

Technical Data Sheet

Product Name	H801 Plus Cup Shape Mask	 Head-strap (white)
Main Functions	Filter the Particles	

1. Product Description:

H801Plus cup type mask is a particulate respirator which complies with NIOSH 42CFR-84, N95 standards, offers high protection level, low breathing resistance, good breathability, comfort and applicability, and provides users with a safe and comfortable particulate protection solution.

2. Applications:

This product has a wide range of applications for particles protection in industries of construction, mining, textile, manufacturing, wood processing, pharmacy, electronics and automotive manufacturing etc.

3. Material Compositions:

Part Name	Material	Advantages
Outer layer	Polypropylene	Initially filter and block major particles.
Filter layer	Polypropylene	Absorb medium-sized particles and block fine particles.
Inner layer	Polypropylene	Cling to the skin and make you feel more comfortable.
Nose pad	Polyester polyurethane	Good fitness, so as to reduce leakage risk; Reduced tension on nose bridge and more comfortable to wear.
Headband	Polyester + spandex + polypropylene (excluding emulsion)	Feel of cotton and more comfortable to wear no easy to cause skin irritation
Nose clip	Aluminum (Extended)	Bending resistant; safer

4. Features:

1.Prevent non-oily particles and the filtering efficiency exceeds 95%;

2. Large breathing area to effectively improve the breathing resistance;

3. Large breathing chamber to accelerate gas flow and effectively reduce the dead space;

4. Arc-shaped stiffeners prevent extrusion and deformation to improve the stability and safety when wearing;

5. Aluminum thickened nose clip, easy to shape and bend resistant

6.The sealing material is used for the nose pad, characterized by high fitness, softness and comfort; it can relieve the pressure on the nose bridge and make you feel more comfortable;

7.The elastic woven belt stands wear and tear and relieve the pressure on the head; and it is suitable for long hours of use;

5. Directions:

1. In case of failure to follow the instructions and/or improper use under polluted conditions, the effect will be severely affected, and this may lead to illness, injury and even death;
2. The wearer should receive the training in operations beforehand and follow the relevant standards of safety and health;
3. It is suggested that the wearer should run a test of fitness before operation. For this purpose, it's best to comply with domestic regulations or standards or follow the OSHA 29 CFR 1910.134;
4. Discard or change the mask in the following circumstances:
 - Build-up of dust particles causing difficulty in breathing;
 - The mask is damaged;
 - The mask is so dirty or unsafe that it is not suitable for use any longer.
5. Please keep away from the polluted area if you feel giddy or feel the pungent smell.

6. Warning:

1. Do not enter a polluted place if you are not satisfied with the mask's fitness. Please consult the relevant staff;
2. Certain pollutants can be filtered by the mask, but it cannot completely eliminate the risk of disease or infection. Improper use of the mask may lead to illnesses or even death. The materials which come into direct contact with the skin may cause allergies at some points.

7. Usage Restrictions:

1. In one of the following circumstances, please do NOT wear the mask and enter or stay in the polluted area:
 - The oxygen volume concentration in the environment is less than 19.5%;
 - The environment contains oil particles;
 - Gases or steam;
 - The concentration of pollutant is unknown or has reached the IDLH level;
 - The concentration or content of the pollutant has exceeded the limit set by the government or is more than 10 times the tolerable concentration;
 - Sandblasting or spraying operation and work involving asbestos.
2. Do not modify or abuse the mask;
3. In case your mustache/beard or facial hair affects direct contact between your face and edge of the mask, or the tightness, please do NOT wear the mask.

8. Usage Scope and Storage:

1. Suitable for use by adults;
2. The mask cannot be washed;
3. It should be stored in a ventilated, dark and dry place, and keep away from any source of fire and pollutants;
4. The storage temperature shall range between -20 °C (-4°F) and 38°C (100.4°F), with the Maximum relative humidity < 80%;
5. Best before: maximum 3 years after produced;
6. For the production date, please refer to the package.

9. How to Wear:

Please follow the steps listed below **when it comes to headbands:**

1. Cup the respirator in the hand, allowing the head straps to hang freely.
2. Hold the respirator under the chin with the nosepiece facing outwards.
3. Place the lower head strap around the neck below the ears
- 4/5. Holding the respirator against the face with one hand, place the top head strap above the ears, around the crown of the head
6. Mold the nose area to the shape of the face, running the fingertips of both hands from the top of nosepiece down both sides while pressing inward. Always use both hands.



Fit-Check the Face-Seal as Follows:

1. Place both hands over the respirator without disturbing its position.
2. Inhale sharply and hold your breath for a few seconds, a negative pressure should be felt inside the respirator;
3. Exhale sharply and hold your breath for a few seconds, a positive pressure should be felt inside the respirator;
4. If you detect air-leaks, re-adjust the head straps and/or the nosepiece.

10. Order Information:

SKU	Product name	Packing	Order Unit
DC100H801N95	H801 Plus cup shape mask, white, head-strap	20 pcs/box, 8 boxes / case	case

11. Product Certification:

H801 Plus cup type mask meets NIOSH 42CFR-84, N95 standards.

12. Version Information:

Version	Rev 1.0	Date of issue	2021.02.28
Revision	Order Information		