

PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET3296C

HOLDER OF CERTIFICATE:
DS Smith Packaging Sweden AB

MANUFACTURER: DS Smith Packaging Sweden AB, Bangårdsgatan 2-4, SE-331 26
Värnamo, SWEDEN

MARKING ON PACKAGING:

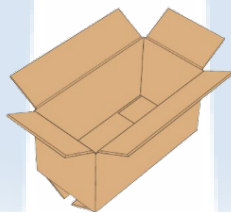
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 6 mm high.

④ **4G/YKG/S/YR/N/NET3296C-ID**

④	: The United Nations symbol
4G	: Fibreboard boxes
YKG	: Packaging group II and III, max gross mass in kg, see content table
S	: Intended for carriage of inner packagings, see content table
YR	: To be replaced with the year (last two digits) of manufacture
N	: Norway, the state authorizing the allocation of the mark
NET3296C - ID	: Identification of the packaging followed by "ID" to be replaced by the name of the manufacturer

PRODUCT:

Description/ Method of manufacture	Manufacturer´s joint	Material
FEFCO 0201, slotted type	Glued	Corrugated fibreboard, single wall board, details in report

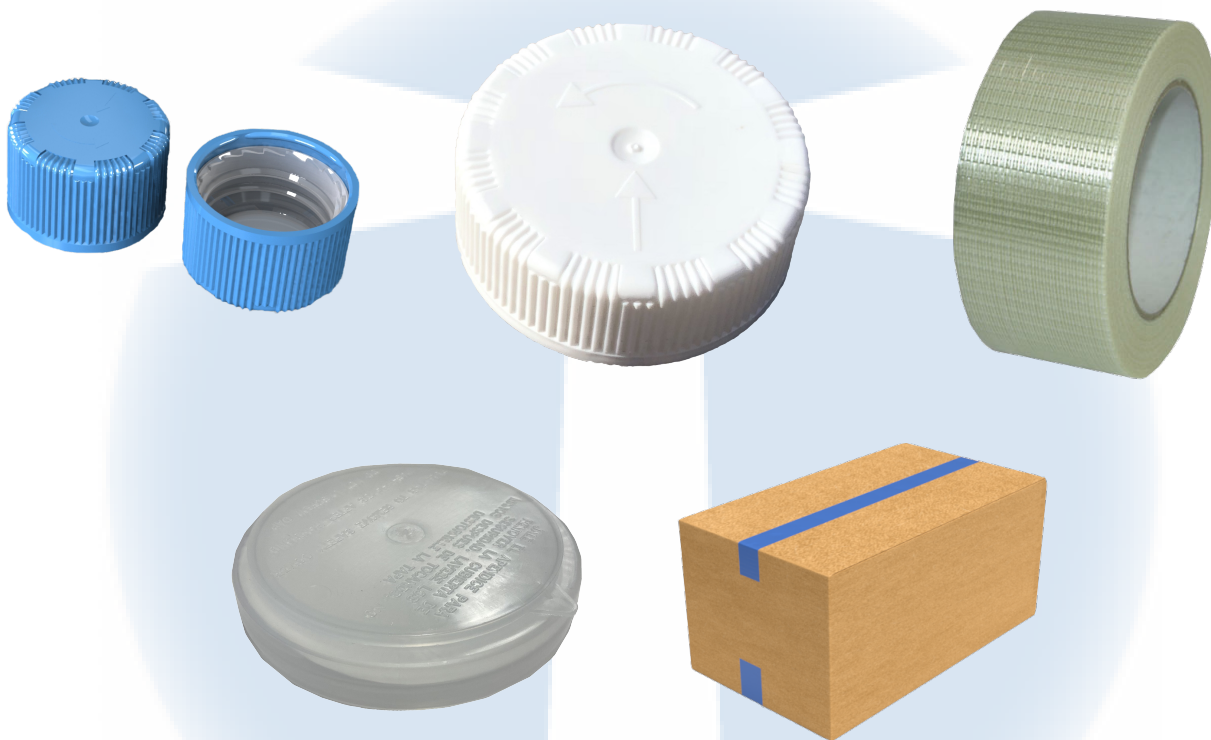


DIMENSIONS:

Box #: Volume, l	L*W*H, mm	Thickness, mm	Pressure tested	Drawing
1: 15.0	295*195*261	4.0	Yes	KD46045
2: 10.0	203*195*261	4.0	Yes	KD46043
3: 24.5	310*310*255	4.0	Yes	SD07194

CLOSING MECHANISM:

#: Closure type	Producer	Identification	Material
1: Tape "U-pattern" 50 mm over every edge	ETAB	50 mm cross armed	ETAB 810 glass fibre, cross armed
2: Screw cap	Modulpac AB	40BPP	HDPE
3: Screw cap child resistant	Modulpac AB	28B	HDPE
4: Screw cap	Unknown	91 mm	PP


INNER PACKAGING:

Type	Description	Material	Dimensions
1: 5 litre jerrican	2 jerricans, in box 1	HDPE, details in report	193*128*285
2: 3 litre jerrican	2 jerricans, in box 2	HDPE, details in report	193*128*285
3: 1 litre drum	6 bottles, in box 1	PET, details in report	82*252
4: 3.8 litre drum	4 drums enclosed with plastic bag and cable tie, in box 3	HDPE, details in report	155*248



LEGISLATION:

NET issues the certification on described product according to delegated authority from Norwegian 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.

TESTS CARRIED OUT:

Prototype tests performed and approved according to the above regulations:

6.1.5.2.3 Preparation of packaging, relativ humidity

6.1.5.3 Drop test

6.1.5.6 Stacking test

APPROVAL IS VALID FOR:

The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

Box #: Content	Max gross mass in packaging group II, kg	Inner packaging
1: Liquids in jerricans	17	1
1: Liquids in bottles	8	3
2: Liquids in jerricans	11	2
3: UN1823 Sodium Hydroxide, in drum	18	4

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET3296C	02.01.2020	NET	Type approval
NET32TE35	28.02.2020	NET	Technical evaluation, #2
NET32TE51	15.10.2020	NET	Technical evaluation, fb
NET3296C2	25.05.2022	NET	Type approval, new inner packaging #4
NET3296C2-1	16.08.2022	NET	Additional type test

VALIDITY:

The continued validity of the type approval requires that the holder of the certificate and/ or the manufacturer inform NET certification that has approved its type of packaging of any changes to the characteristics of the type or anything that can influence on the transport safety on the specific design so that it can be verified that the type of packaging continues to comply with packaging tested as base for the original type approval.

The validity of the type approval assume regular verification by means of periodic audits by NET in accordance with NET Doc 2: "Production control agreement". The packaging shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

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.



BREVIK, NORWAY

09.09.2022 CERTIFICATE IS VALID UNTIL:

31.08.2027



Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification