

ABSTRACT

Name of Invent Patent: **A kind of cool gel mat for ventilate and heat dissipation**

Summary: A kind of cool gel mat for ventilate and heat dissipation, it contains the layer of cooling and the layer of ventilate, the surface and back of the layer of cooling all fabric composite material which tie pvc or other plastic on the fabric, the middle is soft cooling gel, in the middle of the layer of cooling has grooves and holes, the edge and of the grooves and holes must sealed via high frequency welding. The layer of ventilate is made by mesh fabric or Nylon fabric, must sewing the layer of cooling and the layer of ventilate, then the hole of the layer of cooling can communicate with the layer of ventilate, which can make the heat send out when the cool gel mat absorb the body temperature, it can improve the time of lasting cooling, very fit for the mattress, pillow, car seat cushion, medical protective pad, mouse pad, computer pad and other physical cooling therapy products etc.

Figure 1