



# Technical data sheet

Doc. Revision AV\_10

Rev. date 18/06/2021

## PL 1105P, PL 1107P, PL 1108P, PL 1109P

### Hermetic bucket with pressure lid and sealing closure



| GENERAL FEATURES          |                                                                                                                                                                                                                                                     |                    |     |       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----|-------|
| Raw material              | Body                                                                                                                                                                                                                                                | Polypropylene (PP) |     |       |
|                           | Cap                                                                                                                                                                                                                                                 | Polypropylene (PP) |     |       |
|                           | Inner-cap                                                                                                                                                                                                                                           | -                  |     |       |
| Usage                     | Rectangular plastic buckets with plastic handle, pressure closing lid and sealing closure. The flat bottom without ribs and reliefs ensures easy cleaning ad total emptyng. Especially suitable in cosmetic, pharma, food and paint/dye industries. |                    |     |       |
| Colour                    | Body                                                                                                                                                                                                                                                | White              | Cap | White |
| Semi transparent          | No                                                                                                                                                                                                                                                  |                    |     |       |
| Temperature range         | -10°C / +95°C                                                                                                                                                                                                                                       |                    |     |       |
| Autoclavable              | YES - +121 °C for 20 minutes (bucket must be left open otherwise body deformation will occur)                                                                                                                                                       |                    |     |       |
| Sterilization             | By radiation                                                                                                                                                                                                                                        |                    |     |       |
| Conformity with standards | -                                                                                                                                                                                                                                                   |                    |     |       |
| Food contact compliance   | The product is suitable for food contact. It meets relevant requirements of the following directives or regulations: 1935/2004/CE as amended, UE 10/2011 as amended                                                                                 |                    |     |       |

| Item code              | PL | 1105P         | 1107P      | 1108P      | 1109P      |
|------------------------|----|---------------|------------|------------|------------|
| DIMENSIONS             |    |               |            |            |            |
| Capacity               |    | 3 l           | 5 l        | 10 l       | 11 l       |
| Graduation             |    | -             | -          | -          | -          |
| Top size               |    | 243x168 mm    | 286x198 mm | 286x198 mm | 365x247 mm |
| Bottom Size            |    | 218x143 mm    | 255x168 mm | 255x168 mm | 332x210 mm |
| Height                 |    | 119 mm        | 149 mm     | 266 mm     | 191 mm     |
| Normalized neck        |    | -             | -          | -          | -          |
| Dimensional tolerances |    | ± 1 mm        | ± 1 mm     | ± 1 mm     | ± 1 mm     |
| PACKAGING              |    |               |            |            |            |
| Pieces per bag         |    | 36            | 30         | 25         | 25         |
| Pieces per box         |    | -             | -          | -          | -          |
| Pieces per pallet      |    | 1470 pcs      | 1040 pcs   | 480 pcs    | 450 pcs    |
| Pallet dimensions      |    | 80x120x220 cm |            |            |            |



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## OTHER REMARKS

Hot filling is possible up to 95°C. After hot filling cool the container to room temperature before stacking.

## CHEMICAL COMPATIBILITY

Polyethylene and polypropylene based polymers are normally suitable for room-temperature contact with many organic solvents, diluted solutions of acids, bases and salts. They are typically not suitable for use with concentrated oxidizing acid and halogenated solvents. Detailed information on physical properties and chemical resistance (including concentration and temperature effect) is available upon request.

Several factors however may effect chemical compitbility such as temperature, concentration, contact time, presence of internal stress, wall/film thickness. The user is advised to make its own tests to determine the suitability of polymer for the particular environment/application.

## STORAGE CONDITIONS

Product should be stored in its original packaging and kept dry at all times. If product is delivered on pallet regular inspection is suggested. Storage area should be clean and dry. Never expose product to direct sunlight.

Optimum storage temperature is between 10°C and 30°C, 20% to 80% RH

Avoid prolonged storage at extreme temperature. Do not exceed the following limits: -10°C / +40°C

## LEGAL DISCLAIMER

The information provided in this document is intended for informational purposes only and is subject to change without notice. LAMAPLAST reserve the right to make improvements and/or changes in the product described at any time without notice.