The purpose of the present invention is to provide a handle of a golf club. The handle includes an elastic cylinder sleeve sleeving the golf club through; a strip made from a shockproof material and having two long side peeled into a specific thickness and a top surface with a patent layer; and an adhesive layer disposed between the elastic cylinder and the strip for making the strip be spirally wound around the elastic cylinder.
GRIP TAPE FOR GOLF CLUB

BACKGROUND OF THE INVENTION

[0001] (a) Field of the Invention

[0002] The present invention is related to a grip tape and more particularly, to a grip tape for a golf club.

[0003] (b) Description of the Prior Art

[0004] Golf is one of popular ball games. For bringing skill into full play, there should be a good golf club for operating in coordination, besides playing skill. We know that sharp tools make good work. If we can select a good golf club to operate in coordination, we will be able to bring our skill into full play.

[0005] When we are playing golf, our hands will exude perspiration greatly due to the motion of body. The perspiration of user’s hand usually causes that the golf club can’t be held tightly and out of control. Furthermore, because of the perspiration of hand, the golf club could be thrown out and injure other people. On the other hand, the golf club without a good handle is harmful for a player over a long period of time. Therefore, it is necessary to design a handle being capable of protecting the hand of the player.

[0006] Usually, the golf club has several methods of protecting the handle. For example, a rubber injection molding is introduced to that. In particular, the elastic rubber is preferably made of ethylene-propylene-diene terpolymer (EPDM), which has features of ozone resistance, high weathering durability, heat-resistant, durable performance and electrical insulation. Besides, cotton yarn and Polyurethane (PU) wound strips are also introduced. Each method provides a handle with a specific sense of touch and features, and is used by a variety of players. Meanwhile the handle with cotton yarn for protecting is skid-proof and makes players feel comfortable while it is hold by the players. This kind of handles is suitable for use in Asia or moist areas. However, the material of this kind of handles is harmful for hands of the player. It will cause hands of players callus and hurt hands of players for long time.

[0007] Please refer to FIGS. 1(a), 1(b) and 1(c), illustrate a wound strip for a handle according to the prior art. A wound strip 2 is a long strip. The long strip 2 has two sides 12, 12′ peeled into a specific thickness and disposed below the bottom 11 thereof, and two ends 13 sharpened gradually. One of the ends 13 of the strip 2 is spirally wound from bottom end 21 thereby the strip 2 being completely wound around the handle 20, wherein the latter of the strip 2 closely overlaps on the former thereof. However the strip 2 is easy to come off. Because the strip 2 is wound by means of overlapping, the latter of the strip 2 and the former wound strip 2 should overlap on the overlapping place 15. Although two sides 12, 12′ have been peeled, the thickness of the overlapping place 15 is thinner than that of the former wound strip 2, and there should be an uneven surface. No matter how the strip is wound, the uneven surface, the overlapping place 15 will be extruded and come off while the players are holding and wielding the handle. Regardless of tightness of the wound strip, there should be a seam 16. Hence, the overlapping place is easy to be stirred up from the seam 16. The player holding the handle will feels uncomfortable and moreover the handle with the strip will be harmful for a long time. On the other hand, the perspiration will dip into the seam 16, and then the strip 2 will be unwound and peeled off. Thereby the use life of the strip is decreased and the player has to change another one.

[0008] Please refer to FIGS. 2(a), 2(b) and 2(c), illustrate another strip according to the prior art. A strip 30 has two long sides 32, 32′ peeled into half thickness. One side 32 of the strip 30 is pressured to form a narrow side 321 via a hot-pressing process, and another side 32′ is pressured to form a wide side 321′ via the hot-pressing process. Furthermore, the side 32 is cut a part to form two bevel edges 322 on two ends 34 of the strip 30. One of the ends 34 with bevel edge 322 of the strip 2 is aligned to the bottom edge 21 of the handle 20 and spirally wound from bottom edge 21 thereby the strip 30 being completely wound around the handle 20, wherein the latter of the strip 2 closely overlaps on the former thereof and the wide side 321′ is covered on the top of the strip 30. Meanwhile the wide side 321′ and the narrow side 321 are corresponding to each other and the later narrow side 321 is overlapped the former wide side 321. Accordingly, the strip 30 is completely wound around the handle until the strips is wound to the top of the handle 20 finally. Usually, the strip 30 is a multi-layer structure made from PU film, PU foam film, non-woven film or ethylene vinyl acetate (EVA) foam. In practice, two pretreatment of hot-pressing process should be executed for manufacturing the strip 30 of the above descriptions. Furthermore, the strip 30 is difficult to be wound around the handle because of the multi-layer structure thereof.

[0009] Therefore, it is tried to rectify those drawbacks and provide a grip tape for a golf club by the present applicant, wherein the grip tape is compact, shockproof, skid-proof and durable. This invention is a handle of a golf club for solving the above problems and providing a comfortable handle.

