

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0327C

HOLDER OF CERTIFICATE:

Greif Sweden AB
MANUFACTURER:

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

MARKING ON PACKAGING:

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. The packaging shall also be appropriately marked with the month of the manufacture. The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the drum, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

 **1H2/X200Y300/S/YR/N/NET0327C - ID**

	: The United Nations symbol
1H2	: Plastics drums, removable head
X200Y300	: Packing group I and II, and max gross mass in kg
S	: Intended for carriage of solids, see content table
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET0327C - ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description

Blow moulded plastic drum performed in HDPE, details in report.


DIMENSIONS:

Packaging weight, g	Volume, l	H*D, mm	Min. thickness, mm	Drawing
4700 - 5130	120.0	795*504	2.71	S3P-2740 rev.D

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket
Lid with 3/4" bung	Tri-Sure	FS-0001 Rev.B	HDPE, details in report	EPDM
Lid	Tri-Sure	FS-0002 Rev.B	HDPE, details in report	EPDM
Lid	Tri-Sure	A DE-540.1-1 04.07.96	HDPE, details in report	EPDM
Lid with 3/4" bung	Tri-Sure	F3P-2785	HDPE, details in report	EPDM
3/4" Bung	Tri-Sure	TSF-504547	Total 3802 YCF	EPDM
Locking ring	August Berger	2101-02	Tata Steel DX51D+Z	none
Locking ring with lever arm	August Berger	2101-04 Rev.4	High-grade steel	none
Locking ring with lever arm	Silver Ring	Stainless Steel RING FOR 120 Lt PE DRUM	Stainless steel DIN EN 100088-2, 1.0 mm	none
Locking ring with lever arm	Silver Ring	Galvanized Closing Ring for 120 Lt PE DRUM	Galvanized steel EN 10346 / EN 10152, 0.8 mm	none
Locking ring with lever arm	Silver Ring	Galvanized Closing Ring for 120 Lt PE DRUM	Galvanized steel EN 10346 / EN 10152, 1.0 mm	none
Lid 445 mm	Tri-Sure	DOC-00000351	HDPE, details in report	EPDM





LEGISLATION:

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.

REGULATORY BASIS 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.

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

IATA, Dangerous Goods Regulations, for the air transport.

TESTS CARRIED OUT:

Prototype tests performed and approved according to the above regulations:

6.1.5.3 Drop test

6.1.5.6 Stacking test

APPROVAL IS VALID FOR:

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

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.

Approved content

Solid substances that do not adversely affect the packaging materials

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0327C-2	07.02.2013	NET	Additional type approval
NET03T16	04.05.2012	NET	Type testing
NET0327C-1	20.05.2011	NET	Additional type approval
NET0327C	26.11.2009	NET	Type approval
NET0327C-3	27.05.2014	NET	Additional type approval
NET03T24	28.01.2015	NET	Type testing
NET03TE25	25.04.2016	NET	Technical evaluation, revised drawing
NET03T29	02.07.2018	NET	Additional type test, locking ring
NET0327D2	23.03.2020	NET	Additional type test, locking ring
NET0327C4	16.08.2021	NET	Additional type test, lid 445 mm
NET03TE43	07.03.2025	NET	Technical evaluation

VALIDITY:

This approval is valid for five (5) years, 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 STANDARD:

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.



BREVIK, NORWAY

08.09.2026 CERTIFICATE IS VALID UNTIL:

30.09.2031



Anita Gusfre Thoner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification