COMPRESSION POUCH FOR STORING OUTERS

[Technical Field]

[0001] The present invention relates to a compression pouch for storing outers, which is capable of compressing and storing a plurality of outer garments.

[Background Art]

[0002] Recently, due to global warming, the annual temperature variation worldwide has become extreme, leading people to purchase more thick outer garments to prepare for winter cold.

[0003] However, since such thick outer garments are not worn during summer, there is a problem of insufficient closet space for storing them.

[0004] Thick outer garments worn in winter are bulky and occupy a large amount of closet space. When such outer garments are stored in insufficient space, they may be damaged by mold or pests due to moisture.

[0005] According to the prior art, as shown in FIG. 1, thick winter outer garments were often stored using vacuum compression packs. However, this method has disadvantages in that the vacuum compression pack itself has volume, making space utilization inefficient when storing multiple outer garments, and the vacuum compression packs are not easily recyclable, causing environmental pollution.

[0006] Therefore, there is a need for technology that has no environmental pollution concerns, reduces the volume of thick winter outer garments to efficiently use closet space, and safely protects clothes from moisture and pests even in enclosed spaces.

[Disclosure of Invention]

[Technical Problem]

[0007] The present invention aims to implement a compression pouch for storing outers to solve the above problems.

[0008] Through this, the present invention aims to provide a clothing storage solution that increases space utilization by reducing the volume of thick winter outer garments, protects clothes from moisture and pests, and enables efficient storage and management.

[Technical Solution]

[0009] According to an embodiment of the present invention for achieving the above technical problem, a compression pouch for storing outers comprises: a pouch body having a storage space for storing at least one outer garment; a compression section formed on a side surface of the pouch body, configured to compress the storage space as a zipper is fastened; and a pair of protruding hook portions respectively positioned at upper ends of a front portion and a rear portion of the pouch body, formed in an upward direction of the pouch body, wherein the pair of protruding hook portions have a shape capable of being hung on and fixed to a hanging rod.

[0010] Also, the pouch body comprises a ventilation portion formed with a predetermined width in a region of the front portion and the rear portion of the pouch body, and the ventilation portion is composed of a mesh material in a lattice

form, configured to allow air flow between external air and air inside the pouch body.

[0011] Also, among the pair of protruding hook portions, one protruding hook portion is connected to the front portion, and another protruding hook portion is connected to the rear portion, and when the zipper of the compression section is fastened and the storage space of the pouch body is compressed, the respective protruding hook portions are formed to overlap in an identical shape.

[0012] Also, the front portion comprises a zipper and a zipper line formed along an outer edge of a boundary surface where the front portion and the side surface of the pouch body meet, and the zipper line is formed on each of a left side and a right side of the front portion.

[0013] Also, the rear portion comprises a zipper and a zipper line formed along an outer edge of a boundary surface where the rear portion and the side surface of the pouch body meet, and the zipper is formed on one of the left side and the right side of the rear portion.

[0014] Also, the compression pouch further comprises a desiccant storage pocket formed on an inner surface of the rear portion, positioned toward the zipper line.

[0015] Also, the pouch body further comprises: a plurality of auxiliary hook portions formed facing each other in proximity to the zipper line formed on the side surface of the pouch body; and a first attachment member and a second

attachment member on the front portion and the rear portion, for coupling the front portion and the rear portion when the compression section is compressed.

[Effects of the Invention]

[0016] The present invention provides a compression pouch for storing outers capable of compressing and storing a plurality of outer garments, thereby dramatically reducing the volume of thick outer garments to efficiently use closet space.

[0017] Also, by protecting clothes stored in enclosed spaces from moisture and pests, damage to outer garments can be prevented and their lifespan can be extended.

[0018] Furthermore, outer garments that are bulky and difficult not only to store but also to move can be stored in a compressed state, making movement and management easy.

[Brief Description of Drawings]

[0019] FIG. 1 is an exemplary view showing storage of thick winter outer garments using a vacuum compression pack according to the prior art.

[0020] FIG. 2 is a view showing a compression pouch for storing outers according to an embodiment of the present invention.

[0021] FIG. 3 is a view showing a compression section according to an embodiment of the present invention.

[0022] FIG. 4 is a view showing a side surface of the compression pouch for storing outers according to an embodiment of the present invention.

[0023] FIG. 5 is a view showing a top surface of the compression pouch for storing outers according to an embodiment of the present invention.

[0024] FIG. 6 is a view showing zippers and zipper lines of each of the front portion and the rear portion according to an embodiment of the present invention.

[0025] FIG. 7 is a view showing the interior of the compression pouch for storing outers according to an embodiment of the present invention.

[Detailed Description of the Invention]

[0026] Hereinafter, embodiments of the present invention will be described in detail with reference to the accompanying drawings so that those skilled in the art to which the present invention pertains can easily practice the invention. However, the present invention may be implemented in various different forms and is not limited to the embodiments described herein. In addition, parts not related to the description are omitted in the drawings to clearly explain the present invention, and similar reference numerals are assigned to similar parts throughout the specification.

[0027] Throughout the specification, when a part is said to "comprise" a certain component, this means that other components may be further included rather than excluding other components unless specifically stated to the contrary, and it should be understood that this does not preclude the presence or addition of one

or more other features, numbers, steps, operations, components, parts, or combinations thereof.

[0028] The following embodiments are detailed descriptions to aid understanding of the present invention and do not limit the scope of rights of the present invention. Therefore, inventions of the same scope performing the same function as the present invention shall also fall within the scope of rights of the present invention.

[0029] The present invention relates to a compression pouch for storing outers capable of compressing and storing a plurality of outer garments, and the compression pouch for storing outers according to an embodiment of the present invention may be implemented as follows.

[0030] Referring to FIG. 2, the compression pouch according to an embodiment of the present invention may comprise a pouch body 100 having a storage space for storing a plurality of outer garments, a compression section 104 that compresses the storage space containing outer garments as a zipper formed on a side surface of the pouch body 100 is fastened, and a pair of protruding hook portions 101 respectively positioned at upper ends of a front portion 102 and a rear portion 103 of the pouch body 100 and formed in an upward direction of the pouch body 100.

[0031] Here, the pouch body 100 may have an overall rectangular shape with a predetermined thickness as shown in FIG. 2, with the upper end formed in a rounded shape having a specific curvature.

[0032] At this time, the pair of protruding hook portions 101 have a shape capable of being hung on and fixed to a hanging rod. The pair of protruding hook portions 101 may be implemented in various shapes that can be hung on and fixed to a hanging rod. However, in a representative embodiment, as shown, the bottom surface forms a straight line and the side and top surfaces form curves, with one side open to form a hook function. The protruding hook portions 101 may serve to facilitate hanging the clothes hanger of the outer garment stored inside on a hanging rod. Specifically, the upper center of the pouch body 100 forms an opening space through which the clothes hanger of the outer garment stored inside can protrude. And, by hanging the clothes hanger of the outer garment on the hanging rod after it protrudes, the outer garment can be fixed to the hanging rod. In this process, the pouch body 100 must remain fixed to the hanging rod. The protruding hook portions 101 perform this role and can maintain the pouch body 100 in a fixed state on the hanging rod even during the process of compressing the pouch body 100.

[0033] Also, the pouch body 100 according to an embodiment of the present invention may comprise a ventilation portion 105 formed with a predetermined width in a region of the front portion 102 and the rear portion 103 of the body.

[0034] Here, the ventilation portion 105 may be composed of a mesh material in a lattice form. The ventilation portion 105 is formed to allow air flow between external air and air inside the pouch body 100, so that even if outer garments are stored in the pouch body 100 for a long time, damage to the clothes due to enclosed air is minimized.

[0035] Also, the ventilation portion 105 may be formed on the upper side, offset upward by a predetermined length from the center of the pouch body 100, and formed in a rectangular shape surrounding the pouch body 100.

