



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0316C

HOLDER OF CERTIFICATE:
Greif Sweden AB

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

MARKING ON PACKAGING:  **1A2/Y1.3 Z1.9/160/YR/N/NET0316C - 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	F3F-2783 Rev. B - F3F-2783-1 Rev. B	Steel DC01

CLOSING MECHANISM:

#: Closure type	Description	Drawings	Material	Gasket	Torque
1: Clamping ring	With lever arm	A4F-2674 270103	DX51D+Z100	-	-
2: Lid	Plain lid	D3F-2595 Rev. B	DC01	EPDM 11 and 12 mm	-
3: Lid	With 2"	D3F-2595 Rev. B	DC01	EPDM 11 and 12 mm	-
4: Lid	With 2" and 3/4"	D3F-2595 Rev. B	DC01	EPDM 11 and 12 mm	-
5: Bung	2"	TSN-925089 040308	Steel	EPDM / PE / Nitrile	20 Nm
6: Bung	3/4"	TSN-925096 130307	Steel	EPDM / PE / Nitrile	15 Nm
7: Bung	2" umbrella vent-out	TSN-939323 280105	Steel	EPDM / PE / Nitrile	15 Nm

INNERPACKAGING:

Type	Description	Drawing	Material	Gasket
Inner liner	Plastic bag / Top sheet	602162-L	PELD	EPDM 11, used together with liner



DIMENSIONS:

Volume, l	Height, mm	Diameter, mm	Head / Body / Bottom, mm
210	877	595	1.2 / 1.0 / 1.0

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. relative density	Max. vapour pressure, kPa at +50°C	Packaging group
Liquid substances that do not adversely affect the packaging materials	1.3	149	II
Liquid substances that do not adversely affect the packaging materials	1.9	149	III

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0316C-1	05.04.2013	NET	Type approval
NET0316C-k	11.04.2011	NET	Type approval

NET03T15	27.02.2012	NET	Type testing / Technical evaluation
NET0316C2	04.11.2014	NET	Type approval
NET03T25	02.02.2015	NET	Type testing
NET03TE36	13.06.2019	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

13.06.2019 CERTIFICATE IS VALID UNTIL:

30.06.2024


Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification