



PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET3226D

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:

 **4G/XKG YKG ZKG/S/YR/N/NET3226D - ID**

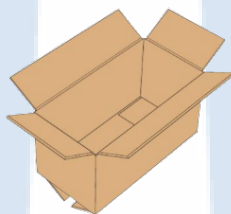
"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

"KG" to be replaced with maximum gross weight of packaging group I and II and III.

PRODUCT:

Packaging code	Description	Material
4G	Glued fiberboard box, with or without innerpackaging. Design: 0201	Details in report



DIMENSIONS:

Packaging #	Packaging group / Max gross weight	Length, mm	Width, mm	Height, mm	Content	Explosive Judgement
1	II and III / 20 kg	400	400	400	Solids	Yes
2	II and III / 26 kg	400	300	400	Solids	Yes
3	II and III / 14 kg	290	250	170	Solids	Yes
4	I / 2 kg - II and III / 3 kg	210	190	180	Solids	No
5	I / 4 kg - II and III / 8 kg	250	190	320	Solids	No

6	II and III / 4 kg	160	160	260	Solids	No
7	II and III / 22 kg	380	260	360	Solids	No
8	II and III / 5 kg	220	170	250	Solids	No
9	II and III / 9 kg	220	190	380	Solids	No
10	II and III / 20 kg	380	260	295	Solids	No
11	II and III / 23 kg	390	290	340	Solids	No
12	II and III / 15 kg	260	260	400	Solids	No
13	II and III / 15 kg	400	314	224	Solids	No
14	II and III / 9 kg	250	250	260	Solids	No
15	II and III / 2 kg	220	90	90	Solids	No
16	II and III / 16 kg	335	254	224	Solids	No
17	II and III / 15 kg	314	254	224	Solids	No
18	II and III / 10 kg	385	275	255	24 receptacles for aerosols	No
19	I, II and III / 2 kg	210	190	180	Solids in inner packaging packed with bubble foil	No
20	I, II and III / 4 kg	250	190	320	Solids in inner packaging packed with bubble foil	No
21	II and III / 15 kg	365	325	1045	Lighters in inner packaging	No
22	II and III / 8 kg	190	140	290	Liquid in inner packaging	No

23	I, II and III / 2 kg	210	190	180	Liquid in inner packaging packed with vermiculite	No
24	II and III / 6 kg	250	180	247	Liquid in inner packaging	No
25	I, II and III / 4 kg	250	190	320	Liquid in inner packaging packed with vermiculite	No
26	I, II and III / 4 kg	250	190	320	Liquid in inner packaging packed with vermiculite	No
27	II and III / 14 kg	382	190	303	Liquid in inner packaging	No
28	II / 6 kg	316	234	125	Liquid in inner packaging packed with Alfob	No
29	III / 8 kg	316	234	185	Liquid in inner packaging	No
30	II / 25 kg	380	263	370	Solids	Yes
31	II and III / 1.4 kg	320	190	200	Lighters in inner packaging	No
32	II and III / 15 kg	380	283	210	Solids	Yes
33	II and III / 13.7 kg	420	230	155	Solids in inner packaging	Yes
34	II and III / 11.5 kg	380	192	200	Solids in inner packaging	Yes
35	I, II and III / 9 kg	385	210	120	Liquid in inner packaging	No

36	II and III / 2.4 kg	170	112	163	Solids in inner packaging	Yes
----	------------------------	-----	-----	-----	---------------------------------	-----

CLOSING MECHANISM:

Closure type	Producer / Identification	Packaging #
Tape, 50 mm	Glasfibre reinforced, 75003016	2, 6-12, 14-17, 27, 30, 32-35
Tape, 50 mm	Std. Tesa 4100	3-5, 18-20, 22- 23, 25-26
Staples	J.K 561/18, 12 in top and 12 in bottom	1, 14
Tape, 50 mm	Tape 3789	28, 29
Tape, 50 mm	Standard tape, 543/33	24
Tape, 50 mm	Tape, type 4124	21, 31

INNERPACKAGING:

Type	Description	Material	Packaging #	Pressure tested
Blow moulded bottle	2*0.45 l (52g)	PE	19	-
Pail	2*1 l (136 g)	Tin Plate	20	-
Box	482 g	Fibreboard	21, 31	-
Blow moulded can	1*5 l (186 g)	Borealis BL 2581	22	95 kPa
Bottle	5*65 ml (165 g)	Glass	23	No
Stretch blow moulded bottle	10*0.5 l (37 g)	PET	24	No
Bottle	3*0.5 l (279 g)	Glass	25	95 kPa
Bottle	1*2.5 l or 2*1 l (1139 or 619 g)	Glass	26	No
Blow moulded can	3*5 l (135 g)	Stamylan 8621	27	No
Blow moulded bottle	48*100 ml (11 g)	Stamylan 7771	28	95 kPa
Blow moulded bottle	24 * 0.5 l (35 g)	Sabic B5421	33	No
Blow moulded bottle	10 * 1.0 l (55 g)	Sabic B5421	34, 36	No
Blow moulded bottle	24*0,3 l (26 g)	Sabic B5421	35	No

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 or solid substances that do not adversely affect the packaging materials according to the packaging # list. The packaging shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

Content	Packaging #
Solids	1 - 17, 30, 32
Receptacles for aerosols	18
Solids in inner packaging packed with bubble foil	19, 20
Solids in inner packaging	33, 34, 36
Lighters in inner packaging	21, 31
Liquids in inner packaging	22, 24, 27, 29, 35
Liquid in inner packaging packed with vermiculite	23, 25, 26
Liquid in inner packaging packed with Alfob (absorbent)	28

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P401592-15	02.07.2004	SP	Type testing
P401592-16	02.07.2004	SP	Type testing, #2
P401592-17	02.07.2004	SP	Type testing
P401592-18	02.07.2004	SP	Type testing
P401592-19	02.07.2004	SP	Type testing
P501445	16.05.2005	SP	Type testing
P503155	12.07.2005	SP	Type testing
P503155A	18.10.2005	SP	Type testing
P504863	16.03.2006	SP	Technical evaluation
P601711	10.05.2006	SP	Type testing
P700230	23.01.2007	SP	Type testing
PX07175	22.11.2010	SP	Type testing
NET3226A	23.09.2011	NET	Type testing
NET3226A-1	17.03.2014	NET	Type testing, #30
NET32TE16	23.10.2015	NET	Technical evaluation
NET32TE20	23.09.2016	NET	Technical evaluation, #32
NET3226A#33	14.03.2017	NET	Type testing, #33
NET3226A#34	14.03.2017	NET	Type testing, #34
NET3226A#35	24.04.2018	NET	Type testing, #35
NET3226A#36	19.11.2018	NET	Technical evaluation, #36
NET32TE45	17.09.2020	NET	Technical evaluation

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.



PORSGRUNN, NORWAY

23.09.2020 CERTIFICATE IS VALID UNTIL:

30.09.2025



Geir Morten Johansen
Certification Officer



Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification