



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0344B**

HOLDER OF CERTIFICATE:

Greif Sweden AB

MANUFACTURER: Greif Sweden AB, Box 23, SE-311 23 Falkenberg, Sweden

MARKING ON PACKAGING:  **1A2/X160Y300/S/YR/N/NET0344B - ID**

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

"ID" to be replaced by any identification as decided by the manufacturer.

PRODUCT:

Packaging code	Description	Drawings	Material
1A2, Steel drums	removable head	HF-0001 Rev. B	Steel DC01

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket	Torque
Lid	Greif Sweden AB	F3P-2780 Rev. B	Steel DC01, 1.0 and 1.2 mm	EPDM 12 mm	-
Locking ring, bolt / nut	Greif Sweden AB	F3P-2776 180311	Tata Steel DX51D+Z100	-	-
Locking ring, lever arm	Greif Sweden AB	F3P-2781 110413	Tata Steel DX51D+Z100	-	-
Bung 2"	Tri-Sure (with umbrella vent-out)	TSN-939324	Steel	Any kind	15 Nm
Bung 2"	Tri-Sure	TSN-925089 040308	Steel	Any kind	15 Nm
Bung 3/4"	Tri-Sure	TSN-925096 130307	Steel	Any kind	15 Nm



DIMENSIONS:

Volume, l	Height, mm	Diameter, mm	Head / Body / Bottom, mm	Neck size, mm
215	876	585	1.0 / 0.9 / 1.0	545
215	876	585	1.2 / 0.9 / 1.0	545

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.

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

REGULATIONS BASED UPON FOR APPROVAL:

ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.

RID, International Regulations on Transport of Dangerous Goods by Rail.

UN Recommendations on the Transport of Dangerous Goods.

IMDG, International Maritime Dangerous Goods Code, for sea transport.

ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IATA Dangerous Goods Regulations, for the air transport.

APPROVAL IS VALID FOR:

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

Content	Max. gross weight, kg	Packaging group
Solid substances	160	I
Solid substances	300	II, III

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0344B	20.02.2013	NET	Type approval
NET0344A	07.04.2011	NET	Type approval
NET03TE08	07.06.2011	NET	Technical evaluation
NET03TE12	19.01.2012	NET	Technical evaluation
NET0345B1	04.11.2014	NET	Type approval

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

30.11.2019 CERTIFICATE IS VALID UNTIL:**30.11.2024**

Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification