



# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET9504A**

HOLDER OF CERTIFICATE:  
**Norsk Formblåsing AS**

**MANUFACTURER:** Norsk Formblåsing AS, Merdeveien 12 B, 3676 Notodden, Norway

**MARKING ON PACKAGING:**  **3H1/X1.1/250/YR/N/NET9504A - 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	Ny-5liter-bensin 10.12.20	Sabic B5210



**DIMENSIONS:**

Weight of Jerrican, g	Capacity, l	Length, mm	Width, mm	Height, mm	Neck size, mm
397.2 - 430.5	5.0	290.0	150.0	223.8	40

**FOR A FILLING TEMPERATURE OF 15 °C,  
THE MAXIMUM DEGREE OF FILLING FOR THIS PACKAGING SHALL BE**

#: Initial boiling point of the substance	iBP <60 °C 90%	>=60 BP <100 92%	>=100 BP <200 94%	>=200 BP <300 96%	BP >=300 98%
Degree of filling in liter	5.64	5.77	5.89	6.02	6.14

### CLOSING MECHANISM:

Screw cap	Producer	Drawings	Material	Gasket	Torque
41 mm	Norsk Formblåsning	20062006	Borealis MG7541S	Nitrile Rubber NBR Super	3 Nm
16 mm	Norsk Formblåsning	20062006	Borealis MG7541S	Nitrile Rubber NBR Super	3 Nm



### ACCESSORIES:

Type	Description	Drawing	Material	Dimensions
Pour Nozzle	Flexibel	20062006	Borealis MG7541S	40 * 260



### 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 I, II and III containing liquid substances that are listed in the following table.

The liquids marked with letter A - F are referring to standard liquids listed in ADR 6.1.6.1 and verified by chemical compatibility testing to this specific liquid.

The dangerous substances allowed to transport in the packaging after chemical compatibility with these liquids, are listed in the "Assimilation list" table 4.1.1.21.6 in ADR.

Permeability test has been carried out and approved according to ADR 6.1.5.7.

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
Standard liquid B: Acetic acid	1.1	200
Standard liquid D: Mixture of hydrocarbons	1.0	200
UN1203 MOTOR SPIRIT or GASOLINE or PETROL	1.0	200
UN1202 DIESEL FUEL	1.0	200
UN1170 ETHANOL SOLUTION (E85)	1.0	200

# DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET9504A	18.03.2021	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.

The packagings shall be manufactured, reconditioned and tested under a quality assurance programme which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.



BREVIK, NORWAY

22.03.2021 CERTIFICATE IS VALID UNTIL:

31.03.2026



Geir Morten Johansen  
Certification Officer



Rune Madsen Fink  
Control Officer

Nordisk Emballasje Testing AS Certification