




PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET3313A

HOLDER OF CERTIFICATE:
Greif Sweden AB

MANUFACTURER: Greif Sweden AB, Industrivägen 2-4, 137 23 Västerhaninge, Sweden

MARKING ON PACKAGING:  **1A1/X1.2/250/YR/N/NET3313A - ID**

"YR" to be replaced with the two last digits of the year.

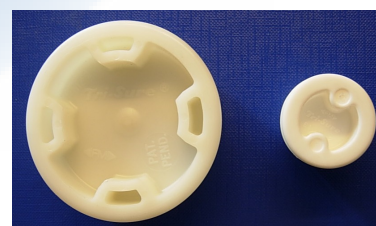
"ID" to be replaced by any identification as decided by the manufacturer.

PRODUCT:

Packaging code	Description	Material
1A1	Steel drums, non-removable head	Steel DC01

CLOSING MECHANISM:

#: Closure type	Drawing	Material	Gasket	Torque
1: 2" bung	TSN-925089	Steel	PE/EPDM/Nitril	20 Nm
2: 3/4" bung	TSN-925096	Steel	PE/EPDM/Nitril	15 Nm
3: 2" bung	TSN-504622	Nylon	PE/EPDM/Nitril	20 Nm
4: 3/4" bung	TSN-504950	Nylon	PE/EPDM/Nitril	15 Nm
5: 3/4" bung	TSN-504950	PP	PE/EPDM/Nitril	15 Nm



DIMENSIONS:

Volume, l	Height, mm	Diameter, mm	Head / Body / Bottom, mm	Drawing
216.5	882	585	1.0 / 0.8 / 1.0	55-0810 TH-2G-10

APPROVAL:

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.

APPROVAL IS VALID FOR:

Liquid 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. relative density	Max. vapour pressure, kPa at +50°C	Degree of filling, l	Packaging group
Boiling point below 60 °C	1.2	200	195	I
Boiling point from 60 up to 100 °C	1.2	200	199	I
Boiling point from 100 up to 200 °C	1.2	200	203	I
Boiling point from 200 up to 300 °C	1.2	200	207	I
Boiling point from 300 °C or higher	1.2	200	212	I
Boiling point below 60 °C	1.8	200	195	II and III
Boiling point from 60 up to 100 °C	1.8	200	199	II and III
Boiling point from 100 up to 200 °C	1.8	200	203	II and III
Boiling point from 200 up to 300 °C	1.8	200	207	II and III
Boiling point from 300 °C or higher	1.8	200	212	II and III

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
92M12268	04.05.1993	SP	Type approval
94H12171	18.08.1994	SP	Technical evaluation
98H60642	13.08.1998	SP	Technical evaluation
NET33T01	01.12.2014	NET	Type approval

NET0706A-2	20.01.2016	NET	Type testing, plastic bungs
NET33TE06	30.09.2016	NET	Technical evaluation, plastic bungs

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.



PORSGRUNN, NORWAY

29.02.2020 CERTIFICATE IS VALID UNTIL:

28.02.2025


Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification