

CLAIMS

What is claimed is:

1. A safety helmet liner 1, comprising
a base fabric 2, a center of which is folded inward with an inner
5 folded section 21, with that two corresponding edges are folded
outward with an outer folded section 22 respectively, a front end of
the base fabric 2 is formed with a front end portion 23, and a rear
end of the base fabric 2 is formed with a rear end portion 24;
two hot melt yarns 3, which are disposed on the front end portion 23
10 and the rear end portion 24 of the base fabric 2 respectively, and are
used to fix the edges of inner folded section 21 as well as the edges
of outer folded sections 22; and
two flexible pressing strips 4, which are disposed between the base
fabric 2 and the outer folded sections 22;
15 wherein the outer folded sections 22 corresponding to two edges of
the base fabric 2 are expanded outward, enabling the inner folded
section 21 to be expanded simultaneously, which results in a
three-dimensional space allowing a user to wear the safety helmet
liner 1 on his or her head through the three-dimensional space,
20 thereby achieving the object of hygiene.

2. The safety helmet liner 1 according to claim 1, wherein the outer folded sections 22 of the base fabric 2 are provided with plural hot melt yarns 221 which are used to fix the flexible pressing strips 4 and also fix the outer folded sections 22 on the base fabric 2 simultaneously.
3. The safety helmet liner 1 according to claim 1, wherein the length of outer folded sections 22 of the base fabric 2 is larger than the length of inner folded section 21.
4. The safety helmet liner 1 according to claim 1, wherein the outer folded sections 22 of the base fabric 2 are expanded outward, and the inner folded section 21 is expanded simultaneously, forming a folded portion 211 on the front end portion 23 and rear end portion 24 of the base fabric 2.
5. The safety helmet liner 1 according to claim 1, wherein the front end portion 23 of base fabric 2 is a curved edge or an oblique edge.
6. The safety helmet liner 1 according to claim 1, wherein the rear end portion 24 of base fabric 2 is a curved edge or an oblique edge.