




**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/MYY/N/NET6901A - ID/0/KG**

"MYY" to be replaced with the two last digits of the year.

"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:

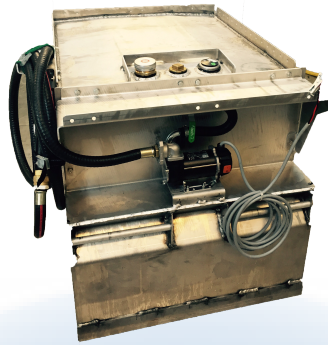
Packaging code	Description	Material
31B	Aluminium IBCs, for liquids	Aluminum

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	-

ACCESSORIES:

Type	Description / Drawing	Producer or Pressure numbers
Pump	12/24V DC pump for diesel fuel	PIUSI, Italy
Gas nozzle with armed tube	performed in aluminum with brass connection	PIUSI, Italy
Ballvalve, 3/4"	Brass	PN25
Vented bung, 2"	TSVV/Z8G	Mintor S.r.l.
Vented bung, 2" or 1"	197-B3 1" CE Ex	Ridart S.r.l.
Liquid level gauge, 1 1/2"	Top mounting	Rochester Int.
Pipe connection male, 2"	Brass	EZZE
Ballvalve, 1"	Aluminum	PN25



DIMENSIONS:

#: Volume, l	Height, mm	Width, mm	Length, mm	Drawings
1: 150	752	288	1030	103-10-001 100 Rev.D
2: 250	752	458	1030	103-10-001 101 Rev.D
3: 350	752	620	1030	MPP350-UK_v01 GA
4: 380	752	670	1030	MPP400-UK_v01 GA
5: 400	752	730	1030	103-10-001 102 Rev.D

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.

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.

Packaging #: Content	Max. relative density	Max. gross weight / Max. tare mass, kg	Max. filling volume, l 94% of Brimfull
1: Liquid	1.0	197 / 42.5	148
2: Liquid	1.0	315 / 52.5	252
3: Liquid	1.0	350 / 48.0	347
4: Liquid	1.0	377 / 50.0	377
5: Liquid	1.0	480 / 66.8	407

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

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

15.11.2017

CERTIFICATE IS VALID UNTIL:

30.11.2022



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification