

TYPE APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET4401A

HOLDER OF CERTIFICATE:
Schütz Nordic AS

1650 kg max

MANUFACTURER:

Paketo Recycling Oy, Kisällintie 7, 04500 Kellokoski,
Finland



MARKING ON PACKAGING:

Each IBC 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 12 mm high. The IBC shall also be appropriately marked in accordance with ADR 6.5.2.2 Additional marking, and shall be marked with maximum permitted stacking load according to ADR 6.5.2.2.2.1 (as shown in figure to right). For this remanufactured IBC, the inner receptacle shall be marked:

31HA1/Y/MMYY/D/BAM 14822*14976*14978*14979-SCHÜTZ 8, ADR 6.5.2.1.1 b) - f).

The period of use permitted for the carriage of dangerous substances shall be five years from the date of manufacture of the inner receptacle, except where a shorter period of use is prescribed because of the nature of the substance to be carried.

 **31HA1/Y/MMYY/N/NET4401A/4056/2037**

	: The United Nations symbol
31HA1	: Composite IBCs with a rigid plastics inner receptacle, for liquids
Y	: Packaging group II and III
MMYY	: To be replaced with the month and year, last two digits, of manufacturer
N	: Norway, the state authorizing the allocation of the mark
NET4401A	: Identification of the IBC, specifies the customer (44), construction type (01), and material (A)
4056	: The stacking load in kg
2037	: The maximum permissible gross mass in kg

PRODUCT:

Description

A remanufactured IBC with HDPE inner receptacle performed by Schütz Nordic AS, other parts according to BAM 14822. The IBC has a threaded top opening for filling, and a bottom valve for easy draining.



DIMENSIONS:

IBC	Tara weight/ inner receptacle, kg	Volume, l	L*W*H, mm
MX/RMX 1000 GG MX/ RMX 1000 HV-1	14.5	1060	1200*1000*1160

CLOSING MECHANISM:

Drawing	Date	Description	Torque, Nm
3-3379.1-C	06.09.2005	Screw cap DN95	-
3-127934	15.02.2019	Screw cap DN150 G2" vent assembly with mushroom vent	75
3-23948-B	21.02.2019	Screw cap DN150 closed assembly with O-ring	75
3-28832	27.08.2007	Screw cap DN150 CPC-bowl with bowl for CPC-vent and plastic-seal cap	75
3-23942-D	05.09.2013	Screw cap DN150 G2" assembly with plug G2" ventilation	75
3-127772-A	12.03.2019	Screw cap DN150 G2" ET38 assembly with press part ET38 and PTFE laminate	75
3-127800	13.02.2019	Screw cap DN150 G2" ET15 assembly with press part F15	75
3-75116-D	11.04.2017	Screw cap DN150 EX pp38 assembly with press part 38	75
3-5832-c	05.12.2007	Screw cap DN150 GG assembly with G2" BREATHER+ valve and pressure release	75
3-23932	20.09.2006	Screw cap DN150-BCS56x4 groove assembly	75
3-70076-A	21.10.2013	Screw cap DN150 G2" assembly	75
3-128096	21.02.2019	Screw cap DN150 G2" closed assembly with roof plug and seal cap	75
3-115074	31.01.2018	SK DN150 G2" with AL-plug closed	75

