CLAIMS

1. A cap for attachment to a container body, the cap comprising:

an inner frame member shaped as a tube having a first end portion and a second end portion in an axial direction, a flange portion that protrudes radially outward being formed on the second end portion side;

an outer frame member that has a first end portion and a second end portion in an axial direction, and is shaped as a tube to be placed around the inner frame member, an outer frame engaging portion being formed on the first end portion side, and a cover portion that covers an outer periphery of the flange portion being formed on the second end portion side; and

an elastic member that is sandwiched between the outer frame engaging portion of the outer frame member and the first end portion of the inner frame member, and blocks an opening of the first end portion of the inner frame member,

wherein the cap has a weld portion in which the flange portion of the inner frame member and a portion of an inner wall surface of the outer frame member are fixed by welding,

a gap located radially outward relative to the weld portion is formed between the cover portion of the outer frame member and the flange portion of the inner frame member,

a wall portion extending in the axial direction is formed in a radial direction between the weld portion and the gap; and

the gap extends from the weld portion and is open on the

second end portion side of the outer frame member in the axial direction.

2. The cap according to claim 1, wherein the weld portion is formed by ultrasonic welding.

3. The cap according to claim 1 or 2, wherein the weld portion is formed by a protruding portion or a receding portion formed on the outer frame member and a receding portion or a protruding portion formed on the inner frame member being fitted together.

4. The cap according to claim 3, wherein the weld portion is formed by the protruding portion formed on the outer frame member and the receding portion formed on the inner frame member,

the wall portion is formed radially outward in the receding portion in the inner frame member.

5. The cap according to any of claims 1 to 4, wherein the gap is 0.1 to 1.0 mm.

6. The cap according to any of claims 1 to 5,

further comprising a thin film that blocks the opening of the first end portion of the inner frame member,

wherein the elastic member is arranged between the thin film and the outer frame engaging portion of the outer frame member.

7. The cap according to any of claims 1 to 6,

wherein the outer frame member includes a tube-shaped main body portion that has a first end portion and a second end portion in an axial direction, and the cover portion provided integrally with an outer circumferential surface of the second end portion of the main body portion, and

the weld portion is formed by welding of an end surface of the second end portion of the main body portion and a surface of the flange portion that faces the first end portion side.

8. A container comprising:

a container body that has a bag-like shape and is provided with tube-shaped port capable of discharging contents; and

the cap according to any of claims 1 to 7,

wherein at least one of the second end portion of the outer frame member and the second end portion of the inner frame member is fixed to the port of the container body.

9. A container comprising:

a container body formed with a bag-like shape by overlaying a pair of films; and

the cap according to any of claims 1 to 7,

wherein a tube-shaped insertion portion that extends in a direction opposite to the first end portion is provided on the second end portion of the inner frame member, and

the insertion portion of the inner frame member is fixed

between the pair of films of the container body.

10. A method for manufacturing a cap for attachment to a container body, comprising:

preparing an inner frame member shaped as a tube having a first end portion and a second end portion in an axial direction, a flange portion that protrudes radially outward being formed on the second end portion side;

preparing an outer frame member that has a first end portion and a second end portion in an axial direction, and is shaped as a tube to be placed around the inner frame member, an outer frame engaging portion being formed on the first end portion side, and a cover portion that covers an outer periphery of the flange portion being formed on the second end portion side;

sandwiching an elastic member between the outer frame engaging portion of the outer frame member and the first end portion of the inner frame member such that an opening of the first end portion of the inner frame member is blocked by the elastic member, and forming a gap between the cover portion of the outer frame member and the flange portion of the inner frame member, the gap being open on the second end portion side of the outer frame member in the axial direction; and

welding, by ultrasonic welding, the flange portion of the inner frame member and a portion of an inner wall surface of the outer frame member at a location radially inward of the gap,

wherein a wall portion extending in the axial direction

is formed in a radial direction between the weld portion and the gap.