

**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET6907C**

HOLDER OF CERTIFICATE:
MPP Sverige AB

4080 kg max



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

MARKING ON PACKAGING:

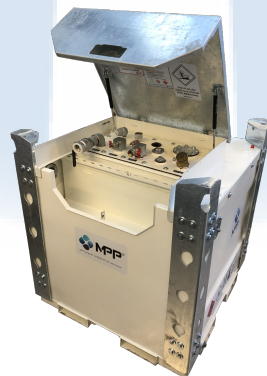
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking.

UN 31A/Y/MMYY/N/NET6907C - ID/7345/1664

- 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
- NET6907C - ID** : Identification of the IBC followed by "ID" to be replaced by the name or symbol of the manufacturer
- 7345** : The stacking test load in kg
- 1664** : The maximum permissible gross mass in kg

PRODUCT:

Description	Method of manufacture
Transport Tank Compact with "Nose shaped" inner tank	Welded



DIMENSIONS:

Capacity, l	L*W*H, mm	Head / Body / Bottom, mm	Drawing
1055	1209*1211*1319	4 / 3 / 3	MPP-TTC100-0000

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

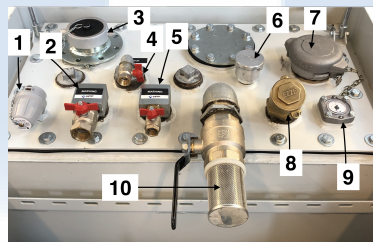
Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	949	970	991	1012	1033

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket
Cover with two hinges	MPP Sverige AB	C3-05 Cover	S235JRG2	-
Cover flange, 100 mm	MPP Sverige AB	C3-02 Inner tank	S235JRG2	Rubber
Manhole cover, 150 mm	MPP Sverige AB	C3-02 Inner tank	S235JRG2	Rubber

ACCESSORIES:

Type	Description	Producer
Overfilling prevention device	1	Mano Term
Feedcoupling 1"	2	MPP, Itap
Flange with 3" cap	3	MPP, Suyash Global (cap)
Return 1/2"	4	MPP, Itap
Feedcoupling 1/2"	5	MPP, Itap
Pressure vacuum vent	6	Ridart
Vent 3"	7	Ridart
Feedcoupling 2"	8	Ezze
Volumegauge	9	Rochester
Ballvalve for venting with strainer	10	Hydroscand , Genebre (Strainer)


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.

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 416 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	KG, Max. gross mass / Tare weight, kg	Pressure test, kPa
Liquids	1.0	1665 / 631	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6904A	17.04.2020	NET	Type test top and bottom lift
NET6907A	04.06.2020	NET	Type approval
NET6907C	14.11.2022	NET	Type Approval

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.



BREVIK, NORWAY

15.11.2022 CERTIFICATE IS VALID UNTIL:

30.11.2025



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