3-68294-B	08.12.2015	Screw cap DN225 UN open assembly with plug G2"	105
3-68296-E	08.12.2015	Screw cap DN225 UN closed assembly	105
4-27820	02.07.2007	Butterfly valve DN50 camlok 2" assembly integrated welded	-
4-27482-C	18.10.2017	Butterfly valve DN50 camlok 2" assembly screwable with cone	-
4-110966-E	06.04.2020	Butterfly valve DN50 CON 2"CAM AS2 with safety pin	-
4-106027-E	06.04.2020	Butterfly valve DN50 INT 2"CAM AS2 with safety pin	-
4-27242-F	09.11.2016	Ball valve DN50 S60x6 screwable with cone	-
4-30355-C	09.11.2016	Ball valve DN50 camlok 2" screwable with cone	-
4-122696	28.08.2018	Ball valve DN50 INT S60x6 integrated-weldable assembly	-
4-131526	17.06.2019	Ball valve DN50 INT S60x6 handle secure screw/clip	-
4-26750-F	24.11.2015	Butterfly valve S60x6 screwable with cone	-
4-109260-F	06.04.2020	Butterfly valve DN50 CON S60x6 AS2 with safety pin	-
4-27556-D	17.11.2008	Butterfly valve S60x6 weldable	-
4-106031-G	06.04.2020	Butterfly valve DN50 INT S60x6 AS2 with safety pin	-
4-110950-E	06.04.2020	Butterfly valve DN50 INT 2"NPS AS2 with safety pin	-
3-31918-A	04.04.2008	Butterfly valve DN80 screwable	-
3-096037-A	02.08.2017	Butterfly valve DN80 screwable / PP gasket	-

3-32757-J	16.07.2018	Butterfly valve DN80 assembly integrated weldable	-
A DE-731.1-3 Index 5 Blatt 1/ Schütz Ablage-Nr.: 3-10422	09.09.2002	Screw cap 160 x 7 with G2" internal thread	-

INNER PACKAGING/ACCESSORIES:

Drawing	Date	Description
3-85581-A	14.01.2016	MX1000 article drawing MX+RMX / Ex a./o. EVOH / with/without corner protector
3-5226 c	25.06.1997	Grid container RX II 1000 GG Base 1000 x 1200
2-42899-E	17.04.2020	Inner receptacle IBC 1000 STD MX, LX, and SX
2-60620-A	28.09.2015	Inner receptacle MX 1000 HV
2-42942-B	15.11.2013	Inner receptacle MX 1000 with top discharge, symmetric
2-51513-A	15.11.2013	Inner receptacle MX 1000 with top discharge, asymmetric
2-3760-b	15.12.2006	Inner receptacle MX 1000 with top discharge opening V2, various spout threads and optional valve types
2-1932.7-a	23.11.2010	Grid tube frame MX II 1000, 20-bar version, Base 1000x1200
2-61713-E	23.12.2019	Grid tube mat MX1000 V2.2 asym. plain mat
3-40371-D	16.12.2013	Tie bar version 1.2 - oval for IBC
3-143616-A	05.10.2021	Tie bar version 1.3 - bowl for IBC
3-31367-F	02.02.2011	Bottom plate MX1000 V3 for 820 / 1000 / 1250 liters
3-51667-E	04.09.2014	Bottom plate MX1000 V3.2 center flange rounded
2-4149-b	02.02.2011	Plastic bottom plate 1000 x 1200 for MX
3-50930-H	20.02.2015	Plastic bottom plate MX 1000x1200 V2
2-41472	31.08.2009	Corner reinforcement version 1 left and right
2-25765-G	12.10.2021	Corner protector version 2.2
3-158387-B	02.03.2023	Symmetric corner protector for IBC
3-31729-D	27.08.2010	Steel frame pallet 1000 x 1200 for IBC

