

Factory Outlet Steam Eye Mask with Customized Package



Heating duration time: 25min Average temperature: 43? Application: during short breaks, on business trips, before going to bed Package: Custom package Storage: airtight, shading, and keep in a cool place

Rating: Not Rated Yet
Price

[Contact Supplier](#)

Manufacturer[Qingdao HuaNuo Maxwarm Commodity Co., Ltd](#)

Description

The steam eye mask adopts advanced self-heating temperature control technology, which allows the moisture in the air and iron powder to chemically react inside the eye mask to form a heating element, generating subtle and warm water vapor that cannot be seen by the naked eye. It is a generic name product developed according to the needs of the eye care market. It is named because it can spontaneously generate heat and generate steam.



The reaction principle of the steam eye mask is the reaction principle of rapid oxidation after the carbonyl iron powder contacts with oxygen in the air. In order to make the temperature last longer and more constant temperature, the product uses a very precise breathable membrane. Because the product cannot react before use, the material of the bag must be very special. When in use, remove the outer bag and expose the product to the air for 30 seconds. The oxygen in the air enters the inside through the micro-permeable membrane. The time and temperature of the released heat are controlled by the oxygen permeation rate of the gas-permeable membrane. If the oxygen permeation is too fast, there will be too much heat, which is very likely to burn the skin. If the oxygen permeability is too slow, the temperature is too low. After use, it is a dark brown solid, which contains carbon powder, solid (this is edible salt), solid, and salts containing magnesium and aluminum.



(1) The external reaction principle of the steam eye mask

The steam is released evenly through the advanced medical non-woven fabric, and the warmth of the steam is used to promote the blood

microcirculation of the eyes, relax the tense eye muscles, and relieve eye fatigue and discomfort.

(2) The internal reaction principle of the steam eye mask

Use the galvanic cell reaction to accelerate the oxidation reaction speed, convert chemical energy into heat energy, and then use the generated heat to stably evaporate the water in the internal materials, so as to achieve the use of steam heat and humidity to relieve eye fatigue and promote eyes. The effect of blood circulation, bright eyes and refreshing mind.

In order to make the temperature sustainable, and the inner bag of the made heating sheet is exposed to the air, the oxygen in the air enters the inside through the breathable membrane, reacts with the iron powder, and releases heat. The time and temperature of heat release are controlled by the oxygen permeability rate of the breathable membrane. If the oxygen permeation is too fast, too much heat is released, which may burn the skin. If the oxygen permeation is too slow, there will be no temperature.

The process of generating steam is the heat release of internal materials, which greatly accelerates the evaporation rate of internal water content, and the evaporated water vapor quickly liquefies when cold, forming steam.

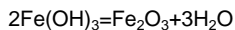
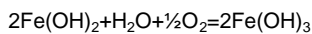
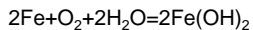


(3) Reaction equation

Negative electrode: $2\text{Fe}-4\text{e}^{-}=2\text{Fe}^{2+}$

Positive electrode: $\text{O}_2+2\text{H}_2\text{O}+4\text{e}^{-}=4\text{OH}^{-}$

Total reaction:



Among them, carbon powder and the like are reactive electron transport materials, and also have a certain effect on the mixing of various materials and the adjustment of heat transfer. The substance of salt is similar to that of toner.



Steam eye masks originated in Japan. Later, Chinese companies developed a series of related technologies and passed EU standards. Steam eye masks can achieve various effects such as relieving eye fatigue, caring for eye skin, protecting eyesight, and helping sleep through warm steam.



Application:

1. Those who overuse their eyes, and those who have eye discomfort caused by overuse, such as dry eyes, eye fatigue and other symptoms;
2. Patients with long-term insomnia;
3. Suitable for computer family, TV family and student family;

Benefits:

Promote blood circulation in the eyes, relieve eye fatigue, relax the eye skin, help sleep, and protect eyesight;
Replenish moisture, reduce water loss, reduce eye wrinkles, dark circles, and eye bags, and delay eye aging;
Use for other people with eye fatigue and eye problems;

Maxwarm is one of the leading steam eye mask manufacturers in the industry. Factory outlet, quality assurance, steady delivery and factory price.

