CLAIMS

What is claimed is:

1. A fitment for a fluid containment system, comprising:

a liner fitment, including a liner joining surface, the liner joining surface configured to be joined to a liner, wherein the liner fitment defines a liner fitment aperture; and

a retainer, including a container joining surface, the container joining surface configured to be joined to a container, wherein the retainer defines a retainer aperture having an inner diameter larger than an outer diameter of the liner fitment at an end of the liner fitment,

wherein the liner fitment and the retainer are joined to one another,

wherein the liner fitment includes one or more first connection features located on the outer surface of the liner fitment and the retainer includes one or more second connection features, one of the first connection features and the second connection features is a protrusion and the other of the first connection features and the second connection features is an opening having a width, height, and depth capable of receiving the protrusion to secure the liner fitment and the retainer together, and

the liner fitment and the retainer are joined via interface of the one or more first connection features and the one or more second connection features, wherein the protrusion and the opening combine are configured to provide a snap fit joining the liner fitment to the retainer.

2. The fitment according to claim 1, wherein the liner joining surface is disposed on an annular flange.

3. The fitment according to claim 1, wherein the liner joining surface is disposed on one or more curved surfaces extending from a first end point to a second end point.

4. The fitment according to claim 1, wherein the retainer includes one or more vent holes, allowing fluid communication between a first side of the retainer to a second side of the retainer, the second side of the retainer being opposite the first side of the retainer.

~~5. The fitment according to claim 1, wherein the liner fitment comprises a fluoropolymer.~~

6.5. The fitment according to claim 1, wherein the retainer is threaded at an end of the retainer aperture.

7. The fitment according to claim 1, wherein the retainer comprises a UV-blocking material.

8. The fitment according to claim 1, wherein the retainer comprises a polymer that is ultrasonically weldable to a stretch-blow moldable polymer.

9. The fitment according to claim 1, wherein the liner fitment includes one or more first connection features located on the outer surface of the liner fitment and the retainer includes one or more second connection features, and the liner fitment and the retainer are joined via interface of the one or more first connection features and the one or more second connection features.

10.6. The fitment according to claim 1, wherein an O-ring is located between the liner fitment and the retainer.

11.7. The fitment according to claim 106, further comprising an annular groove in an outer surface of the liner fitment, wherein the O-ring is located within the annular groove.

12.8. A containment system, comprising:

a liner;

a fitment according to any one of claims 1 to 7; and

a container,

wherein the fitment includes:

a liner fitment having a liner joining surface joined to the liner and defining a liner fitment aperture, and

a retainer having a container joining surface joined to the container and defining a retainer aperture having an inner diameter larger than an outer diameter of the liner fitment at an end of the liner fitment, and

the container surrounds the liner.

13. The containment system according to claim 12, wherein the liner is joined to the liner joining surface of the fitment by a weld.

~~14. The containment system according to claim 12, wherein the container is joined to the retainer by a snap-fit.~~

~~15. The containment system according to claim 12, wherein the container comprises a UV-blocking material.~~

~~16. The containment system according to claim 12, wherein the container comprises a stretch-blow moldable polymer and the retainer comprises the same stretch-blow moldable polymer.~~

~~17. The containment system according to claim 12, wherein the liner comprises a fluoropolymer.~~

~~18. A method of manufacturing a containment system, comprising:~~
~~welding a liner to a fitment at a liner joining surface;~~
~~placing the liner and the fitment inside a container;~~
~~pressurizing the liner; and~~
~~joining the fitment to the container at a container joining surface.~~

~~19. The method according to claim 18, wherein joining the fitment to the container comprises ultrasonically welding the fitment to the container, and when joining the fitment to the container, the liner is pressurized.~~

~~20. The method according to claim 18, wherein the fitment comprises:~~
~~a liner fitment, including a liner joining surface, the liner joining surface configured to be joined to a liner, wherein the liner fitment defines a liner fitment aperture; and~~
~~a retainer, including a container joining surface, the container joining surface configured to be joined to a container, wherein the retainer defines a retainer aperture having an inner diameter larger than an outer diameter of the liner fitment at an end of the liner fitment, and the liner fitment and the retainer are joined to one another.~~