



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET6903A**

HOLDER OF CERTIFICATE:
MPP Sverige AB

4500 kg max

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

MARKING ON PACKAGING:  **31A/Y/MMY/N/NET6903A - ID/8100/KG1**

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

"ID" to be replaced by the name or symbol of the manufacturer.

"KG1" to be replaced by Max. gross weight from table on page 2.

The packaging shall also be appropriately marked in accordance with ADR 6.5.2.2.



PRODUCT:

Packaging code	Description	Material
31A	Steel IBCs, for liquids	Steel

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket
Cover with two hinges	MPP Sverige AB	C3-05 Cover	S235JRG2	-
Bung ¼"	EZZE	C3-02 Inner tank	Zink	PE tread tape
Bung 2"	EZZE	C3-02 Inner tank	Zink	PE tread tape
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 / Drawing	Producer
Overfilling prevention device	Fill-o-Tron G7 & GOJ	Afriso Ema AB
Gas nozzle with armed tube	Aluminum w/brass connector	PIUSI, Italy
Pump	12/24V DC pump for diesel fuel	PIUSI, Italy
Spiral gauge	Top mounting / 8660-2	Rochester Int.
Ventilation valve, 2"	TSVV/Z8G	Mintor S.r.l.
Ventilation valve, 2"	Series 1656-2008xx	Gifts Manufacturing
½" suction pipe, 90° with fitted ballvalve	Steel	-
1" suction pipe, 90° with fitted ballvalve	Steel	-

¾" suction pipe, 90° with fitted ballvle	Steel	-
¼" socket with "Rollover vent"	Aluminium	-
2" Fillcoupling	Braze	EZZE
2" Vent with ballvalve	Steel	Hydroscand
Top lift corner	MPP-TT100-0103	MPP
Top lift corner	MPP-TT100EXT-0103	MPP
Top lift corner	MPP-TT100EXT-0107	MPP



DIMENSIONS:

# : Tare weight, kg	Volume, l	Length, mm	width, mm	Height, mm	Drawing
1: 1340	2776	2326	1597	1330	MPP-TT300-000 1
2: 1190	1907	2207	1124	1184	MPP-TT200-000 1
3: 750	936	1298	1320	1326	MPP-TT100-000 1

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.

The maximum degree of filling for gasoline and diesel are listed as volume in liter for the three different sizes of the IBC (94% of brimful at 15 °C).

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

The IBC shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

# / Content	Max. relative density	Max. stacking weight, kg	KG1, Max. gross mass, kg	Pressure test, kPa
1: Liquids	1.0	8100	4311	200
2: Liquids	1.0	8100	3218	200
3: Liquids	1.0	8100	1799	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET6903A	02.12.2016	NET	Type approval
VTT-S-05267-16	20.12.2016	VTT	Vibration testing
NET69TE01	18.05.2017	NET	Technical evaluation, 1907 I
NET69TE02	14.11.2017	NET	Technical evaluation, 936 I
NET69TE04	26.09.2019	NET	Technical evaluation, top lift corner

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, NORWAY

13.01.2020

CERTIFICATE IS VALID UNTIL:

31.01.2025


 Geir Morten Johansen
 Certification Officer



 Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS Certification