


Technical Data Sheet

Product Name	H910 Plus (N95) Particulate Respirator	 <p style="text-align: center;">White (Head Strap)</p>
Main Functions	Non-Oil Particulate filtration	

1. Product Description:

H910 Plus industrial particulate respirator is NIOSH-approved respirator, it is designed to help protect workers against certain non-oil particles. It features N95 level, larger size, soft nose foam, and Advanced anti-counterfeit filter media to help ensure good air permeability, comfort and secure seal. It provides users with a good solution for safe and comfortable particles protection.

2. Applications:

This product can be used for non-oil particles protection in industries widely, such as construction, mining, textile, manufacturing, wood processing, pharmacy, electronics and automotive manufacturing.

3. Material Compositions:

Part name	Material	Advantages
Outer layer	Polypropylene Nonwoven	Initially filter and block major particles.
Filter layer 1	Polypropylene Nonwoven	Absorb Large-sized particles and block fine particles.
Filter layer 2	Polypropylene Nonwoven (Anti-counterfeit layer)	Absorb medium-sized particles and block fine particles.
Inner layer	Polypropylene Nonwoven	Fit the skin and make you feel more comfortable.
Nose pad	Polyurethane Foam	Have a high degree of fitness, mitigate the risk of leakage, reduce the pressure on the nose bridge and thus make you more comfortable.
Head/ ear band	Polyester (latex-free)	Feels like cotton Less likely to cause skin allergy, safer than rubber band.
Nose clip	Polypropylene/steel composite (Built-in type)	Bending resistance capacity is 1.5 times of the one of general aluminum clip to ensure more safety Without metal exposure, more safety

4. Features:

1. Prevent non-oil particles and the filtering efficiency exceeds 95%;
2. Honeywell's professional Anti-counterfeiting filter material to guarantee good quality;
3. The built-in nose clip resists bending, is apt to shape and have a better fitness and safety without metal exposure;
4. The nose clip is made of high-strength plastic composite metal, and its bending resistance capacity is enhanced significantly compared with the metal nose clip;
5. The advanced 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;
6. The elastic headband can help to relieve the pressure from the head; and it is suitable for long hours of use;
7. The big size offers much breathing space inside, more comfort.

5. Use Instructions:

Failure to follow all instructions and limitations concerning the use of the respirator and/or failure to wear the respirator for the whole duration of exposure to contaminants can seriously reduce the performance characteristics of the respirator and lead to illness, injury or death.

2. Before Occupational Use of this respirator, a written respiratory protection program must be implemented meeting all the local government requirements. In United States, employers must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training, and fit testing.
3. Discard the respirator and replace with a new one if:
 - excessive clogging of the respirator causes breathing difficulty.
 - the respirator becomes damaged.

*Filtering facepiece respirators are to be inspected prior to each use to assure there are no holes in the breathing zone, especially around weld attachment of headbands and no damage has occurred.
4. Visually inspect the filtering facepiece prior to each use to assure that there are no holes in the breathing zone, especially around the weld attachment of the headbands to insure no damage has occurred. Discard respirator if any visual signs of holes or damage.
5. Leave the contaminated area if dizziness, irritation or other distress occurs.

6. Warning:

This respirator helps protect against certain contaminants. It may not eliminate the risk of contracting disease or infection. **Misuse may result in sickness or death.**

Materials which may come into contact with the wearer's skin could cause allergic reactions to susceptible individuals.

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7. Use Limitations:

1. Do **NOT** use the respirator or enter or stay in a contaminated area under the following circumstances:
 - *atmosphere contains less than 19.5% oxygen*
 - *atmosphere contains oil aerosols*
 - *for protection against gases or vapors*
 - *contaminants or their concentrations are unknown or immediately dangerous to life or health*
 - *concentrations or contaminants exceed maximum use concentrations in applicable OSHA standards or applicable government regulations or 10 times the PEL (Permissible Exposure Limit), whichever is lower*
 - *for sandblasting, paint-spray operations, asbestos*
2. Do **NOT** modify or misuse the respirator.
3. Do **NOT** use the respirator with beards or other facial hair that interferes with direct contact between the face and the edge of the respirator, or any other conditions that may prevent a good face-seal.

8. Storage:

The temperature: between minus 20 und 38 Celsius (-20°C -- 38°C).

The humidity: less than 80%

Best before: maximal 3 years after produced

9. Fitting Instructions:

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

Follow these instructions each time respirator is worn.

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. Place the lower head strap around the neck below the ears.
3. Holding the respirator against the face with one hand, place the top head strap above the ears, around the crown of the head.
4. Place hands on each side of the respirator and move slightly right, left, up and down, to adjust the position of the respirator and achieve the most optimal fit on the face.

**FIT-CHECK THE FACE-SEAL AS FOLLOWS:**

1. Place both hands over the respirator - do not disturb the position of the respirator;
2. Inhale sharply (a negative pressure should be felt inside the respirator);
3. If you detect air-leaks, readjust the head straps and/or the nose-piece.

WARNING: If you cannot achieve satisfactory fit, do NOT enter the contaminated area. See your Supervisor.



11. Product Certification:

H910 Plus industrial flat-fold dust mask meet with the NIOSH 42 CFR 84, have achieved the N95 standards and passed the relative certification. (TC-84A-8480)

12. Version Information:

Version	1st version	Date of issue	2016.3.25
Revision	Nil		

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