CLAIMS

1. A sealing member comprising a plastically deformable material for mechanical sealing of hollow hoses of elastic material by an appliance having at least two jaws, at least one of which is movable towards and away from the other and which, when moving towards each other, crimp the sealing member against the hose and cut the hose and the sealing member for contamination-tight sealing of the hose, wherein the sealing member is one sealing member in the form of a cylindrical sleeve having a length and two opposite ends with one end formed at each end of the sleeve length and an opening that extends between said ends to allow the one sealing member to be slipped onto the hose to be sealed and the sealing member is configured such that a portion of said sealing member that borders one side of the opening of said sealing member overlaps a corresponding portion of said sealing member on the opposite side of the opening, and wherein the sealing member having a flexibility that makes it possible to stretch out the opening of the sealing member, in a radial direction of the sealing member and the flexibility makes it possible to arrange the sealing member at the hose and once the sealing member is provided around the hose, the portions adjacent the opening are provided so that they overlap each other.

2. A sealing member according to claim 1 wherein a portion of said sealing member that borders one side of the opening of said sealing member overlaps a corresponding portion of said sealing member on the opposite side of the opening and spans 361-390º of a circle circumscribing said sealing member.

3. A sealing member according to claim 1 wherein a portion of said sealing member that borders one side of the opening of said sealing member overlaps a corresponding portion of said sealing member on the opposite side of the opening and spans 370-390º of a circle circumscribing said sealing member.

4. A sealing member of claim 1 wherein the sealing member is adapted such that said overlap has a length that exceeds the material thickness of said sealing member.

5. A sealing member of claim 1 wherein the sealing member is a kit for mechanical sealing of hollow hoses of elastic material, the kit comprising the sealing member of claim 1 and an appliance having at least two jaws, at least one of which is movable towards and away from the other and which, when moving towards each other, crimp the sealing member against the hose for contamination-tight sealing of the same, wherein at least one of the jaws of the appliance has at least one bar which projects towards the other jaw and which, when the jaws are moving towards each other, makes an indentation in the sealing member and the hose to reinforce the sealing thereof as well as the fixing of the sleeve on the hose, and wherein at least one of the jaws has a cutting means, which projects towards the other jaw and which, when the jaws are moving towards each other, make a cutting indication in the sealing member and the hose to allow the hose to be cut in a sealing member.

6. A sealing member of claim 1 further comprising a hose has a first end and a second end and a first component attached to the first end and a second component attached to the second end with the sealing located over the hose between the first component and the second component.

~~7. A sealing member of claim 1 wherein the sealing member having a flexibility that makes it possible to stretch out the opening of the sealing member, in a radial direction of the sealing member, and the flexibility makes it possible to arrange the sealing member to hoses of varying diameters with the portions adjacent the opening provided so that they overlap each other.~~

~~8. A sealing member of claim 1 wherein the sealing member having a flexibility that makes it possible to stretch out the opening of the sealing member, in a radial direction of the sealing member and the flexibility makes it possible to arrange the sealing member at the hose and once the sealing member is provided around the hose, the portions adjacent the opening are provided so that they overlap each other.~~

~~9~~ 7. A sealing member of claim 1 wherein the sealing member having a flexibility that makes it possible to stretch out the opening of the sealing member, in a radial direction of the sealing member and the flexibility makes it possible to arrange the sealing member to hoses of varying diameters with the portions adjacent the opening provided so that they overlap each other.

~~10~~ 8. A method for mechanical sealing of hollow hoses by means of an appliance having at least two jaws, at least one of which is movable towards and away from each other, comprising the steps of

providing a hose having a first and second end, the first end of the hose being attached to a first component, the second end of the hose being attached to a second component, providing a sealing member of claims 1-~~9~~ 7;

arranging the sealing member on the hose between the first component and the second component by stretching out the opening of the sealing member in a radial direction of the sealing member to allow the positioning of the sealing member around the hose and allowing the sealing member to return to its normal position in such a manner that a portion of the sealing member overlap the corresponding portion of the sealing member;

crimping the sealing member against the hose by means of said appliance for contamination-tight sealing and cutting the sealing member and hose.