



# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET1904A**

HOLDER OF CERTIFICATE:  
**Greif Denmark A/S**

**MANUFACTURER:** Greif Denmark A/S, Baldersbuen 8, DK-2640 Hedehusene, Denmark

**MARKING ON PACKAGING:**  **1G/YKG/S/YR/N/NET1904A - ID**

"KG" to be replaced with maximum gross weight from table page 3.

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

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

**PRODUCT:**

Packaging code	Description	Drawing	Material
1G, Fibreboard drum	with lid and bottom of MDF	Type 2-6 Ver.1	Kraftliner, details in report

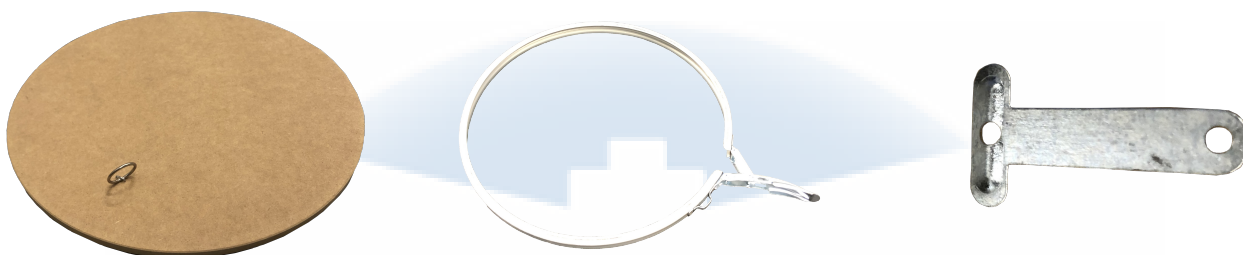


**DIMENSIONS:**

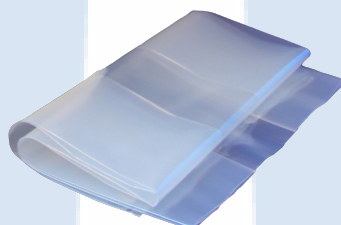
#: Weight of drum, kg	Volume, l	Height outside, mm	Diameter inside, mm	Head / Body / Bottom, mm
1: 4.7	80	705	400	10 / 4 / 10
2: 4.5	72	640	400	10 / 4 / 10
3: 4.4 - 4.5	70 - 80	620 - 705	400	10 / 4 / 10
4: 4.3 - 4.4	65 - 70	575 - 620	400	10 / 4 / 10
5: 4.1 - 4.3	61 - 65	535 - 575	400	10 / 4 / 10
6: 4.0 - 4.1	57 - 61	500 - 535	400	10 / 4 / 10
7: 3.9 - 4.0	52 - 57	460 - 500	400	10 / 4 / 10
8: 3.7 - 3.9	48 - 52	420 - 460	400	10 / 4 / 10
9: 3.6 - 3.7	43 - 48	380 - 420	400	10 / 4 / 10

**CLOSING MECHANISM:**

Closure type	Producer	Drawing	Material
Lid with lifting ring	Greif Denmark	Type 2-6 Ver.1	MDF
Locking ring with lever arm	Greif Denmark	Type 2-6 Ver.1	Galvanized steel, 0.6 mm


**INNER PACKAGING:**

PE plastic bag	Producer	Thickness at least, mm	Tear resistance at least, MD/TD, N	Seal strengt at least, N
The size adjusts the current packaging, closed with a strip.	Any	0.04	76/557	14.0


**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 transport containing substances that do not adversely affect the packaging materials. The packaging shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

#: Content	Max. gross weight, kg	Packaging group
1: Solids in a plastic bag	63	II and III
2: Solids in a plastic bag	65	II and III
3: Solids in a plastic bag	55	II and III
4: Solids in a plastic bag	51	II and III
5: Solids in a plastic bag	47	II and III
6: Solids in a plastic bag	44	II and III
7: Solids in a plastic bag	41	II and III
8: Solids in a plastic bag	37	II and III
9: Solids in a plastic bag	33	II and III

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
F300091B	21.01.2003	SP	Type approval Technical evaluation
P603134A	17.08.2006	SP	Type approval
P603134B	17.08.2006	SP	Technical evaluation
NET19TE01	22.03.2016	NET	Technical evaluation
NET1904A2	07.02.2020	NET	Additional type testing

**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

**29.05.2020** CERTIFICATE IS VALID UNTIL:

**31.05.2025**


Geir Morten Johansen  
Certification Officer



Rune Madsen Fink  
Control Officer

Nordisk Emballasje Testing AS Certification