AMENDED CLAIMS

1. - Method for forming a tubular container for food products, characterized in that it comprises the following steps performed from a single piece of ~~on~~ a flexible sheet (3) material:

a) folding or rolling a portion of said flexible sheet (3) forming a first tubular body (1);

b) sealing one of the bases (1a) of the first tubular body (1);

c) folding or rolling the rest of the flexible sheet (3) which is not part of said first tubular body (1) concentrically around the first tubular body (1), forming a second tubular body (2) outside the first tubular body (1); and

d) joining part of the final longitudinal end of the inner surface of the second tubular body (2) to part of the outer surface of the first tubular body (1), forming two independent cavities:

a first cavity (4) inside the first tubular body (1); and

a second cavity (5) inside the second tubular body (2) and outside the first tubular body (1)~~.~~; wherein said second cavity (5) is formed by the space between the outer surface part of the first tubular body (1) in is area for sealing the base thereof, with the inner surface part of the second tubular body (2) created in the second rolling;

wherein after step d) the method further comprises the following steps:

e) introducing a first food product (6) inside the first cavity (4);

f) sealing the base (2a) belonging to the first cavity (4), resulting in the first cavity (4) being completely closed and with the first food product (6) housed therein;

g) introducing a second food product (7) inside the second cavity (5); and

h) sealing the unclosed base (2b) belonging to the second cavity (5), resulting in the second cavity (5) being completely sealed and with the second food product (7) housed therein.

2. - Method for forming a tubular container for food products according to claim 1, characterized in that in step d), joining part of the final longitudinal end of the inner surface of the second tubular body (2) to part of the outer surface of the first tubular body (1) is performed such that the first cavity (4) has a single access to the outside through one of the sides of the formed container; and the second cavity (5) has a single access to the outside through the other one of the sides of the formed container.

3. - Method for forming a tubular container for food products according to any of the preceding claims, characterized in that step c) is performed before step b).

~~4. - Method for forming a tubular container for food products according to any of the preceding claims, characterized in that after step d) the method comprises the following steps:~~

~~e) introducing a first food product (6) inside the first cavity (4);~~

~~f) sealing the base (2a) belonging to the first cavity (4), resulting in the first cavity (4) being completely closed and with the first product (6) housed therein;~~

~~g) introducing a second food product (7) inside the second cavity (5); and~~

~~h) sealing the unclosed base (2b) belonging to the second cavity (5), resulting in the second cavity (5) being completely sealed and with the second product (7) housed therein.~~

4 ~~5~~. - Method for forming a tubular container for food products according to claim 1 ~~4~~, characterized in that

in step e), the first product (6) comprises a solid food product; and

in step g), the second product (7) comprises a powder food product.

5 ~~6~~. - Method for forming a tubular container for food products, characterized in that it comprises the following steps performed from a single piece of ~~on~~ a flexible sheet

(3) material:

a) folding or rolling a portion of said flexible sheet (3) forming a first tubular body (1); sealing or fixing this formed first tubular body to the inner face of the flexible sheet (3);

b) folding or rolling the rest of the flexible sheet (3) which is not part of said first tubular body (1) concentrically or non-concentrically around the first tubular body (1), forming a second tubular body (2) outside the first tubular body (1);

c) joining part of the final longitudinal end of the inner surface of the second tubular body (2) to part of the outer surface of the first tubular body (1) or joining it to the surface forming the second tubular body (2), forming two independent cavities:

a first cavity (4) inside the first tubular body (1); and

a second cavity (5) inside the second tubular body (2) and outside the first tubular body (1), wherein said second cavity (5) is formed by the space between the outer surface part of the first tubular body (1) in is area for sealing the base thereof, with the inner surface part of the second tubular body (2) created in the second rolling;

whereby, the first tubular body (1) is open at both ends forming a suction element with respect to the product contained in the second tubular body (2);

d) introducing a first food product (6) inside the first cavity (4) or alternatively leaving it empty;

e) introducing a second food product (7) inside the second cavity (56); and

f) sealing the bases of the second cavity (56), resulting in the second cavity (56) being completely sealed and with the second food product (7) housed therein.

6 ~~7~~. - Method for forming a tubular container for food products according to claim

5~~6~~, characterized in that between steps d) and e) there is a step consisting of:

g) sealing at least one of the bases belonging to the first cavity (4), resulting in the first cavity (4) being closed in at least one of its ends.

7 ~~8~~. - Method for forming a tubular container for food products according to claim 5~~6~~, characterized in that after step a) the method comprises an additional step of trimming the length of the first tubular body (1) with respect to the rest of the remaining flexible sheet (3).

8 ~~9~~. - Method for forming a tubular container for food products according to claim 5~~6~~, characterized in that the ends (2a, 2b) of the second tubular body (2) close said second tubular body (2) without affecting the ends of the first tubular body (1), which is open at both ends and becomes a suction body with respect to the product contained inside the second tubular body (2).

