

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET6906A**

HOLDER OF CERTIFICATE:
MPP Sverige AB

1500 kg max



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

MARKING ON PACKAGING:

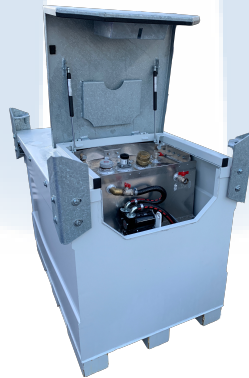
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking, and shall be marked with maximum permitted stacking load according to ADR 6.5.2.2.2.1 (as shown in figure to left).

UN 31A/Y/MMYY/N/NET6906A - ID/2700/KG

- UN** : The United Nations symbol
- 31A** : Steel IBCs for liquids
- Y** : Packaging group II and III
- MMYY** : To be replaced with the month and year (last two digits) of manufacture
- N** : Norway, the state authorizing the allocation of the mark
- NET6906A - ID** : Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
- 2700** : The stacking test load in kg
- KG** : The maximum permissible gross mass in kg, see content table

PRODUCT:

Description/ Method of manufacture	Material
Pickup Tank in Transport Tank/ welded	Aluminium/ Steel, details in report



DIMENSIONS:

#: Capacity, l	External dimensions: L*W*H, mm	Head / Body / Bottom, mm	Drawing
1: 268 + 158	1214*880*1016	3/ 3/ 3	PTA400CB-0034 PTA150AB-0000 PTA250-0000

2: 268 + 158	1214*880*1016	3/ 3/ 3	PTA400CB-0034 PTA150-0000 PTA250-0000
3: 433	1214*880*1016	3/ 3/ 3	PTA400CB-0034 PTA400-0000

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket	Torque
Cover with two hinges	MPP	C3-05 Cover	S235JRG2	None	-
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
Screw cap, 2"	Mintor S.r.l	TFE/Z3G	Aluminium	Black rubber	3 Nm

ACCESSORIES:

Type	Description/ Drawing	Producer
Pump	12/24V DC pump for diesel fuel	Details in report
Gas nozzle with armed tube	Aluminum w/brass connector	Details in report
Ballvalve, 3/4"	Brass	PN25
Ventilation valve, 2"	TSVV/Z8G	Details in report
Ventilation valve, 2" or 1"	197-B3 1" CE EX	Details in report
Liquis level gauge, 1½"	Top mounting	Details in report
Pipe connection male, 2"	Brass	Details in report
Ballvalve, 1"	Aluminium	PN25
Top lift corner	MPP-TT100-0103	MPP
Top lift corner	MPP-TT100EXT-0103	MPP
Top lift corner	MPP-TT100EXT-0107	MPP

LEGISLATION:

The approval 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. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet (www.net17025.com/Sertifisering/UN_ADR/cid/30758/).

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 - 2023/4375 PRAX.

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.

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: WLL 185 kg, all 4 padeyes shall be used when lifting the IBC
- 6.5.6.6 Stacking test
- 6.5.6.7 Leakproofness test
- 6.5.6.8 Internal pressure test
- 6.5.6.9 Drop test
- 6.5.6.13 Vibration test

APPROVAL IS VALID FOR:

Transport of liquids in this IBC is allowed as long as a conventional pressure relief device is mounted. The start-to-discharge pressure shall not be higher than 65 kPa and not lower than the total gauge pressure experienced in the IBC. The IBC shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

#: Content	Max. relative density	Degree of filling 94%	Degree of filling 95%	KG, Max. gross mass / Tare weight, kg
1: Liquids + Adblue	1.0	251 + Adblue	254 + Adblue	706 / 305
2: Liquids + Liquids	1.0	251 + 148	254 + 150	687 / 286
3: Liquids	1.0	407	411	694 / 270

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6901A	06.02.2015	NET	Type approval
NET6903A	02.12.2016	NET	Type test
NET6906A	11.11.2019	NET	Type test
NET6906A2	12.11.2019	NET	Type test
NET69TE05	13.01.2019	NET	Technical evaluation
NET6906A3	01.07.2024	NET	Type test

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 NS-EN ISO 16106:2020.

TEST STANDARD:

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.



BREVIK, NORWAY

02.07.2024 CERTIFICATE IS VALID UNTIL:

31.03.2025



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