SUMMARY OF THE INVENTION

[0010] It is therefore a primary objective of the present invention to provide a handle for a golf club, wherein the handle is compact, shockproof, skid-proof and durable.

[0011] According to the present invention, the handle includes an elastic cylinder sleeve sleeving the golf club through; a strip made from a shockproof material and having two long sides and a top surface, wherein the two long sides peel into a specific thickness and the top surface is covered with a patient layer, and an adhesive layer disposed between the elastic cylinder sleeve and the strip for making the strip be spirally wound around the elastic cylinder sleeve.

[0012] Certainly, the strip can be a fine foamy layer made from styrene like and ethylene monomer via high-temperature and high-pressure vulcanization.

[0013] Certainly, the patent layer can be an UV-cut layer and capable of coloration for indicating.

[0014] Certainly, the patent layer can be made from an oil-based ink.

[0015] Certainly, the adhesive layer can be a double-sided tape.

[0016] Preferably, the handle has a weight ranged from 35 to 37 grams, and the elastic cylinder sleeve is 5 times weight of the strip and the adhesive layer.

[0017] Preferably, the patent layer further includes an aligned line for aligning, thereby the strip being adhered to the elastic cylinder sleeve.
[0018] It is therefore another objective of the present invention to provide a wound strip for a golf handle, wherein the wound strip is compact, shockproof, skid-proof and durable.

[0019] According to another preferred embodiment of the present invention, the wound strip is a long strip, wherein the long strip is made from a shockproof material and has two long sides peeled into a specific thickness and an aligned line disposed on a surface of the long strip for making the long strip be spirally wound around the golf handle.

[0020] Certainly, the long strip can be of unity.

[0021] Certainly, the shockproof material can be fine foam made from styrene like and ethylene monomer via high-temperature and high-pressure vulcanization.

[0022] Certainly, the long strip can be adhered and spirally wound around the golf handle via a double-sided tape.

[0023] Certainly, the aligned line can be made from an oil-based ink.

[0024] The foregoing and other features and advantages of the present invention will be more clearly understood through the following descriptions with reference to the drawings, wherein:

BRIEF DESCRIPTION OF THE DRAWING

[0025] FIGS. 1(a), 1(b) and 1(c) illustrate a wound strip for a golf handle according to the prior art;

[0026] FIGS. 2(a), 2(b) and 2(c) illustrate another wound strip for a golf handle according to the prior art; and

[0027] FIG. 3 illustrates a wound strip for a golf handle according to the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0028] The present invention discloses a handle for a golf club, and the objects and advantages of the present invention will become more readily apparent to those ordinarily skilled in the art after reviewing the following detailed description. The present invention needs not be limited to the following embodiment. The primary objective of the present invention is to provide a handle for a golf club, wherein the handle is compact, shockproof, skid-proof and durable.

[0029] Please refer to FIG. 3. It illustrates a wound strip for a golf handle according to the present invention. As shown in FIG. 3, he handle includes an elastic cylinder sleeve 42 sleeving the golf club 41 through; a strip 43 made from a shockproof material and having two long sides 431, 431' and a top surface, wherein the two long sides 431 peel into a specific thickness and the top surface is covered with a patent layer 432, and an adhesive layer 44 disposed between the elastic cylinder sleeve 42 and the strip 43 for making the strip 43 be spirally wound around the elastic cylinder sleeve 42.

[0030] When a user wants to wind the strip 43 around the elastic cylinder sleeve 42, the side 431 with a sharpened edge 434 should be aligned to the bottom edge 21 of the elastic cylinder sleeve 42, and then the strip 43 could be wound around the elastic cylinder sleeve 42. Meanwhile the latter of the strip 43 closely overlaps on the former thereof and the side 431' is covered on the top of the strip 43. The wide side 431 and the narrow side 431 are corresponding to each other and the later side 431 is overlapped and adhered on the former side 431' via the adhesive layer 44. Accordingly, the strip 43 is completely wound around the elastic cylinder sleeve 42 until the strip 43 is wound to the top of the elastic cylinder sleeve 42 finally.