9 ~~10~~. - Method for forming a tubular container for food products according to claim 5~~6~~, characterized in that a first end (8) of the second tubular body (2) is detachable, exposing the end of the first tubular body (1) which is a suction element with respect to the product contained inside the second tubular body (2).

10. - Method for forming a tubular container for food products according to claims 1 or 5, wherein the tubular container is formed and filled in the same method.

11. - Tubular container for food products obtained according to the method defined in any of the preceding claims.

AMENDED CLAIMS

1. - Method for forming a tubular container for food products, characterized in that it comprises the following steps performed from a single piece of a flexible sheet (3) material:

a) folding or rolling a portion of said flexible sheet (3) forming a first tubular body (1);

b) sealing one of the bases (1a) of the first tubular body (1);

c) folding or rolling the rest of the flexible sheet (3) which is not part of said first tubular body (1) concentrically around the first tubular body (1), forming a second tubular body (2) outside the first tubular body (1); and

d) joining part of the final longitudinal end of the inner surface of the second tubular body (2) to part of the outer surface of the first tubular body (1), forming two independent cavities:

a first cavity (4) inside the first tubular body (1); and

a second cavity (5) inside the second tubular body (2) and outside the first tubular body (1), wherein said second cavity (5) is formed by the space between the outer surface part of the first tubular body (1) in is area for sealing the base thereof, with the inner surface part of the second tubular body (2) created in the second rolling;

wherein after step d) the method further comprises the following steps:

e) introducing a first food product (6) inside the first cavity (4);

f) sealing the base (2a) belonging to the first cavity (4), resulting in the first cavity (4) being completely closed and with the first food product (6) housed therein;

g) introducing a second food product (7) inside the second cavity (5); and

h) sealing the unclosed base (2b) belonging to the second cavity (5), resulting in the second cavity (5) being completely sealed and with the second food product (7) housed therein.

2. - Method for forming a tubular container for food products according to claim 1, characterized in that in step d), joining part of the final longitudinal end of the inner surface of the second tubular body (2) to part of the outer surface of the first tubular body (1) is performed such that the first cavity (4) has a single access to the outside through one of the sides of the formed container; and the second cavity (5) has a single access to the outside through the other one of the sides of the formed container.

3. - Method for forming a tubular container for food products according to any of the preceding claims, characterized in that step c) is performed before step b).

4. - Method for forming a tubular container for food products according to claim 1, characterized in that

in step e), the first product (6) comprises a solid food product; and

in step g), the second product (7) comprises a powder food product.

5. - Method for forming a tubular container for food products, characterized in that it comprises the following steps performed from a single piece of a flexible sheet (3) material:

a) folding or rolling a portion of said flexible sheet (3) forming a first tubular body (1); sealing or fixing this formed first tubular body to the inner face of the flexible sheet (3);

b) folding or rolling the rest of the flexible sheet (3) which is not part of said first tubular body (1) concentrically or non-concentrically around the first tubular body (1), forming a second tubular body (2) outside the first tubular body (1);

c) joining part of the final longitudinal end of the inner surface of the second tubular body (2) to part of the outer surface of the first tubular body (1) or joining it to the surface forming the second tubular body (2), forming two independent cavities:

a first cavity (4) inside the first tubular body (1); and

a second cavity (5) inside the second tubular body (2) and outside the first tubular body (1), wherein said second cavity (5) is formed by the space

between the outer surface part of the first tubular body (1) in is area for sealing the base thereof, with the inner surface part of the second tubular body (2) created in the second rolling;

whereby, the first tubular body (1) is open at both ends forming a suction element with respect to the product contained in the second tubular body (2);

d) introducing a first food product (6) inside the first cavity (4) or alternatively leaving it empty;

e) introducing a second food product (7) inside the second cavity (5); and

f) sealing the bases of the second cavity (5), resulting in the second cavity (5) being completely sealed and with the second food product (7) housed therein.

6. - Method for forming a tubular container for food products according to claim 5, characterized in that between steps d) and e) there is a step consisting of:

g) sealing at least one of the bases belonging to the first cavity (4), resulting in the first cavity (4) being closed in at least one of its ends.

7. - Method for forming a tubular container for food products according to claim 5, characterized in that after step a) the method comprises an additional step of trimming the length of the first tubular body (1) with respect to the rest of the remaining flexible sheet (3).

8. - Method for forming a tubular container for food products according to claim 5, characterized in that the ends (2a, 2b) of the second tubular body (2) close said second tubular body (2) without affecting the ends of the first tubular body (1), which is open at both ends and becomes a suction body with respect to the product contained inside the second tubular body (2).

9. - Method for forming a tubular container for food products according to claim 5, characterized in that a first end (8) of the second tubular body (2) is detachable, exposing the end of the first tubular body (1) which is a suction element with respect to the product contained inside the second tubular body (2).

10. - Method for forming a tubular container for food products according to claims 1 or 5, wherein the tubular container is formed and filled in the same method.

11. - Tubular container for food products obtained according to the method defined in any of the preceding claims.