[0036] Meanwhile, referring to FIGS. 3 to 4, the compression section 104 according to an embodiment of the present invention is formed on the side surface between the front portion 102 and the rear portion 103 of the pouch body 100 as shown, and can compress or expand the storage space of the pouch body 100.

[0037] The zipper structure for such compression operation may be implemented in different ways according to various embodiments, but in this embodiment, the zipper structure may be composed of a compression zipper 110 and a compression zipper line 111. And, the compression zipper line 111 may be formed to surround the storage space along the outer edge of the pouch body 100. Accordingly, when the compression zipper 110 is fastened, the storage space of the pouch body 100 is compressed, and when the compression zipper 110 is released, the storage space of the pouch body 100 is expanded.

[0038] Also, the compression zipper line 111 and the compression zipper 110 may be configured to surround the entire side surface of the pouch body 100 at once. Alternatively, they may be configured on the left side surface and the right side surface, respectively, based on the pair of protruding hook portions 101.

[0039] Also, the locking direction of the zipper for compressing the pouch body 100 may be counterclockwise or clockwise. However, due to the principle of product storage, compression may occur as the zipper moves counterclockwise,

which is the opposite direction of the position of the protruding hook portions 101, and compression may be released as the zipper moves clockwise.

[0040] Meanwhile, the pair of protruding hook portions 101 of the present invention are arranged at positions overlapping each other when viewing the pouch body 100 from the front, so that when viewed from the front, the pair of protruding hook portions 101 may appear to overlap almost in the same shape.

[0041] To this end, the pair of protruding hook portions 101 of the present invention may be implemented such that one protruding hook portion 101 is connected to the front portion 102 and another protruding hook portion 101 is connected to the rear portion 103.

[0042] Meanwhile, the protruding hook portions 101 of the present invention may be coupled to the front portion 102 or the rear portion 103 of the compression pouch by a hook support portion 116.

[0043] The hook support portion 116 according to an embodiment of the present invention is formed at the center of the front portion 102 and the rear portion 103, specifically at the center above the ventilation portion 105. The hook support portion 116 may be formed in a strip shape having a predetermined length upward from the front portion 102 or the rear portion 103. The hook support portion 116 includes a first stitching portion stitched in an X-shape at the end close to the ventilation portion 105, and may also include a second stitching portion at a predetermined length below the other end. By firmly stitching up and down, it can be firmly fixed to the protruding hook portion.

[0044] Also, one end of the hook support portion 116 adjacent to the second stitching portion is configured as a coupling hook coupled with the protruding hook portion 101, so that the compression pouch for storing outers can be easily hung on a hanging rod.

[0045] Next, referring to FIG. 4, the pouch body 100 according to an embodiment of the present invention may comprise a plurality of auxiliary hook portions 107 formed facing each other in proximity to the zipper line formed on the side surface of the pouch body 100.

[0046] Such auxiliary hook portions 107 may be formed to overlap in a circular shape when the compression section 104 is compressed. The auxiliary hook portions 107 may be for holding the zipper to be fastened ahead with the other hand not holding the zipper to facilitate fastening when rotating and compressing the zipper of the compression pouch.

[0047] The auxiliary hook portions 107 according to an embodiment of the present invention may be formed on both sides of the front portion 102 and the rear portion 103 along the compression zipper line 111. One pair of auxiliary hook portions 107 may be formed above the ventilation portion 105, and two pairs may be formed below the ventilation portion 105. The auxiliary hook portions 107 may also be formed at the same positions on the opposite side, and each pair of auxiliary hook portions 107 may be formed to have the same spacing interval. However, this is only an example, and the positions and number of auxiliary hook portions 107 arranged may be configured in various ways.

[0048] Through this, the auxiliary hook portions 107 may be formed at positions easy to pull with the hand to pull the position to be compressed so that the zipper locks well when pulling the compression zipper 110.

[0049] Also, as shown in FIG. 5, the compression pouch for storing outers of the present invention may further comprise a plurality of first attachment members and second attachment members 108 on the upper surfaces of the front portion 102 and the rear portion 103, for firmly coupling the front portion 102 and the rear portion 103 when the compression section 104 is compressed.

