

# 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. 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/NET0327D- 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                                        |
| NET0327D - 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:**

| Volume, l | Weight of drum, g | H*D, mm | Min. thickness, mm | Drawing        |
|-----------|-------------------|---------|--------------------|----------------|
| 120.0     | 4700 - 5130       | 795*504 | 3.19               | S3P-2740 rev.D |

**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 | August Berger | 2101-02                                    | Tata Steel DX51D+Z                           | None   |
| Locking ring with lever arm | August 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:

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                 |
| NET0327D   | 04.07.2014 | NET       | Type approval                            |
| NET03T24   | 28.01.2015 | NET       | Type testing                             |
| NET03TE25  | 25.04.2016 | NET       | Technical evaluation,<br>revised drawing |
| NET03T29   | 02.07.2018 | NET       | Additional type test,<br>locking ring    |
| NET0327D2  | 23.03.2020 | NET       | Type approval, locking<br>ring           |
| NET0327C4  | 16.08.2021 | NET       | Additional type test, lid<br>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/](http://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