Claims

1. A jacket (110) for watertight sealing a medical device (112), wherein the jacket (110) comprises at least one flexible envelope (114), wherein the flexible envelope (114) comprises at least one first side (116) and at least one opposing second side (120), wherein the first side (116) comprises:
    - at least one first sealing lip (124), wherein the first sealing lip (124) is configured to surround the medical device (112); and
    - at least one second sealing lip (126), wherein the second sealing lip (126) is configured to surround the medical device (112), wherein the second sealing lip (126) is spaced apart from the first sealing lip (124);

    wherein the flexible envelope (114) further comprises at least one envelope contacting sealing end (150), wherein the envelope contacting sealing end (150) is fixedly connectable to the opposing second side (120) of the flexible envelope (114).

2. The jacket (110) according to claim 1, wherein the second sealing lip (126) surrounds the first sealing lip (124).

3. The jacket (110) according to any one of claims 1 to 2, wherein the flexible envelope (114) comprises at least one low elasticity section.

4. The jacket (110) according to any one of claims 1 to 3, wherein the medical device (112) has a medical device height h_{md}, wherein, in a compressed state of the first sealing lip (124), the first sealing lip (124) has a first sealing lip height, wherein the first sealing lip height is larger than the medical device height h_{md}.

5. The jacket (110) according to any one of claims 1 to 4, wherein the second sealing lip (126) comprises at least one first portion (134) and at least one second portion (136).

6. The jacket (110) according to claim 5, wherein the first portion (134) at least partially runs along an outer edge (138) of the flexible envelope (114).

7. The jacket (110) according to any one of claims 5 to 6, wherein first portion ends (146) of the first portion (134) respectively contact second portion ends (144) of the second portion (136), wherein the first portion ends (146) of the first portion (134) are located on opposing sides relative to a longitudinal axis (148) of the flexible envelope (114).

8. The jacket (110) according to any one of claims 5 to 7, wherein the first portion (134) is a skin contacting portion (178), wherein the second portion (136) is an interlocking portion (180) configured to contact the opposing second side (120) of the flexible envelope (114) and configured to be arranged next to the first portion (134) thereby establishing a form-fit connection.

9. The jacket (110) according to any one of claims 1 to 9, wherein the envelope contacting sealing end (150) is made of a material which is more elastic than a material of a remaining portion of the flexible envelope (114).

10. The jacket (110) according to any one of claims 1 to 9, wherein one or both of the first sealing lip (124) and the second sealing lip (126) are one or both of inflatable sealing lips, compressible sealing lips.

11. The jacket (110) according to any one of claims 1 to 10, wherein the first side (116) at least partially comprises at least one adhesive material.

12. The jacket (110) according to any one of claims 1 to 11, wherein the flexible envelope (114) is at least partially made of at least one transparent material.

13. The jacket (110) according to any one of claims 1 to 12, wherein the first side (116) is at least partially colored with at least one first color, wherein the opposing second side (120) is at least partially colored with at least one second color, wherein the first color is different from the second color.

14. The jacket (110) according to any one of claims 1 to 13, wherein the jacket (110) additionally comprises at least one humidity sensor.

15. A method for watertight sealing a medical device, the method comprising the following steps:

a) mounting at least one medical device (110) on a skin site (168) of an extremity (164) of a user;

b) placing the jacket (110) according to any one of claims 1 to 14 onto the skin site (168) such that the first sealing lip (124) and the second sealing lip (126) surround the medical device (112); and

c) wrapping the flexible envelope (114) around the extremity (164) and fixedly connecting the envelope contacting sealing end (150) to the opposing second side (120) of the of flexible envelope (114).