[0050] The first attachment member and second attachment member 108 of the present invention may be implemented in various forms such as hooks, buttons, clips, zippers, etc., but in a representative embodiment, they may be composed of a pair of Velcro materials.

[0051] In this case, the first attachment member may be implemented as a rectangular Velcro. The first attachment member is formed on the upper surfaces of the front portion 102 and the rear portion 103, and may be formed on one side based on the open space on the upper surface. The second attachment member may be implemented in a strip shape with Velcro attachment material formed in one end region, and may be formed on the opposite side from where the first attachment member is formed based on the open space on the upper surface.

[0052] This is for sealing the open space through which the clothes hanger of the clothes stored in the storage space of the pouch body 100 can protrude. If this

open space is left open, it is not only unsightly but also clothes may protrude, and dust may enter, so it may be to seal this.

[0053] Through this, the compression pouch for storing outers of the present invention can prevent a plurality of outers stored in the storage space from extending out through the open space as the storage space is compressed by the compression section 104.

[0054] Additionally, the pouch body 100 of the present invention may further comprise a name tag 106 on the upper surface for storing memo paper.

[0055] The name tag 106 in the present invention is formed of a transparent material with one side open so that paper with a memo written on it can be inserted or removed through the open space. The name tag 106 may store memos written with information about the clothes stored in the compression pouch, for example, if a winter padded jumper is stored, "winter padded jumper," or if clothes sensitive to moisture are stored, "caution moisture-sensitive clothes," etc.

[0056] Meanwhile, referring to FIG. 6, the pouch body 100 of the present invention may comprise a front portion zipper 112, a front portion zipper line 113, a rear portion zipper 114, and a rear portion zipper line 115 formed along the outer edge of the boundary surface where the front portion 102 of the pouch body 100 meets the side surface, that is, along the outermost boundary portion on the left and right sides of the front of the body when viewing the pouch body 100 from the front.

[0057] At this time, as shown, the front portion zipper 112 and the front portion zipper line 113 may be symmetrically formed on the left and right sides of the front portion 102 based on the protruding hook portions 101, along the outer edge of the boundary surface where the front portion 102 meets the side surface. At this time, the directions for fastening and releasing the zippers may also be formed symmetrically. To facilitate hanging the clothes hanger of the outer garment on a hanging rod after storing the outer garment in the pouch body 100, the front portion zipper 112 and the front portion zipper line 113 serve to open the entire front portion of the pouch body 100.

[0058] Meanwhile, the rear portion zipper 114 and the rear portion zipper line 115 may be formed along the outer edge of the boundary surface where the rear portion 103 of the pouch body 100 meets the side surface, but may be formed on only one of the left and right sides of the rear portion 103.

[0059] Referring to FIG. 7, at this time, a desiccant storage pocket 109 may be formed on an inner surface of the rear portion 103, positioned toward the zipper line.

[0060] This structure shown in FIGS. 6 to 7 allows the user to easily store or replace desiccant without reaching deep into the storage space by opening the zipper formed on only one side of the rear portion 103 when replacing desiccant by putting it into or taking it out of the storage pocket after storing a plurality of outer garments. Also, in a situation where outer garments are compressed and stored in the pouch body 100, if the entire front or rear portion is opened, the compressed state may be released and the outer garments may become puffy.

However, if only one of both sides of the rear portion is configured with the rear portion zipper 114 and the rear portion zipper line 115 and only that part is opened, when trying to take out only one outer garment in a compressed situation, only that outer garment can be taken out while the compression of the remaining outer garments is maintained.

[0061] Through this, the present invention can minimize damage to clothes due to foreign substances or microorganisms on human hands by minimizing unnecessary physical contact after outer garments are stored and compressed in the storage space.

[0062] Hereinafter, the usage method of the present invention will be described.

