

**TYPE APPROVAL OF PACKAGING FOR
TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0327D**

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. of an appropriate size.

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.

UN 1H2/X200Y300/S/YR/N/NET0327D- ID

- UN** : The United Nations symbol
- 1H2** : Plastics drums, removable head
- X200Y300** : Packaging 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
- NET0327D - ID** : Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description	Drawing
Blow moulded plastic drum performed in HDPE, details in report.	S3P-2740 rev.D



DIMENSIONS:

Volume, l	Weight of drum, g	H*D, mm	Min. thickness, mm
120.0	4690 - 5105	795*504	3.19

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket
Lid	Tri-Sure	FS-0002 Rev.B	HDPE, details in report	EPDM
Lid with 3/4" bung	Tri-Sure	F3P-2785	HDPE, details in report	EPDM
Lid 445 mm	Tri-Sure	DOC-00000351	HDPE, details in report	EPDM
3/4" bung	Tri-Sure	TSF-504547	Total 3802 YCF	EPDM
Locking ring with lever arm	Silver ring	Stanliess Steel RING FOR 120 Lt PE DRUM	Stanliess 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
Locking ring with lever arm	Agust Berger	2101-02	Tata Steel DX51D+Z	None
Locking ring with lever arm	Agust Berger	2101-04 Rev.4	High-grade steel	None
Lid with 3/4" bung	Tri-Sure	FS-0001 Rev.B	HDPE, details in report	EPDM
Lid	Tri-Sure	A DE-540.1-1 04.07.96	HDPE, details in report	EPDM





LEGISLATION:

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:

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 is valid for packaging group I, II and III containing solid substances that do not adversely affect the packaging materials. 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	200	I
Solid substances	300	II, III

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
NET0327D	04.07.2014	NET	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 approval, locking ring
NET0327D2	23.03.2020	NET	Type approval, locking ring
NET0327C4	16.08.2021	NET	Additional type test, lid 445 mm

VALIDITY:

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of 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 program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the 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 and NS-EN ISO 13274:2013.



BREVIK, NORWAY

23.03.2022 CERTIFICATE IS VALID UNTIL:

30.09.2026



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification