40 mm                  | Modulpac AB              | 8400012 | HYA600           | Cone sealing      | 10 Nm  |
| 4: 40 mm                  | Modulpac AB              | 7400009 | HYA600           | Expanded PE       | 6 Nm   |
| 5: 40 mm                  | Modulpac AB              | 8400015 | Marlex 5502BN    | Cone sealing      | 6 Nm   |
| 6: 40 mm                  | Modulpac AB              | 8400002 | POM C9N / HMA025 | PET/Alkozell/ PET | 5 Nm   |
| 7: 40 mm, child resistant | Emballator Växjöplast AB | 12445   | MB7541/ MB7541   | EPE/ALU           | 5 Nm   |
| 8: 40 mm, child resistant | Emballator Växjöplast AB | 12445   | MB7541/ MB7541   | EPE/PET           | 5 Nm   |



# DIMENSIONS:

| #: Weight of jerrican, g | Length, mm | Width, mm | Height, mm | Neck size, mm |
|--------------------------|------------|-----------|------------|---------------|
| 1: 148.3 - 314.2         | 192        | 128       | 290        | 40            |
| 2: 177.9 - 314.2         | 192        | 128       | 290        | 40            |
| 3: 128.7- 279.6          | 192        | 128       | 246        | 40            |
| 4: 158.3 -279.6          | 192        | 128       | 246        | 40            |
| 5: 109.0- 237.8          | 192        | 128       | 205        | 40            |
| 6: 138.5- 237.8          | 192        | 128       | 205        | 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, for liquids with max vapour pressure 143 kPa at 50°C.

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 (standard liquid) | Max. relative density | Jerrican # | Screw cap #         |
|---------------------------|-----------------------|------------|---------------------|
| Water                     | 1.9                   | 1, 3, 5    | 1, 2, 3, 4, 7, 8    |
| n-Butyl acetate           | 1.0                   | 1, 3, 5    | 1, 2, 3, 4, 7, 8    |
| Mixture of hydrocarbons   | 1.0                   | 1, 3, 5    | 1, 2, 3, 4, 6, 7, 8 |
| Acetic acid               | 1.1                   | 1, 3, 5    | 1, 2, 3, 4, 5, 7, 8 |
| Wetting solution          | 1.2                   | 2, 4, 6    | 1, 2, 3, 4, 7, 8    |
| Acetic acid               | 1.2                   | 2, 4, 6    | 1, 2, 3, 4, 7, 8    |
| Acetic acid               | 1.1                   | 1, 3, 5    | 5, 7, 8             |

# DOCUMENTS BASED UPON FOR APPROVAL:

| Report id.  | Date       | Issued by | Scope                                   |
|-------------|------------|-----------|---|
| NET02TE04   | 01.02.2012 | NET       | Technical evaluation, corrugated bottom |
| NET0211D    | 16.05.2012 | NET       | Type approval w screw cap 40PM-UN       |
| NET02T07    | 07.06.2012 | NET       | Selective test, screw cap S-3101        |
| NET0211C-1  | 04.09.2013 | NET       | Selective test, screw cap 40PMF         |
| NET0211E    | 09.05.2016 | NET       | Type approval w screw cap 40PM-UN       |
| NET02T16    | 17.06.2016 | NET       | Selective test, screw cap 40B and 40PMO |
| NET28POM40B | 29.03.2017 | NET       | Additional test, cap #6                 |
| NET0211D4   | 17.12.2018 | NET       | Additional test, cap 7,8                |
| NET0211D5   | 11.12.2018 | NET       | Additional test, cap 7,8 W.s.           |

# 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

16.01.2019 CERTIFICATE IS VALID UNTIL:

31.01.2024

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.