3-64974-D	16.07.2021	Steel frame pallet MX 1000x1200 assembly with base tube v2
3-49076-A	15.11.2010	Steel skid pallet 1000x1200 assembly for IBC
3-66456-B	17.10.2018	Steel skid pallet 1000x1200 MF2+CF4 with middle foot version 2 and corner foot version 4
2-37960-A	05.01.2017	Plastic frame pallet MX assembly with outside skids, cross skids, and reinforcement plate
3-174242	10.03.2023	Plastic frame pallet MX monobloc, 1000x1200
3-52529-E	27.06.2018	Plastic skid pallet MX assembly with skids and center bridge
3-120813	27.06.2018	Plastic skid pallet MX assembly, skids version 3.3 with center bridge
3-70986	27.09.2013	MX wooden skid pallet standard nestable, Base 1000x1200, entry height 95mm
3-21205-D	24.08.2017	MX EURO-skid pallet nestable base 1000x1200
3-4159 f	07.11.1997	Skid pallet MX base 1000x1200, antislip, version 2, entry height = 90
3-5206 a	29.01.1996	Wooden frame pallet MX base 1000x1200, entry height 95mm
3-21195-C	24.08.2017	MX EURO-skid pallet stackable base 1000x1200
3-8821-a	18.02.2004	Composite pallet LX-C/MX wood nesting, assembly
3-3174.1	09.06.1999	Inner receptacle for IBC 1000 liters, DN95 design
A SP-531.2-4 Index c Blatt 2 / Schütz Ablage-Nr.: 4-7990	06.11.2003	Plug G2"
3-8765-a	09.01.2004	Plug G2" (open) assembly with air flow variation: GORE and VENTIX
4-151663	08.03.2021	Plug G2" AL CCFC closed assembly automatic lock
3-8175	02.10.2002	Shipping plug and drum insert / Entegris Fluor Pure Dip Tube for container and drums
743-008U02	07.11.2000	RS-DV 2" BSP, VITON, 3 PIN
DT-G2"PE-XXX-1030-S	24.02.2012	Dip Tube G2"-PE-1030-S
DT3-62PP-XXX-1030-TF	29.05.2019	AS Strömungstechnik Dip Tube QC3 S62 x 5

DQPRO2056X4XXX	11.08.2006	Drum Insert BCS56X4
3-147589	27.10.2020	Extraction system G2" BSP Schütz own manufacturing
3-88509-C	21.12.2020	SW-Mixer assembly MX640/MX1000/HX1000/MX1250 & SK225/SK150
2041910	01.11.2015	Valve Specification dry-break valve and dip-tube assembly for use with SCHÜTZ IBCs
VALV002	01.07.2011	Valve Specification dry-break
3-42996-G	03.03.2016	Check valve DN50 assembly one-way valve for IBC discharge

LEGISLATION:

NET issues this certification pursuant to delegated authority from the Norwegian Directorate for Civil Protection (DSB), in accordance with the Regulation of 1 April 2009 No. 384 on the land transport of dangerous goods, Chapter 6a (ref. 2023/4375 PRAX). NET is designated as the competent body for allocation of the UN mark on packagings, including IBCs and large packagings, as published by the United Nations (UNECE) list of competent authorities.

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.

TESTS CARRIED OUT:

The following test are performed and approved according to ADR:

6.5.6.4 Bottom lift test

6.5.6.6 Stacking test

6.5.6.7 Leakproofness test

6.5.6.8 Internal pressure test

6.5.6.9 Drop test

6.5.6.13 Vibration test

APPROVAL IS VALID FOR:

Transport of liquids in this IBC is allowed as long as a conventional pressure relief device is mounted. The start-to-discharge pressure shall not be higher than 65 kPa and not lower than the total gauge pressure experienced in the IBC. The IBC shall always be used according to the requirement of the applicable UN-code and its packaging instruction.

The packaging is valid for packaging group II and III containing liquid substances covered by the liquids listed in the table below. 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, ADR 6.1.5.2.6, 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.

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 F: Water	1.9	114
Standard liquid A: Wetting Solution	1.6	114
Standard liquid B: Acetic Acid	1.6	114
Standard liquid C: n-Butyl acetate	1.6	114
Standard liquid D: Mixture of hydrocarbons	1.6	114
Standard liquid E: Nitric Acid	1.6	114

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET4401AZ	11.11.2024	NET	Type Approval

VALIDITY:

This approval is valid for five (5) years, provided no modifications are made to the packaging design, materials, dimensions, closure system, or method of construction.

The certificate may be withdrawn at any time.

The published version on www.net17025.com/Sertifisering/UN_ADR/cid/30758/ shall always be considered the valid one.

The certificate holder/manufacturer must notify NET Certification of any changes that may influence transport safety.

Continued validity requires 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 programme meeting ADR requirements and guidelines in NS-EN ISO 16106:2020.