[0063] The present invention is for compressing and storing a plurality of thick outer garments. To this end, first, with the compression section 104 released, the protruding hook portions 101 of the pouch body 100 can be hung on a horizontally arranged hanging rod (not shown). After releasing the front portion zipper 112 and the front portion zipper line 113 to open the front portion, winter outers such as padded jackets can be inserted into the pouch body 100 and hung on clothes hanger. At this time, the clothes hanger can be made to protrude through the open space on the upper surface of the pouch body 100, and the clothes hanger can be fixed by hanging it on a hanging rod. In this way, a plurality of outers can be inserted into the pouch body 100 and hung on the hanging rod.

[0064] Subsequently, after storing the clothes, compression is performed through the compression zipper 110 and the compression zipper line 111 of the compression section 104.

[0065] Through this method, the present invention can improve the problems of the prior art where vacuum compression packs were used for storage, but the vacuum compression packs were not easily recyclable, and the packaging pack itself had volume so that compression was not substantial.

[0066] The foregoing description of the present invention is for illustration purposes, and those skilled in the art to which the present invention pertains will understand that it can be easily modified into other specific forms without changing the technical spirit or essential features of the present invention. Therefore, it should be understood that the embodiments described above are illustrative in all respects and not limiting. For example, each component described as a single type may be implemented in a distributed manner, and similarly, components described as distributed may be implemented in a combined form.

[0067] The scope of the present invention is indicated by the following claims rather than the above detailed description, and all changes or modifications derived from the meaning and scope of the claims and equivalent concepts thereof should be construed as being included in the scope of the present invention.

[Description of Reference Numerals]

100: Pouch body

101: Protruding hook portion

102: Front portion
103: Rear portion
104: Compression section
105: Ventilation portion
106: Name tag
107: Auxiliary hook portion
108: First attachment member and second attachment member
109: Desiccant storage pocket
110: Compression zipper
111: Compression zipper line
112: Front portion zipper
113: Front portion zipper line
114: Rear portion zipper
115: Rear portion zipper line
116: Hook support portion

CLAIMS

[Claim 1]

A compression pouch for storing outers, comprising:

a pouch body having a storage space for storing at least one outer garment;

a compression section formed on a side surface of the pouch body, configured to compress the storage space as a zipper is fastened; and

a pair of protruding hook portions respectively positioned at upper ends of a front portion and a rear portion of the pouch body, formed in an upward direction of the pouch body,

wherein the pair of protruding hook portions have a shape capable of being hung on and fixed to a hanging rod.

[Claim 2]

The compression pouch for storing outers according to claim 1, wherein:

the pouch body comprises a ventilation portion formed with a predetermined width in a region of the front portion and the rear portion of the pouch body, and

the ventilation portion is composed of a mesh material in a lattice form, configured to allow air flow between external air and air inside the pouch body.

[Claim 3]

The compression pouch for storing outers according to claim 1, wherein:

among the pair of protruding hook portions, one protruding hook portion is connected to the front portion, and another protruding hook portion is connected to the rear portion, and

when the zipper of the compression section is fastened and the storage space of the pouch body is compressed, the respective protruding hook portions are formed to overlap in an identical shape.

[Claim 4]

The compression pouch for storing outers according to claim 1, wherein:

the front portion comprises a zipper and a zipper line formed along an outer edge of a boundary surface where the front portion and the side surface of the pouch body meet, and

the zipper line is formed on each of a left side and a right side of the front portion.

[Claim 5]

The compression pouch for storing outers according to claim 4, wherein:

the rear portion comprises a zipper and a zipper line formed along an outer edge of a boundary surface where the rear portion and the side surface of the pouch body meet, and

the zipper is formed on only one of the left side and the right side of the rear portion.

[Claim 6]

The compression pouch for storing outers according to claim 5, further comprising: a desiccant storage pocket formed on an inner surface of the rear portion, positioned toward the zipper line.

[Claim 7]

The compression pouch for storing outers according to claim 1, wherein the pouch body further comprises:

a plurality of auxiliary hook portions formed facing each other in proximity to the zipper line formed on the side surface of the pouch body; and

a first attachment member and a second attachment member on the front portion and the rear portion, for coupling the front portion and the rear portion when the compression section is compressed.