Amended claims, clean version 11 April 2019

P32861PC00/WHA

CLAIMS

1. Single-use container (200) manufactured from sheet material, the single-use container comprising:
   - a base (206) on which the single-use container can stand,
   - a front wall (201), a right wall (202), a left wall (203) and a rear wall (204) which extend upward from the base,
   - an upper end (207),

   wherein the right wall and left wall are connected to the front wall and rear wall via fold lines (80, 81,181,182) which extend upwardly from the base and wherein side wall fold lines (14,15) extend over the right and left wall upwardly from the base,

   wherein a central base fold line (66) extends along the base,

   wherein the single-use container is configured to be transformed from a collapsed state to an expanded state by unfolding the side wall fold lines (14,15) and folding the fold lines (80, 81,181,182), and unfolding the base about the central base fold line, thereby forming the right and left wall and expanding the collapsed single-use container into an expanded state,

   wherein the front wall and the rear wall are convex, and wherein the right wall and left wall are concave,

   wherein in front view the single-use container has a waist section (35), wherein the waist section has a front width (W1) which is smaller than a front width (W2) at the base and wherein the waist section front width (W1) is smaller than a front width (W3) at the upper end, wherein the front width gradually decreases from the base to the waist section and gradually increases from the waist section to the upper end,

   wherein the right wall and left wall are curved substantially in a single plane of curvature.

2. Single-use container according to claim 1, wherein corners (214, 215, 216, 217) of the base are located at a distance (D3) inward from an outer edge (199) of a blank from which the single-use container is made.

3. Single-use container according to any of the preceding claims, forming a single-use urinal, wherein the front wall (201) comprises:
   - a pee opening (209), or
   - a pee opening area (28) having a perimeter (208) which is at least partially weakened and is configured to be broken to remove the pee opening area or

to fold the pee opening area inward or outward in order to form the pee opening (209).

or wherein at least one side wall (202,203) comprises:

- a pee opening (209), or
- a pee opening area (28) having a perimeter (208) which is at least partially weakened and is configured to be broken to remove the pee opening area or to fold the pee opening area inward or outward in order to form the pee opening (209).

4. Single-use container according to any of the preceding claims, wherein the upper end can be opened by the user by pushing the left and right corners (221, 222) inward, thereby creating an upper opening (220).

5. Single use container according to any of the preceding claims, comprising an inner liner bag (600) which is attached to the inside of a front wall (201), the inner liner bag comprising an opening which is aligned with opening (28) in the front wall.

6. Collapsed single-use container (100) configured to be expanded into the single-use container according to any of the preceding claims, the collapsed single-use container being manufactured from sheet material and comprising:
   - a base section (13) folded onto itself along a central base fold line (66),
   - a front part (72) comprising:
     - a central front part (73) which defines the front wall (201) of the single-use container which is to be formed,
     - a left front part (74), which defines a forward part of the left wall (203) of the single-use container which is to be formed,
     - a right front part (75), which defines a forward part of the right wall (202) of the single-use container which is to be formed,
   - a rear part (76) comprising:
     - a central rear part which defines the rear wall (204) of the single-use container which is to be formed,
     - a left rear section which defines a rearward part of the left wall (203) of the single-use container which is to be formed,
     - a right rear section which defines a rearward part of the right wall (202) of the single-use container which is to be formed,
   - an upper end (207).

wherein the central front part is connected to the left front part and right front part via fold lines (80, 81), and wherein the central rear part is connected to the left rear part and right rear part via fold lines (181,182),

wherein side wall fold lines (14,15) extend over the right and left wall and form a right edge (82) and a left edge (82) of the collapsed single-use container,

wherein a central base fold line (66) extends along the base section,

wherein the collapsed single-use container is configured to be transformed from the collapsed state to an expanded state by pushing the right edge (82) and the left edge (82) of the collapsed single-use container inward, thereby unfolding the side wall fold lines (14,15), forming the right and left wall and unfolding the base section into a base,

wherein in the expanded state of the collapsed single-use container:

the front wall and the rear wall are convex, and the right wall and left wall are concave, and

wherein in front view the single-use container has a waist section (35), the waist section having a front width (W1) which is smaller than a front width (W2) at the base and wherein the waist section front width is smaller than a front width (W3) at the upper end, wherein in particular the front width gradually decreases from the base to the waist section and gradually increases from the waist section to the upper end, and

wherein the right wall and left wall are curved substantially in a single plane of curvature.

