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> AccuMed BNX N95 Respirator Mask H95B User Manual

AccuMed H95B

AccuMed BNX N95 Respirator Mask H95B User Manual

Model: H95B | Approval Number: TC-84A-9315

1. INTRODUCTION

This manual provides essential instructions for the proper use, fitting, and maintenance of your AccuMed BNX N95 Respirator Mask, Model H95B. This N95 particulate respirator is designed to filter at least 95% of airborne non-oil based particles and is approved by NIOSH under approval number TC-84A-9315. Adherence to these instructions is crucial for ensuring the mask's effectiveness and your safety.



Image: AccuMed BNX N95 Respirator Mask H95B, Headband Style, 10-Pack.

2. SAFETY INFORMATION, CAUTIONS, AND LIMITATIONS

Read and understand all safety information before using this respirator. Failure to follow these instructions may result in injury or death.

Protection

The N95 particulate filter provides at least 95% filter efficiency against non-oil based particulates. It is not intended for use against gases or vapors.

Cautions and Limitations

- **A:** Not for use in atmospheres containing less than 19.5% 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.
- **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 instructions and/or maintenance manuals for information on the use and maintenance of this respirator.
- **P:** NIOSH does not evaluate respirators for use as surgical respirators.

User Instructions

1. Please read the instructions provided in this manual carefully. Any deviation from the instructions provided may greatly reduce or eliminate the overall effectiveness of the respirator which may result in sickness or death.
2. Before occupational use of this respirator, a written respiratory protection program must be implemented, complying with all the requirements of your country. In the United States, employers must comply with OSHA 29 CFR 1910.134, which includes medical evaluation, training, and fit testing.
3. Leave the contaminated area immediately if you experience any discomfort, dizziness, or other symptoms.
4. When not in use, store the respirator away from contaminated areas.
5. Discard used respirators after one use. Disposal of the respirator must be done in accordance with applicable regulations.
6. Do NOT attempt to modify or use the respirator in ways other than intended.
7. Do NOT use the respirator with beards or facial hair as it may prevent a good facial seal.
8. If the respirator becomes damaged, replace with a new one. Excessive clogging of the respirator causes breathing difficulty. The respirator becomes damaged.
9. Do NOT use the respirator to enter or stay in a contaminated area under the following circumstances:
 - Atmospheres containing aerosols
 - For protection against gases or vapors.
 - Contaminant concentrations are unknown or immediately dangerous to life or health.
 - For sandblasting, paint-spray operations, asbestos.



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THESE RESPIRATORS ARE APPROVED ONLY IN THE FOLLOWING CONFIGURATIONS:

TC	Protection ¹	Respirator		Cautions and Limitations ²
		H95W	H95B	
84A-9315	N95	X	X	ABCJMNOP

1. PROTECTION

N95 - Particulate Filter (95% 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% 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.

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 Instructions and/or maintenance manuals for information on use and maintenance of these respirators.

P NIOSH does not evaluate respirators for use as surgical respirators.

USER INSTRUCTIONS:

1. Please read the instructions provided in this manual carefully. Any deviation from the instructions during times of exposure can reduce the overall effectiveness of the respirator which 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. Leave the contaminated area immediately if you experience any sign of dizziness, irritation, or other issues.

4. When not in use, store the respirator away from contaminated areas.

5. Discard used respirators after one use. Disposal of the respirator must be in accordance with all applicable regulations.

6. Do **NOT** attempt to modify or use the respirator in ways other than instructed.

7. Do **NOT** use the respirator with beards or facial hair as it may prevent a good facial seal.

8. Discard the respirator and replace with a new one if:
· Excessive clogging of the respirator causes breathing difficulty.
· The respirator becomes damaged.

9. Do **NOT** use the respirator or enter or stay in a contaminated area under the following circumstances:

- Atmosphere contains oil aerosols.
- For protection against gases or vapors.
- Contaminants or their concentrations are unknown or immediately dangerous to life or health.
- For sandblasting, paint-spray operations, asbestos.

STORAGE INSTRUCTIONS

End of Shelf Life Use the respirators before the "use by" date specified.

