

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NETO335B

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.

(n) 1A1/X/250/YR/N/NET0335B - ID

 ${\color{red} u \choose n}$: The United Nations symbol

1A1 : Steel drum, non-removable head

X : Packaging group II and III, and max relative density

250 : 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

NET0335B - ID : Identification of the drum followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description	Method of manufacture		Material		Drawing	
Triple seamed corrugated	Seamed		Steel	sheet	F3F-2616 Rev. B	
rolling hoop drum						



DIMENSIONS:

Volume, I	H*Ø, mm	Head / Body / Bottom,	Neck size, mm
		mm	
216.5	885*586	1.0 / 0.8 / 1.0	2" and 3/4"

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

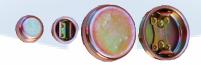
Initial boiling	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
point in °C					
Degree of filling	195.7	200.1	204.4	208.8	213.1
in liter					

Telephone +47 900 17025 E-mail: <u>info@net17025.com</u> Web: <u>www.net17025.com</u> VAT No.: 990 793 840 Bank account: 6250.05.22351 GPS: 59°03'25" N 9°40'70" E



CLOSING MECHANISM:

#: Bungs	Producer	Drawings	Material	Gasket	Torque
1: 2"	Tri-Sure	TSN-925089	Steel	PE / EPDM /	20 Nm
				Nitril	
2: 2" Ventilated	Tri-Sure	TSN-939323	Steel	PE / EPDM /	20 Nm
				Nitril	
3: 3/4"	Tri-Sure	TSN-925096	Steel	PE / EPDM /	15 Nm
				Nitril	



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 - 2023/4375 PRAX.

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
- 6.1.5.4 Leakproofness test
- 6.1.5.5 Internal hydraulic pressure 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.

Content		Max. vapour pressure, kPa at +50°C		
Liquid substances that do not adversely affect the		200		
p	ackaging materials			

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DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0335B	15.04.2011	NET	Type approval
NET0336B	15.04.2011	NET	Type approval
NET03T15	27.02.2012	NET	Type approval /
			Technical evaluation

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 ISO 16106.

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.

BREVIK, NORWAY

03.01.2024 CERTIFICATE IS VALID UNTIL:

Rune Madsen Fink

Control Officer

31.01.2029

Mathias Werner

Certification Officer

Nordisk Emballasje Testing Certification

Main Wemer

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