



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0352C

HOLDER OF CERTIFICATE:
Greif Sweden AB

MANUFACTURER: Greif Sweden AB, Box 23, SE-311 23 Falkenberg, Sweden

MARKING ON PACKAGING:  **3H1/Y1.8/100/YR/N/NET0352C - 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.

The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code / Volume	Description	Drawings	Material
3H1 / 51 mm Neck	Plastics jerricans, non-removable head	F3P-2822 Rev 3	HDPE
3H1 / 43 mm Neck	Plastics jerricans, non-removable head	F3P-2824 Rev 2	HDPE

CLOSING MECHANISM:

Screw cap	Producer	Drawings	Material	Gasket	Torque
51 mm	Tri-Sure	TSF-505910	HDPE	PE washer	15 Nm
51 mm vented	Tri-Sure	TSF-505917	HDPE	PE wad / 4 perforations	15 Nm
43 mm	Mathiesen Plast Aps	843 FS	Rigidex HD5050EA	PE washer	10 Nm





DIMENSIONS:

Packaging weight, g	Volume, l	Height, mm	Width, mm	Length, mm	Neck size, mm
270 - 315	5.0	250	149	196	51
270 - 315	5.0	250	149	196	43

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:

The packaging is valid for packaging group II and III containing liquid substances that do not adversely affect the packaging materials. Permeability test has been carried out according to ADR 6.1.5.7. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
Water	1.9	114
Nitric acid	1.4	114
Wetting solution	1.2	114
Acetic Acid	1.2	114
Mixture of hydrocarbons	1.0	114
n-Butylacetate	1.0	114

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0355C	29.05.2019	NET	Type approval
NET0352C	20.06.2019	NET	Type approval

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 and ISO13274.



PORSGRUNN, NORWAY

02.12.2019 CERTIFICATE IS VALID UNTIL:

31.12.2024


Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification