



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0355C**

HOLDER OF CERTIFICATE:

Greif Sweden AB

MANUFACTURER:

Greif Sweden AB, Kvekatorpsvägen 25, Box 203, , SE-311 23
Falkenberg, Sweden

MARKING ON PACKAGING:

 **3H1/Y1.9/200/YR/N/NET0355C - 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.

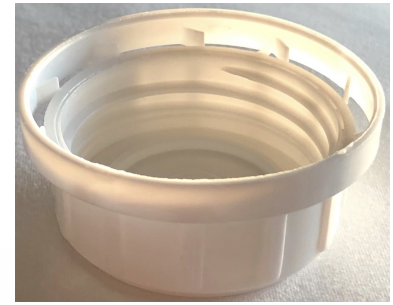
The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code	Description	Drawings	Material
3H1 Plastics jerricans	non-removable head, 60 mm	F4P-2773 Rev. B.	PEHD details in report
3H1 Plastics jerricans	non-removable head, 43 mm	F4P-2773-1 Rev. 03	PEHD details in report

CLOSING MECHANISM:

#: Screw cap	Producer	Drawings	Material	Gasket	Torque
1: 60 mm	Bergi-Plast GmbH	Kanisterverschluss Nr.61 neutral v.8	Total 51090	Washer EPE 300	20 Nm
2: 60 mm, vented	Bergi-Plast GmbH	00-1837	Total 51090	Washer EPE 300	20 Nm
3: 43 mm	Mathiesen Plast Aps	Art no 64054 / 64056	Rigidex HD5050EA	Washer, PE foam	15 Nm



DIMENSIONS:

Weight og jerrican, g	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
475.5 - 689.8	10.0	230	195	314	60
475.5 - 689.8	10.0	230	195	314	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 in the following list:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C	# Screw cap
Wetting solution	1.2	171	1, 3
Water	1.9	171	1, 3
Nitric acid	1.4	171	1, 2, 3
n-Butyl acetate	1.0	171	1, 3
Mixture of hydrocarbons	1.0	171	1, 3
Acetic acid	1.2	171	1, 3

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0355C	29.05.2019	NET	Type approval
NRT03TE38	06.09.2019	NET	Technical evaluation
NET0355C2	10.10.2019	NET	Additional type test, v.cap

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

14.10.2019 CERTIFICATE IS VALID UNTIL:

31.10.2024


 Geir Morten Johansen
 Certification Officer



 Rune Madsen Fink
 Control Officer

Nordisk Emballasje Testing AS Certification