




PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0358B

HOLDER OF CERTIFICATE:
Greif Sweden AB

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

MARKING ON PACKAGING:  **1H1/Y1.9/200/YR/N/NET0358B - 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
1H1 / 220 L	Plastics drums, non-removable head	F3P-2771 C	HDPE details in report



CLOSING MECHANISM:

#: Bung	Producer	Drawings	Material	Gasket	Torque
1: 56*4	Tri-Sure	TSF-505099 Rev.4	Finapro PPC 3640 S01	EPDM / PE	20 Nm EPDM / 25 Nm PE
2: 70*6 "D17" vented	Tri-Sure	TSF-2100035	Finapro PPC 3640 S01	PE	20 Nm
3: 70*6	Tri-Sure	TSF-2100020 Rev.2	Finapro PPC 3640 S01	EPDM / PE	20 Nm
4: 70*6 with 3/4"	Tri-Sure	TSF-2000032 Rev.2	Finapro PPC 3640 S01	PE	20 Nm
5: 38*6	Tri-Sure	A-SP-636-3	Finapro PPC 3640 S01	EPDM	20 Nm

6: 70*6 "D38" vented	Tri-Sure	TSF-21000061	Finapro PPC 3640 S01	PE	20 Nm
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DIMENSIONS:

Packaging weight, g	Volume, l	Height, mm	Diameter, mm
8500 - 8925	220.0	935	581

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
Acetic acid	1.1	171
n-Butyl acetate	1.0	171
Wetting solution	1.2	171
Water	1.9	171
Mixture of hydrocarbons	1.0	171
Nitric acid 55%	1.4	171
Nitric acid 55% - 66%	1.4	171
Butylhydroperoxide 78 %	1.0	171
HOE S 3551	1.2	171

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0358B	01.11.2013	NET	Type approval
NET0358B2	14.04.2015	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.



BREVIK, NORWAY

27.04.2020 CERTIFICATE IS VALID UNTIL:

30.04.2025



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification