




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET6901A**

HOLDER OF CERTIFICATE:
MPP Sverige AB

MANUFACTURER: MPP Sverige AB, Fjärås Industriväg 17, 43974 Fjärås

MARKING ON PACKAGING:  **31B/Y/MMY/N/NET6901A - ID/0/KG**

"MMYY" to be replaced with the month and year (last two digits) of manufacture.

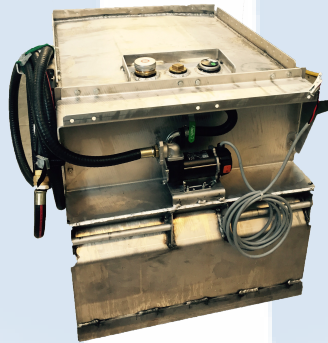
"ID" to be replaced by any identification as decided by the manufacturer.

"KG" to be replaced by max. gross weight on page two.

Additionally, each IBC shall also be marked according to 6.5.2.2.1 ADR/RID.

PRODUCT:

| Packaging code | Description | Material |
|---------------------------------|-----------------------|-----------|
| 31B, Aluminium IBCs for liquids | Pickup Tank Aluminium | Aluminium |



DIMENSIONS:

| #: Capacity, l | Length, mm | Width, mm | Height, mm | Drawings |
|----------------|------------|-----------|------------|------------------|
| 1: 155 | 1030 | 288 | 752 | MPP-PTA150-0000 |
| 2: 265 | 1030 | 458 | 752 | MPP-PTA250-0000 |
| 3: 369 | 1030 | 620 | 752 | MPP350-UK_v01 GA |
| 4: 402 | 1030 | 670 | 752 | MPP400-UK_v01 GA |
| 5: 430 | 1030 | 730 | 752 | MPP-PTA400-0000 |
| 6: 153 | 1030 | 323 | 652 | MPP-PTA150-L |
| 7: 194 | 1030 | 730 | 385 | MPP-PTA185-FL |
| 8: 215 | 1030 | 730 | 415 | MPP-PTA200-FL |
| 9: 263 | 1030 | 533 | 652 | MPP-PTA250-L |
| 10: 374 | 1030 | 730 | 652 | MPP-PTA360-L |

CLOSING MECHANISM:

| Closure type | Producer | Drawings | Material | Gasket | Torque |
|---------------|---------------|-----------|----------|---------------|--------|
| 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 | Description / Drawing | 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 |

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.

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.

APPROVAL IS VALID FOR:

The IBC is valid for packaging group II and III containing liquid that do not adversely affect the packaging materials. The IBC shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

The following test are performed and approved: Top- and bottom lift test, drop-, leakness-, internal pressure- and vibration test.

| #: Content | Max. relative density | Degree of filling 94% | Degree of filling 95% | KG, max gross mass / Tare weight | Pressure test, kPa |
|------------|-----------------------|-----------------------|-----------------------|----------------------------------|--------------------|
| 1: Liquid | 1.0 | 141 | 142 | 197 / 42.5 | 200 |
| 2: Liquid | 1.0 | 249 | 251 | 315 / 52.5 | 200 |
| 3: Liquid | 1.0 | 346 | 350 | 410 / 48.0 | 200 |
| 4: Liquid | 1.0 | 377 | 381 | 444 / 50.0 | 200 |
| 5: Liquid | 1.0 | 404 | 408 | 480 / 66.8 | 200 |
| 6: Liquid | 1.0 | 144 | 145 | 191 / 41.0 | 200 |
| 7: Liquid | 1.0 | 183 | 185 | 238 / 47.5 | 200 |
| 8: Liquid | 1.0 | 202 | 205 | 260 / 48.7 | 200 |
| 9: Liquid | 1.0 | 247 | 250 | 309 / 50.8 | 200 |
| 10: Liquid | 1.0 | 351 | 355 | 426 / 59.8 | 200 |

DOCUMENTS BASED UPON FOR APPROVAL:

| Report id. | Date | Issued by | Scope |
|------------|------------|-----------|----------------------------------|
| NET6901A | 06.02.2015 | NET | Type approval |
| No.150100 | 17.03.2015 | TÜV | Vibration test |
| NET6901A2 | 14.04.2015 | NET | Type approval |
| NET6901A3 | 29.06.2015 | NET | Type approval |
| NET69TE03 | 14.11.2017 | NET | Technical evaluation |
| NET69TE05 | 30.09.2019 | NET | Technical evaluation, Add.spouts |
| NET69TE07 | 14.05.2020 | NET | Technical evaluation |

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.



PORSGRUNN, NORGE

25.03.2020 CERTIFICATE IS VALID UNTIL:

31.03.2025


 Geir Morten Johansen
 Certification Officer



 Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS Certification