7. Collapsed single-use container according to claim 6, wherein in front view
   - the right edge (82) comprises an upper right edge (84) and a lower right edge (85), and
   - the left edge (83) comprises an upper left edge (86) and a lower left edge (87),

wherein due to the fact that the base section is folded onto itself:

- the lower right edge comprises a front lower right edge part (85A) and a rear lower right edge part (85B) and
- the lower left edge comprises a front lower left edge part (87A) and a rear lower left edge part (87B),

wherein the upper right edge, the front lower right edge part and the rear lower right edge part form folding lines which can be pushed inwards, thereby forming the right wall during the expanding of the collapsible container, and

wherein the upper left edge, the front lower left edge part and the rear lower left edge part form folding lines which can be pushed inwards, thereby forming the left wall during the expanding of the collapsible container.

8. Collapsed single-use container according to claim 6 or 7, forming a single-use urinal, wherein the front wall (201) comprises:
   - a pee opening (209), or
   - a pee opening area (28) having a perimeter (208) which is at least partially weakened and is configured to be broken to remove the pee opening area or to fold the pee opening area inward or outward in order to form the pee opening (209),

   or wherein at least one side wall (202,203) comprises:
   - a pee opening (209), or
   - a pee opening area (28) having a perimeter (208) which is at least partially weakened and is configured to be broken to remove the pee opening area or to fold the pee opening area inward or outward in order to form the pee opening (209).

9. Blank (10) for manufacturing a collapsed single-use container (100) according to any of claims 22-38, the blank comprising:
   - a base section (13),
   - a wall section (11), and
   - an upper end section (12),

   wherein the base section is delimited from the wall section by a base perimeter fold line (30),

   wherein the wall section comprises a front wall zone (31), a rear wall zone (32), a right wall zone (33) and a left wall zone (34),

   wherein side wall fold lines (14,15) extend over the right and left wall zone,

   wherein the front wall zone and the rear wall zone have a waist section (35) having a width which is smaller than a width at a bottom of the front wall zone and the rear wall zone and smaller than a width at a top of the front wall zone and the rear wall zone,

   wherein the right wall zone and the left wall zone have a belly section (36) having a width which is greater than a width at a bottom of the right wall zone and left wall zone and greater than a width at the top of the right wall zone and the left wall zone,

   wherein the front wall and the rear wall of the container which is to be formed from the collapsed single-use container (100) are convex, and wherein the right wall

and left wall of a container which is to be formed from the collapsed single-use container (100) are concave,

wherein the right wall and left wall of the container which is to be formed from the collapsed single-use container (100) are curved substantially in a single plane of curvature.

10. Blank according to claim 9, wherein the front wall zone comprises:
    - a pee opening (209), or
    - a pee opening area (28) having a perimeter (208) which is at least partially weakened and is configured to be broken to remove the pee opening area or to fold the pee opening area inward or outward in order to form the pee opening (209)

wherein the base section has a square or rectangular shape, wherein the base is flat when unfolded and forms a surface on which the container can stand,

wherein the corners (214, 215, 216, 217) of the base section are located at a distance (D3) inward from an outer edge (199) of the blank.

11. Blank according to any of claims 9-10, wherein corner locations (50, 51, 52, 53) of the blank which are configured to form corners of base section of the collapsed single-use container and corners of base of the single-use container are located at a distance (D3) inward from an outer edge (199) of the blank.

12. Blank according to any of claims 9-11, wherein the front wall zone comprises:
    - a pee opening (209), or
    - a pee opening area (28) having a perimeter (208) which is at least partially weakened and is configured to be broken to remove the pee opening area or to fold the pee opening area inward or outward in order to form the pee opening (209).

13. Method of manufacturing the collapsed single-use container according to any of claims 6-8 from the blank according to any of claims 9-12, the method comprising interconnecting the front wall zone (31), the rear wall zone (32), the right wall zone (33) and the left wall zone (34) into a circumferential wall by an adhesive connection.

14. Method according to claim 13, comprising providing an inner liner bag (600) in the collapsed container and attaching a front wall of the inner liner bag to a front wall of the collapsed container, wherein the inner liner bag comprises an opening in the front wall, wherein said opening is aligned with the opening (28) of the collapsed container.

15. Method of forming the single-use container (200) of any of claims 1-5 from the collapsed container (100) of any of claims 6-8, the method providing the collapsed container (100) of any of claims 6-8, pushing a left edge (83) and a right edge (82) of the collapsed single-use container inward, and forming the concave right and left wall and the convex front and rear wall, wherein the right wall and left wall are curved substantially in a single plane of curvature.