TYPE APPROVAL OF PACKAGING FOR TRANSPORT OF DANGEROUS GOODS CERTIFICATE NO.: NET0316C

CERTIFICATE HOLDER:
Greif Sweden AB

MANUFACTURING SITE: Greif Sweden AB, Kvekatorpsvägen 25, Box 203, SE-311 23 Falkenberg, Sweden

UN MARKING:
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.

(un) 1A2/Y1.3 Z1.9/160/YR/N/NET0316C - ID

(un)	: The United Nations symbol
1A2	: Steel drums, removable head
Y1.3 Z1.9	: Packing groups II and III, and maximum relative density
160	: Hydraulic test pressure in kPa
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET0316C - ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PACKAGING DESIGN:

Description	Drawing
Triple seamed corrugated W hoop steel drum, with or without minor corrugations	F3F-2783 Rev.B Ed.03





DIMENSIONS:

Volume, l	H*Ø, mm	Head/ Body/ Bottom, mm
210	877*595	1.2/ 1.0/ 1.0

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter	191.1	195.3	199.5	203.8	208.9

NET AS
Blekebakkvegen 45
N-3950 Brevik

Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

CLOSURES AND FITTINGS:

Closure type	Drawings	Material	Gasket	Torque, Nm
Clamping ring with lever arm	A4F-2674 270103	DX51D+Z100	-	-
Clamping ring with lever arm	1018-22 070415	DX51D+ Z	-	-
Lever ring, SilverRing	CLRI00203GGG0001	DX51D+Z	-	-
Plain lid	D3F-2595 Rev. B	DC01	EPDM 11 or 12 mm	-
Lid with 2" bung	D3F-2595 Rev. B	DC01	EPDM 11 or 12 mm	-
Lid with 2" and 3/4" bungs	D3F-2595 Rev. B	DC01	EPDM 11 or 12 mm; see scope	-
3/4" bung	TSN-925096	Zinc-plated Mild steel	EPDM / PE / Nitrile	15
2" umbrella vent-out	TSN-939324	Zinc-plated Mild steel	EPDM / PE / Nitrile	20
2" umbrella vent-in	TSN-939323	Zinc-plated Mild steel	EPDM / PE / Nitrile	20
2"	TSN 925089	Zinc-plated Mild steel	EPDM / PE / Nitrile	20



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INNER PACKAGING:

Type	Description	Drawing	Material	Gasket
GK Inner liner	Plastics bag/ -top sheet	602162-L	LDPE	EPDM 11 mm used together with liner



AUTHORITY:
NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.
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.

APPLICABLE REGULATIONS:
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.
ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IATA, Dangerous Goods Regulations, for the air transport.

TESTS PERFORMED:
Prototype tests performed and approved according to the above regulations:
6.1.5.3 Drop test
6.1.5.4 Leakproofness test
6.1.5.5 Internal hydraulic pressure test
6.1.5.6 Stacking test

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

Prior to reuse, all UN-approved packagings intended for the transport of dangerous goods shall be inspected to confirm that they remain free from damage, corrosion, and contamination. Compliance with the original ADR type approval, including all applicable prototype test performance criteria, must be ensured.
Packagings showing any sign of reduced mechanical integrity shall be subject to reconditioning, repair, or permanent withdrawal from service. All functional components - including closures, gaskets, and valves - must remain intact and fully operational to ensure continued conformity.
Packagings that no longer fulfil these requirements shall not be reused for the transport of dangerous goods, in accordance with ADR 4.1.1.9.

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APPROVED CONTENT:

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

DOCUMENTS FORMING THE BASIS 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
NET0316C2k	04.11.2014	NET	Type approval
NET03T25	02.02.2015	NET	Type testing
NET03TE36	13.06.2019	NET	Technical evaluation
NET0316C2	27.03.2023	NET	Additional type test, ring
NET0316C8	06.11.2026	NET	Alternative gasket; leakproofness

VALIDITY:

This certificate is valid until the expiry date stated below, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.
The certificate may be withdrawn at any time.
The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.
The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.
Continued validity requires 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 programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

TEST METHODS AND STANDARDS:

All tests are performed in accordance with NET accredited test method ATM001.
The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **30.10.2026** CERTIFICATE IS VALID UNTIL: **31.05.2028**

Mathias Werner
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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