[0031] In practice, the strip can be a fine foamy layer made from styrene like and ethylene monomer via high-temperature and high-pressure vulcanization, wherein the foamy layer is of unity and one-layer structure, unlike the multi-layer PU structure of the prior art. The strip of the present invention is of one-layer structure, which is compact and made from a shockproof material. Hence, it is easy for the strip of the present invention to be adhered on the elastic cylinder sleeve. Because of the specific shockproof material, the surface of the strip can be painted a color. An oil-base ink can be introduced to form the patent layer 432 with several colors on the surface of the strip 43. The oil-base ink, unlike the water-base ink, is able to extend according to the extension of the shockproof material. As shown in FIG. 3, the patent layer 432 is directly coating on the surface of the strip 43. Certainly, an UV-cut material can be added into the patent layer 432 for providing the effect of UV-cut. The patent layer 432 can be painted into any color for indicating. In FIG. 3, the strip 43 further includes an aligned line 433 for aligning, thereby the strip 43 being adhered to the elastic cylinder sleeve 42 via the adhesive layer 44, which is a double-sided tape. The present invention provides a handle for a lighter golf club. Recently, the golf club tends to be manufactured by a light metal, just like titanium (Ti). For operating in coordination with the lighter golf club, a lighter handle should be provided. The handle of the present invention has a weight ranging from 35 to 37 grams, wherein the elastic cylinder sleeve 42 is 5 times weight of the strip 43 and the adhesive 44 layer. The elastic cylinder sleeve 42 weighs about 30 grams, and the surface structure weights about 6 grams. Compared with the prior handle, more than 40 grams, the handle of the present invention tends to be light.

[0032] It is therefore another objective of the present invention to provide a wound strip for a golf handle wherein the wound strip is compact, shockproof, skid-proof and durable. As shown in FIG. 3, the wound strip 43 is a long strip wherein the long strip 43 is made from a shockproof material and has two long sides 431, 431' peeled into a specific thickness and an aligned line 433 disposed on a surface 432 of the long strip 43 for making the long strip 43 be spirally wound around the golf handle 41. The long strip 43 is of unity and the shockproof material is the fine foam made from styrene like and ethylene monomer via high-temperature and high-pressure vulcanization. Certainly, the long strip 43 can be adhered and spirally wound around the golf handle 41 via a double-sided tape 44. The aligned line 433 is formed by the oil-base ink and varnished. Because the oil-base ink is introduced to form the aligned line 433 with several colors, the aligned line 433 can be colorful and provides the effect of UV-cut and good extension. Besides, the oil-base ink provides a touch and a surface good to be skid-proof, and can be added several patents by means of halftone.
0033] Certainly, the strip 43 of the present invention can be treated according to any process of the prior art. For example, plural vertical air channels or a specific patent can be established on the strips 43 for increasing the friction.

0034] Accordingly, the invention is a handle for a golf club, wherein the handle is compact, shockproof, skid-proof and durable. The present applicant tries to rectify those drawbacks of the prior art. The present invention involves a one-layer strip made from a shockproof material for improving the structure of the golf handle. Therefore, the strip of the present invention is compact and easy to be fabricated. Furthermore, the one-layer and shockproof structure of the present invention can be painted via the oil-base ink to increase the strength and provides the effect of UV-cut. However, the prior art cannot be applied as the present invention does. It is believed that the present invention is practical for the industry.

0035] While the invention has been described in terms of what are presently considered to be the most practical and preferred embodiments, it is to be understood that the invention need not to be limited to the disclosed embodiment. On the contrary, it is intended to cover various modifications and similar arrangements included within the spirit and scope of the appended claims, which are to be accorded with the broadest interpretation so as to encompass all such modifications and similar structures.

What is claimed is:

1. A handle for a golf club, comprises:
   an elastic cylinder sleeve sleeving said golf club through;
   a strip made from a shockproof material and having two long sides and a top surface, wherein said two long sides peel into a specific thickness and said top surface is covered with a patent layer; and
   an adhesive layer disposed between said elastic cylinder and said strip for making said strip be spirally wound around said elastic cylinder.

2. The handle according to claim 1, wherein said strip is a fine foamy layer made from styrene like and ethylene monomer via high-temperature and high-pressure vulcanization.

3. The handle according to claim 1, wherein said patent layer is an UV-cut layer and capable of coloration for indicating.

4. The handle according to claim 1, wherein said patent layer is made from an oil-based ink.

5. The handle according to claim 1, wherein said adhesive layer is a double-sided tape.

6. The handle according to claim 1, wherein said handle has a weight ranged from 35 to 37 grams, and said elastic cylinder sleeve is 5 times weight of said strip and said adhesive layer.

7. The handle according to claim 1, wherein said patent layer further comprises an aligned line for aligning, thereby said strip being adhered to said elastic cylinder sleeve.

8. A wound strip for a golf handle, which is a long strip, characterized in that said long strip is made from a shockproof material and has two long sides peeled into a specific thickness and an aligned line disposed on a surface of said long strip for making said long strip be spirally wound around said golf handle.

9. The wound strip according to claim 8, wherein said long strip is of unity.

10. The wound strip according to claim 8, wherein said shockproof material is fine foam made from styrene like and ethylene monomer via high-temperature and high-pressure vulcanization.

11. The wound strip according to claim 8, wherein said long strip is adhered and spirally wound around said golf handle via a double-sided tape.

12. The wound strip according to claim 8, wherein said aligned line is made from an oil-based ink.

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