

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET3234C

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:

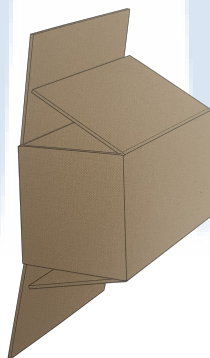
Each packaging intended for use according to the ADR shall bear markings which are durable, legible and placed in a location as to be readily visible. Letters, numerals and symbols shall be at least 6 mm high.

④ **4G/YKG/S/YR/N/NET3234C - ID**

④ : The United Nations symbol
4G : Fibreboard boxes
YKG : Packaging group II and III, max gross mass in kg
S : Intended for carriage of solids or 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
NET3234C - 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 0203 slotted type	Glued	Corrugated fibreboard, details in report



DIMENSIONS:

Box #: Volume, l	L*W*H, mm	Thickness, mm	Explosive approved	Drawing
1: 6.4	210 * 177 * 173	3,2	Yes	FPS102481
2: 6.2	285 * 86 * 251	3,2	Yes	SD27335
3: 2.1	267 * 66 * 117	3,2	Yes	FPS102483
4: 5.2	235 * 74 * 300	3,2	Yes	M75025
5: 4.1	305 * 93 * 143	3,2	Yes	FPS102482
6: 3.11	285 * 86 * 127	3,2	Yes	KD54758

MAXIMUM DEGREE OF FILLING IN LITER AT 15 °C, SHALL BE:

Initial boiling point in °C	< 60	>= 60 < 100	>= 100 < 200	>= 200 < 300	>= 300
Degree of filling in liter					

CLOSING MECHANISM:

Closure type	Producer	Drawings	Material	Gasket	Torque
Staples	Josef Kihlberg	-	Steel	-	-


INNER PACKAGING:

Type	Description	Drawing	Material
1: 5 pcs of boxes	-	-	Solid board
2: 10 pcs of boxes	Nordic Carton AB	8744-5-1	Solid Board
3: 5 pcs of boxes	-	-	Solid Board
4: 6 pcs boxes	-	-	Solid board with styrofoam
5: 9 pcs of boxes	-	-	Solid board
6: 5 pcs of boxes	Nordic carton AB	8744-5-1	Solid board


LEGISLATION:

The approval 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. This certificate is liable to withdrawal at any time, to ensure validation check the published version on the Internet (www.net17025.com/Sertifisering/UN_ADR/cid/30758/).

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 - 2023/4375 PRAX.

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.

Before reusing type-approved packaging for the transport of dangerous goods, ensure it is free from damage, corrosion, or contamination. Packaging must comply with ADR prototype tests. If packaging shows signs of reduced strength, it must be reconditioned, repaired, or removed from service. Additionally, specific components like closures and valves should be functional to ensure safe transport. Non-compliant packaging cannot be reused for dangerous goods, ADR 4.1.1.9.

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 I, kg	Packaging group	Packaging #
UN0012, Cartridges for weapons	8	II and III	1
UN0012, Cartridges for weapons	14	II and III	2
UN0012, Cartridges for weapons	4	II and III	3
UN0012, Cartridges for weapons	7	II and III	4
UN0012, Cartridges for weapons	8	II and III	5
UN0012, Cartridges for weapons	7	II and III	6

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET3234C#6	13.08.2021	NET	Type approval
P401592-53 #1	23.08.2004	SP	Type approval
P401592-55	23.08.2004	SP	Type approval
P401592-57 #5	26.08.2004	SP	Type approval
P403676 #4	29.11.2004	SP	Type approval
NET32TE40	16.09.2020	NET	Technical evaluation
NET32TE54	01.07.2021	NET	Technical evaluation
NET32TE57	28.03.2025	NET	Technical evaluation

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 NS-EN ISO 16106:2020.

TEST STANDARD:

All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with NS-EN ISO/IEC 17025:2017 approved by Norsk Akkreditering and according to NS-EN ISO 16495:2022 and NS-EN ISO 13274:2013.



BREVIK, NORWAY

28.03.2025 CERTIFICATE IS VALID UNTIL:**31.03.2030**

Mathias Werner
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification