




**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET1402A**

HOLDER OF CERTIFICATE:
X2S Services & Solutions

4122 kg max



MANUFACTURER: X2S Services & Solutions, 20 Bis Rue Louis Soulié, 42000 Saint-Etienne, France

MARKING ON PACKAGING:  **31A/Y/MYY/N/NET1402A - ID/7420/KG1**
 "MYY" 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

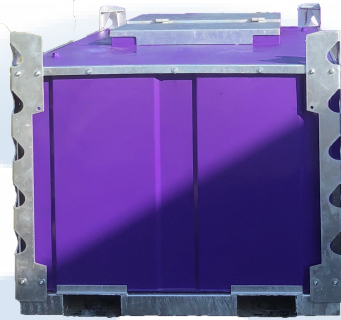
CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket	Torque, Nm
Main Cap	X2S Services & Solutions	Bouchon G3-F avec bras	S235	Gumo plast Rubber	55
Bung	Goshe	1116	Steel	-	
Top gasket	Gumo plast	-	Rubber	-	
Plug 3"	BIS	-	Galvanized iron	-	
Plug 2"	BIS	-	Galvanized iron	-	
Plug 1 1/4 "	BIS	-	Galvanized iron	-	
Plug 1"	Gebo	-	Galvanized iron	-	
Manhole cover	X2S Services & Solutions	GRV-GA-30	Steel	Gumo plast Rubber	70
Manhole cover on Adblue tank	X2S Services & Solutions	GRV-GA-30-035	S235	Gumo plast Rubber	100

ACCESSORIES:

Type	Description / Drawing	Producer
Electric vane pump	Viscomat 70	Piusi
Electric vane pump	Viscomat 90	Piusi
Electric pump	Panther 56	Piusi
Electric pump	Panther 72	Piusi
Electric pump	Panther 90	Piusi
level indicator	Magnetic liquid-level gauge	Rochester Gauges

Adblue tank	90 Liter	X2S Services & Solutions
Adblue tank	200 Liter	X2S Services & Solutions
Adblue tank	290 Liter	X2S Services & Solutions
Breather cap	Breather plug with double valve tilt-function	Mintor
Protection cover 1240 x 980 mm	GRV-GA-30	X2S Services & Solutions


DIMENSIONS:

IBC#: Volume, l	Tare weight, kg	Length, mm	width, mm	Height, mm	Drawing
1: 3000	1050	2297	1555	1296	GRV-GA-30-000
2: 2610 + 290 Adblue	1030	2297	1555	1296	GRV-GA-30-035

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, stacking-drop-, leakness-, internal pressure- and vibration test.

IBC#: Content	Max. relative density	KG1, Max. gross mass, kg	Pressure test, kPa
1: Liquids	1.0	4050	200
2: Liquids	1.0	4022	200

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET1402A	06.07.2018	NET	Type approval
S-03516-18	06.07.2018	Eurofins Ltd	Vibration testing
NET14TE02	13.08.2018	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, NORWAY

12.10.2018 CERTIFICATE IS VALID UNTIL:

30.11.2023



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification