



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET3101A**

HOLDER OF CERTIFICATE:

Jotun AS

MANUFACTURER:

Norsk Formblåsing AS, Merdevegen 12 B, 3676 Notodden, Norway

MARKING ON PACKAGING:

Ⓜ 3H1/Y1.9/100/YR/N/NET3101A - 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.

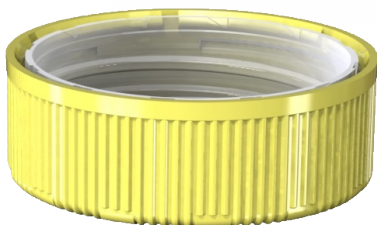
The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code	Description	Drawings	Material
3H1	Plastics jerricans, non-removable head	4L kanne med ny hals og skulder, 170914	HDPE B5210

CLOSING MECHANISM:

# : Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap, child resistant	Modulpac AB	7400005 / 7400016	DOW KT 10000 UE / Marlex HHM 5502-01ST	Top-Seals PHAN 200	5 Nm
2: Screw cap, child resistant	Emballator Växjö Plast AB	12445	Borealis MB7541 / MB7541	EPE / PET	5 Nm



DIMENSIONS:

Packaging weight, g	Volume, l	Height, mm	Width, mm	Length, mm	Neck size, mm
222.6 - 239.8	4.0	319	120	158	39.6

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.

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. The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction. The packaging has been permeability tested according to ADR/RID. 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	Closure #
Mixture of hydrocarbons	1.0	114	2
Jotun Kraftvask, UN1760	1.1	114	1,2
Water	1.9	114	2

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET3101A2	13.07.2016	NET	Type testing
NET3101A4-2	13.06.2017	NET	Type testing
NET3101A5	16.04.2018	NET	Type testing
NET3101A10	01.08.2018	NET	Additional type test, WS and W

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

16.08.2018 CERTIFICATE IS VALID UNTIL:

31.08.2023



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

