

N100 Particulate Respirator User's Instruction

Rev.1.0
U800101



Parcil Safety
Address: 318 Main Street, Suite 101 Evansville,
IN 47708 USA
Tel: 855-715-1400



! WARNING

This respirator helps protect against certain particles. Misuse may result in sickness or death. For proper use, see supervisor, or User Instructions.

IMPORTANT

Before use, wearer must read and understand these User Instructions for reference.

Use For

Solids particulate such as those from processing minerals, coal, iron ore, cotton, flour, and certain other substances. Liquid or non-oil based particles from sprays that do not also emit vapors. Metal fumes produced from welding, brazing, cutting and other operations involving heating of metals. Radioactive particulate materials such as uranium and plutonium.

Do Not Use For

Gas and vapor, oily aerosol or sandblasting operations, concentration exceeds 10 times the permissible exposure limit (PEL) or the concentration prescribed by applicable government regulations, whichever is lower. The respirator does not supply oxygen.

Biological Particles

This respirator can help reduce inhalation exposures to certain airborne biological particles (e.g. Mycobacterium tuberculosis, etc.) but cannot eliminate the risk of contracting infection, illness or disease. OSHA and other government agencies have not established safe exposure limits for these contaminants.

Use Instructions

1. Failure to follow all instructions and limitations on the use of this respirator and/ or failure to wear this respirator during all times of exposure can reduce respirator effectiveness and may result in sickness or death.
2. Before occupational use of this respirator, a written respiratory protection program must be implemented meeting all the local government requirements. In the United States, employers must comply with OSHA 29 CFR 1910.134 which includes medical evaluation, training, and fit testing.
3. The particles which can be dangerous to your health include those so small that you cannot see them.
4. Leave the contaminated area immediately and contact supervisor if dizziness, irritation, or other distress occurs.
5. Store the respirator away from contaminated areas when not on use.
6. Check the respirator before each use to make sure it is in good working condition. Check all the components of the respirator, comprising two Straps, four Plugs, Nose clip, Gasket, and the respirator body material, to see if there are signs of damage. Once damaged or missing components, the respirator should be immediately discarded.
7. Dispose of used product in accordance with applicable regulations.

Use Limitations

1. This respirator does not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen.
2. Do not use when concentrations of contaminants are immediately dangerous to life and health, are unknown or when concentration exceeds 10 times the permissible exposure limit (PEL) with half mask respirators whichever is lower.
3. Do not alter, clean (e.g. vacuum, wash, use compressed air), abuse or misuse this respirator.
4. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the sealing surface of the respirator.
5. Respirator may help protect your lungs against certain airborne contaminants. However, they will not prevent entry through other routes such as the skin, which would require additional personal protective equipment (PPE).
6. This respirator is designed for occupational/professional use by adults who are properly trained in their use and limitations. Respirators are not designed to be used by children.
7. Individuals with a compromised respiratory system, such as asthma or emphysema, should consult a medical evaluation prior to use.
8. If respirator become damaged, soiled, or breathing become difficult, leave the contaminated area and replace the respirator.

NIOSH Approved: N100

At least 99.97% filtration efficiency against particulate aerosols free of oils.

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This respirator is approved only in the following configuration:

TC-	Protection ¹	Respirator	Cautions and Limitations ²
		DR0104	
84A-9243	N100	X	ABCJLMNOPS

1. Protection

N100-Particulate Filter(99.97% filter efficiency level)
Effective against particulate aerosols free of oil;
time use restrictions may apply.

2. Cautions and Limitations

- A - Not for use in atmospheres containing less than 19.5 percent oxygen.
- B - Not for use in atmospheres immediately dangerous to life or health.
- C - Do not exceed maximum use concentrations established by regulatory standards.
- J - Failure to properly use and maintain this product could result in injury or death.
- L - Follow the manufacturer's User's Instructions for changing cartridges, canister and/ or filters.
- M - All approved respirators shall be selected, fitted, used, and maintained in accordance with MSHA, OSHA and other applicable regulations.
- N - Never substitute, modify, add, or omit parts. Use only exact replacement parts in the configuration as specified by the manufacturer.
- O - Refer to User's Instructions, and/or maintenance manuals for information on use and maintenance of these respirators.
- P - NIOSH does not evaluate respirators for use as surgical masks.
- S - Special or critical User Instructions and/or specific use limitations apply. Refer to User Instructions before donning.

Fitting Instructions

- Must be followed each time respirator is worn.
1. Thread the top elastic strap through the top buckle. Repeat for the bottom elastic strap. Keep the strap straight (not curled).
 2. Place the bottom elastic strap around the head, just below the ears. Untwist the strap. Keep the strap straight (not curled).
 3. Pull the top strap over your hand, resting it above the ears the top back of your head (Fig 1). Untwist the strap. Keep the strap straight (not curled).
 4. Adjust the strap tension by pulling the straps as shown (Fig 2). By pushing the movable part of the buckle from behind, strap tension can be adjusted without removing respirator form the head (Fig 3).
 5. Place your fingertips from both hands at the top of the metal nosepiece. Using two hands mold the nose area to the shape of your nose by pushing inward while moving your fingertips down both sides of the nosepieces (Fig 4). ! Pinching the nosepiece using one hand may result in improper fit and less effective respirator performance. Use two hands.
 6. Perform a User Seal Check prior to each wearing. To check the respirator-to-face seal, place both hands completely over the respirator and inhale sharply. Be careful not to disturb the position of the respirator of the respirator. A negative pressure should be felt inside the respirator. If any leakage is detected, readjust the position of the respirator according to Steps #3 and #4. If you CANNOT achieve a proper fit, DO NOT enter the contaminated area. See your supervisor.

Storage conditions and expiration date

Before use, store this product in its original packaging. The respirator should be stored away from dust, sunlight, extreme temperature, excessive moisture and chemicals. When the storage temperature is -20°C to +30°C and the relative humidity is less than 80%, the Storage life of this product is five years from the date of production.

This product contains no components made from natural rubber latex.

S - special or Critical User's Instructions: The part number DR0104 facepiece has been manufactured by Approval Holder Shenyang Baianda Safety Co., Ltd. for private label Company Parcil Safety under TC-84A-9243.

