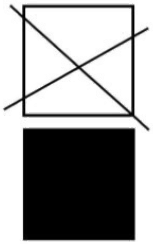
# PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET6911A

HOLDER OF CERTIFICATE:

**MPP Sverige AB**

**RESPONSIBLE DISTRIBUTOR:** MPP Sverige AB, Fjärås Industriväg 17, 43974 Fjärås

**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. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking.

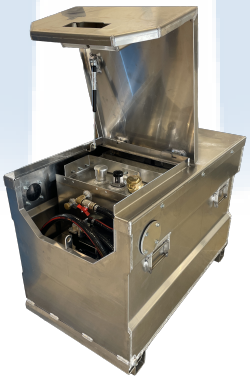


**(un) 31B/Y/MMYY/N**
**NET6911A - ID/0/KG**

| | |
|---|---|
| (un) | : The United Nations symbol |
| 31B | : Aluminium IBCs for liquids |
| Y | : Packaging group II and III |
| MMYY | : To be replaced with the month and year (last two digits) of manufacturer |
| N | : Norway, the state authorizing the allocation of the mark |
| NET6911A - ID | : Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer |
| 0 | : The stacking test load in kg |
| KG | : The maximum permissible gross mass in kg, se content table |

**PRODUCT:**

| Description |
|---|
| Double walled pickup, extremely lightweight and convenient fuel tank with an aluminium inner and outer tank. An environmentally safe and secure tank for fuel distribution. |



**DIMENSIONS:**

| #: Capacity, l | L*W*H, mm | Head / Body / Bottom, mm | Drawing |
|---|---|---|---|
| 1: 150 | 1120*430*782 | 4.0 / 4.0 / 4.0 | PTA150 DM-0000 |
| 2: 266 | 1120*630*782 | 4.0 / 4.0 / 4.0 | PTA250 DM-0000 |
| 3: 329 | 1120*765*782 | 4.0 / 4.0 / 4.0 | PTA320 DM-0000 |
| 2: 359 | 1120*830*782 | 4.0 / 4.0 / 4.0 | PTA360 DM-0000 |



NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

**MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:**

| Initial boiling point in °C | < 60 | >= 60 < 100 | >= 100 < 200 | >= 200 < 300 | >= 300 |
|---|---|---|---|---|---|
| 1: Degree of filling in liter | 137 | 140 | 144 | 147 | 150 |
| 2: Degree of filling in liter | 239 | 244 | 250 | 255 | 260 |
| 3: Degree of filling in liter | 302 | 309 | 316 | 322 | 329 |
| 4: Degree of filling in liter | 330 | 337 | 345 | 352 | 359 |

**CLOSING MECHANISM:**

| #: Closure type | Producer | Drawings | Material | Gasket | Torque |
|---|---|---|---|---|---|
| Cover with two hinges | MPP AB | PTA250 DM-0000 | Details in report | - | - |
| Screw cap 2" | Mintor S.r.l. | TFE/Z3G | Aluminum | Black rubber | 3 Nm |
| Bung, 1 1/2" | EZZE | 1-123-8/2 | Brass | PE tread tape | - |
| Bung, 2" | EZZE | 1-123-9/1 | Brass | PE tread tape | - |
| Screw cap, 2" | EZZE | 1-350-8/1 | Brass | Rubber | 3 Nm |

**ACCESSORIES:**

| Type | Drawing/ Description | Producer or Pressure numbers |
|---|---|---|
| Pump | 12/24V DC pump for diesel fuel | Details in report |
| Gas nozzle with armed tube | Performed in aluminum with brass connection | Details in report |
| Ballvalve, 3/4" | Brass | PN25 |
| Vented bung, 2" | TSVV/Z8G | Details in report |
| Vented bung, 2" or 1" | 197-B3 1" CE Ex | Details in report |
| Liquid level gauge, 1 1/2" | Top mounting | Details in report |
| Pipe connection male, 2" | Brass | Details in report |
| Ballvalve, 1" | Aluminum | PN25 |

**LEGISLATION:**

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.

**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.


NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

**TESTS CARRIED OUT:**
Prototype tests performed and approved according to the above regulations:
6.5.6.4 Bottom lift test
6.5.6.5 Top lift test: 1: WLL 55 kg 2: WLL 89 kg1: WLL 107 kg 2: WLL 117 kg, all 4 padeyes shall be used when lifting the IBC
6.5.6.7 Leakprooness test
6.5.6.8 Internal pressure test
6.5.6.9 Drop test
6.5.6.13 Vibration test

**APPROVAL IS VALID FOR:**
The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

| Content | Max. relative density | KG, Max. gross mass / Tare weight, kg | Pressure test, kPa |
|---|---|---|---|
| 1: Liquid | 1.0 | 220/ 70.3 | 200 |
| 2: Liquid | 1.0 | 355 / 88.5 | 200 |
| 3: Liquid | 1.0 | 427/ 98.8 | 200 |
| 4: Liquid | 1.0 | 466/ 106.0 | 200 |

**DOCUMENTS BASED UPON FOR APPROVAL:**

| Report id. | Date | Issued by | Scope |
|---|---|---|---|
| NET6911A2 | 10.02.2022 | NET | Type approval |
| NET6911A | 23.09.2021 | NET | Additional type test |
| NET6912A | 13.01.2023 | NET | Type approval |
| NET6912A2 | 23.02.2023 | NET | Additional type test |
| NET69TE11 | 03.03.2023 | NET | Technical evaluation, 150, 320 |

**VALIDITY:**
The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.
The validity of the type approval assume regular verification by means of 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 program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

**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.

NORSK AKKREDITERING TEST 259


NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik
Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

BREVIK, NORWAY **03.03.2023** CERTIFICATE IS VALID UNTIL: **31.03.2028**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

*Nordisk Emballasje Testing Certification*



NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik

Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E