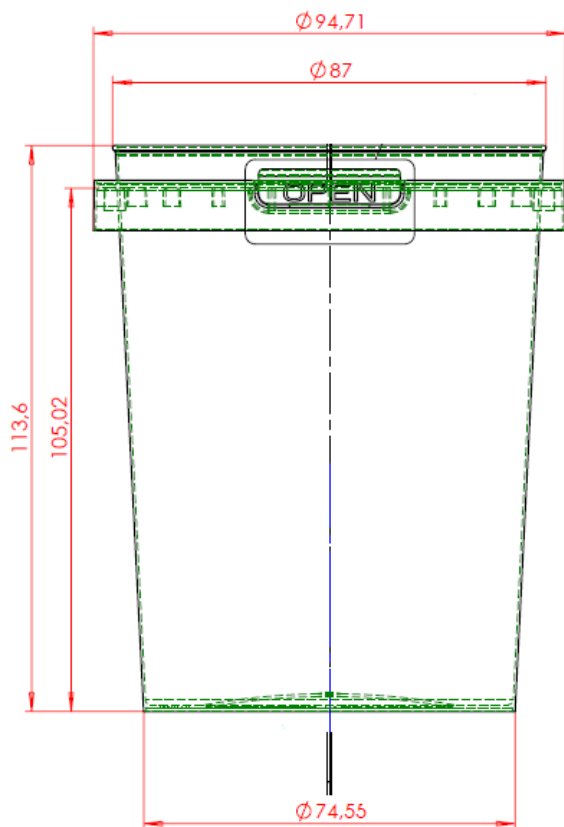


PP-5 CZ/2kr **tight** PL/2kr

Prepared:
12.05.2014r

Prepared by:
Tomasz Jamróży



Volume:

Nominal	: 500 (+/-30) cm ³
Total usable	: 515 (+/-30) cm ³
Total	: 545 (+/-30) cm ³

Dimensions:

Upper diameter	: 87 (+/-0.5) mm
Lower diameter	: 74,55 (+/-0.5) mm
Height	: 113,6 (+/-0.5) mm

Weight:

Container's weight	: 17,1 (+/-0.6) g
Lid's weight	: 5.25 (+/-0.6) g
Handle's weight (pp)	: -
Total (pp)	: 22.35 (+/-1) g

Material:

Polipropylen homopolimer/copolymer

Chemical character: neutral, does not contain any substances categorized as environmentally or health hazardous

Physiochemical properties: Physical form: Solid state. Colour: Dependent on the used dye. Odour: Odourless. Softening point: 120÷200 °C. Flash point: 400 °C. Density: 0,89-0,91 g/cm³. Water solubility: Insoluble.

Stability: Durable under conditions of application and storage as in case of storing. Stored in open containers (palette) is prone to microorganisms.

Ecological information: Neutral for environment. Insoluble in water. Does not biodegrade. Waste management: Dependent on local regulations: recycling, incineration, disposal.

Utilization method: Product is fit for **recycling**. Utilization is dependent on local regulations: Direct to incineration. Direct to waste stockpile.

Application:

Food industry: **vegetable preserves, marinated vegetables, vegetable salads, fruits, tomato sauce, fruit preserves (jams, preserves, plum jams), mustard, mayonnaise, ice-creams, marinated fish, ready-made fish products, salt fish, caramel, syrup, dry loose food products, dry vegetable mixture, mealy dishes, milk preserves, vegetable/animal fats, popcorn, chips, cookies, sweets, peanuts, feed for animals and others.**

Chemical industry: **paints, dyes, glues, water-soluble varnishes, polishes, spatulas, fertilizers, washing powders, bleaches and others.**

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Transport and storage conditions :

Transport conditions: Closed or covered with tarpaulin box, no overloading with extra load. Palettes must be protected against: shifting, crushing and other mechanical damage. It is recommended not to exceed **60%** of maximum static load while stacking the containers during transport.

Storage conditions: Temperature from -5 to 35°C, Relative humidity: < 80%, no direct sunlight exposure, dry, clean, rodent and insect-free space, away from chemical resources and materials, in tightly closed cardboard boxes. Expiry date of packaging: 15 months from production date.

Filling and closing conditions: In case of storage of containers in the temperature below **5°C** it is required to seasoned them before filling. The time of seasoning depends on the conditions prevailing inside the manufacturing hall and must continue until the container reaches the temperature min. **15°C**, max medium temperature **95°C**, when stacking buckets in columns, medium temperature must be lower than **45°C**. After filling it is recommended not to stack more than 2 containers vertically. After reaching the temperature of 25-30° containers reach optimal strength and stiffness that enable stacking containers according to ultimate tensile strength listed below.

Lower bucket load: - - with a load of bulk density 1g/cm³ ; static crush (23°C, humidity 50%)

maximum = 0,3 kN = **30 kg**

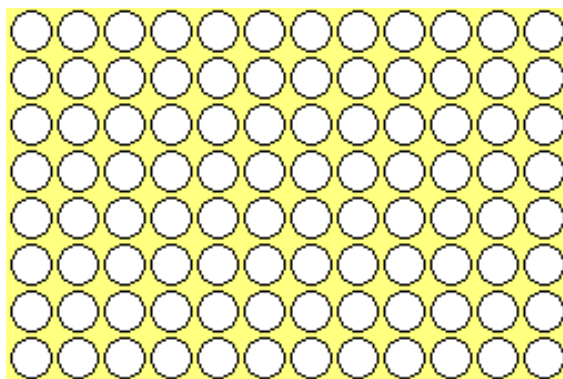
Recommended number of stacking of the containers for the palletizing of finished products (filled medium with a density 1.5g/cm³) taking into account the safe transportation: **to 32 levels**

Palletizing pattern:

Individual packaging with dimensions LxBxH	Cardboard 600 x 400 x 600 mm and plastic bag PE
Items on pallet:	7200 sets (container + lid)
Cardboards on pallet:12 (10 container, 2 lid), Items in cardboard: 720-container, 3600-lid, Columns in cardboard: container 24 (23x31 items + 1x7 items), lid 24 (24x150 items) Pallet height: 190 cm	
Palletizing:	Pallet EUR covered with plastic bag PE

Attention: The manufacturer does not take responsibility for any containers' deformations that result from stacking single palettes one on the other or setting any additional load on them.

Palletizing pattern for finished products:



View
from
above

Set : container PP5 with lid

Recommended palletizing of finished products