BREVIK, NORWAY

10.02.2025 CERTIFICATE IS VALID UNTIL:

28.02.2030

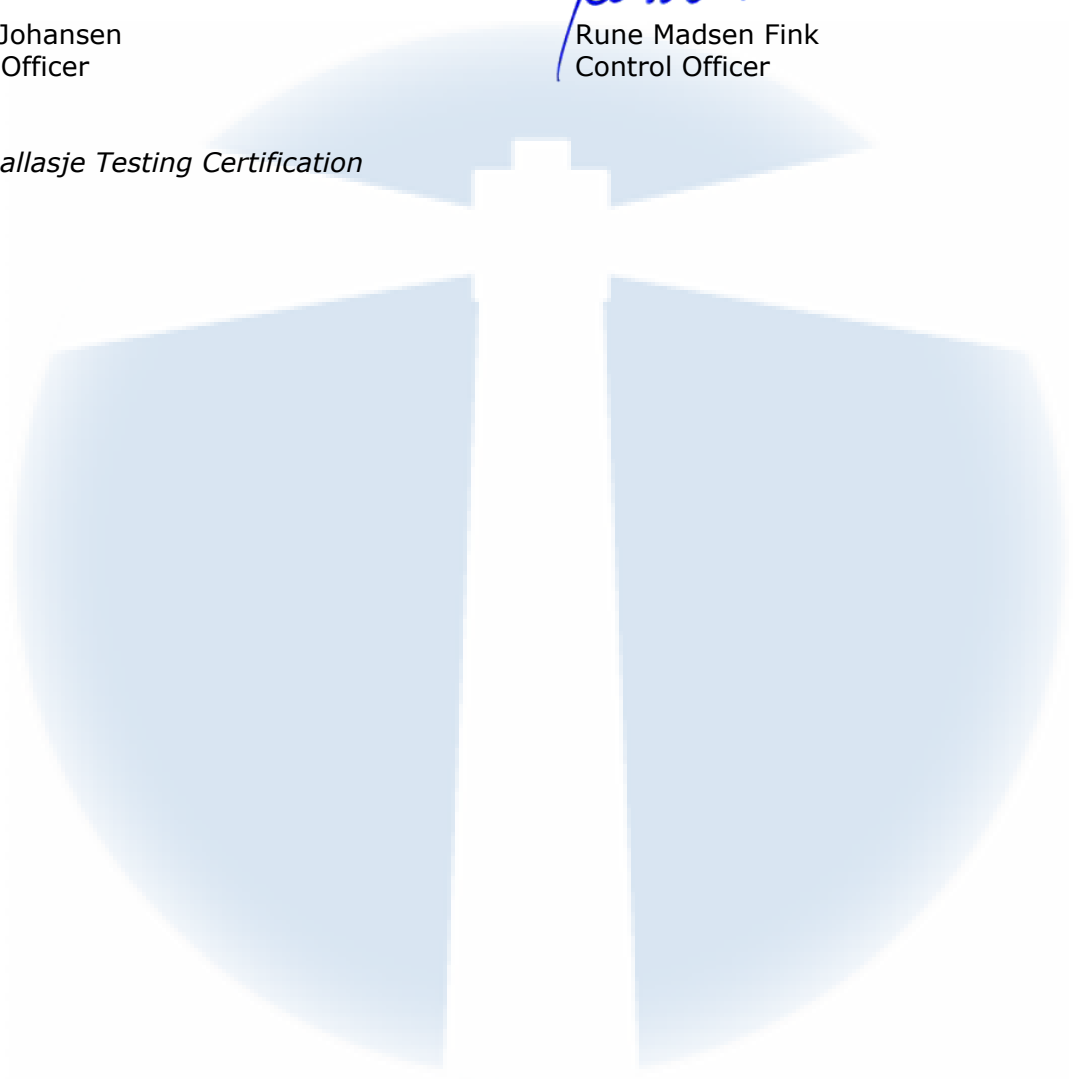
A handwritten signature in blue ink, reading 'Geir M. Johansen'.

Geir Morten Johansen
Certification Officer

A handwritten signature in blue ink, reading 'Rune Madsen Fink'.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing Certification

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