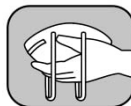
Storage Temperature Range -4°F to 86°F [-20°C to 30°C].

Storage Maximum Relative Humidity <80% RH

FITTING INSTRUCTIONS:

H95

Vertical Folding Headband Style



STEP 1

Unfold the respirator and allow the headbands to hang outward on both sides.



STEP 2

Position the respirator on your face with the adjustable metal nosepiece facing up.



STEP 3

Pull the headbands over your head. Place the bottom band below the ears and the top band on the crown of your head.



STEP 4

Using both hands, press down on the metal nosepiece to form a tight-fitting seal around your nose.



STEP 5

Test the seal by cupping both hands over the protective respirator. Then, begin to inhale and exhale sharply. If air leaks around the respirator's edges, adjust the straps and reposition the nose piece until a proper seal is formed.

PERFORMING A SEAL CHECK:

It is necessary to perform a seal check on the respirator every time you wear it.

Cup both hands around the respirator and inhale and exhale forcefully several times. If you notice any air leakage, adjust the nosepiece and headbands until the leakage is corrected. Once corrected, repeat the seal check again.

WARNING The respirator should not be used without a proper fit. 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.

Learn more at **BNX.com**

Manufactured by
BNX Converting, LLC.
16727 Park Row, Houston, TX 77084, USA



Image: Official user manual page detailing cautions, limitations, and fitting instructions.

3. SETUP: FITTING INSTRUCTIONS

Proper fitting is essential for the respirator to provide its intended protection. Follow these steps carefully:

1. Step 1: Unfold the Respirator

Unfold the respirator completely and allow the headbands to hang outward on both sides.

2. Step 2: Position on Face

Position the respirator on your face with the adjustable metal nosepiece facing up.

3. Step 3: Secure Headbands

Pull the headbands over your head. Place the bottom band below the ears and the top band on the crown of your head.

4. Step 4: Adjust Nosepiece

Using both hands, press down on the metal nosepiece to form a tight fit around your nose.

5. Step 5: Perform Seal Check

Cover the respirator with both hands. Inhale and exhale vigorously. If air leaks around the edges, adjust the straps and reshape the nosepiece until a proper seal is formed.



Image: Proper headband attachment for the BNX N95 Respirator Mask.

4. OPERATING: PERFORMING A SEAL CHECK

It is critical to perform a seal check every time you wear the respirator to ensure a proper fit and effective protection.

- Cup both hands around the respirator.
- Inhale and exhale vigorously.
- If air leaks around the respirator's edges, adjust the nosepiece and headbands until the leakage is corrected.
- Once corrected, repeat the seal check again to confirm.

WARNING: This respirator should be used without a proper fit. 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.



95% OR GREATER FILTRATION EFFICIENCY AGAINST CERTAIN NON-OIL BASED SOLID AND LIQUID PARTICLES. RECOMMENDED FOR ONE TIME USE ONLY.

Image: A properly worn BNX N95 mask, highlighting its ability to block 95% of airborne particles.

5. MAINTENANCE AND STORAGE

Proper maintenance and storage ensure the longevity and effectiveness of your respirator.

Storage Instructions

- The shelf life of the respirator is indicated by the "use by" date specified on the packaging.
- Store within a temperature range of -4°F to 104°F (-20°C to 40°C).
- Maintain a maximum relative humidity of less than 80% RH.
- When not in use, store the respirator away from contaminated areas.
- Discard used respirators after one use. Dispose of the respirator in accordance with applicable regulations.

6. PRODUCT SPECIFICATIONS

Key specifications for the AccuMed BNX N95 Respirator Mask H95B:

- **Model Number:** H95B
- **Approval Number:** TC-84A-9315
- **Filter Class:** N95 (95% filtration efficiency against non-oil based particulates)
- **Manufacturer:** BNX Converting, LLC
- **Layers:** 5-layer filtration technology (Spunbond Polypropylene, Meltblown Polypropylene, 2x Hot Air Non-Woven, Spunbond Polypropylene)
- **Attachment:** Headband style (elastic bands go over the head, not over the ears)
- **Features:** Adjustable metal nosepiece, foldable design, latex-free
- **Size:** Medium/Large Adult
- **Color:** Black

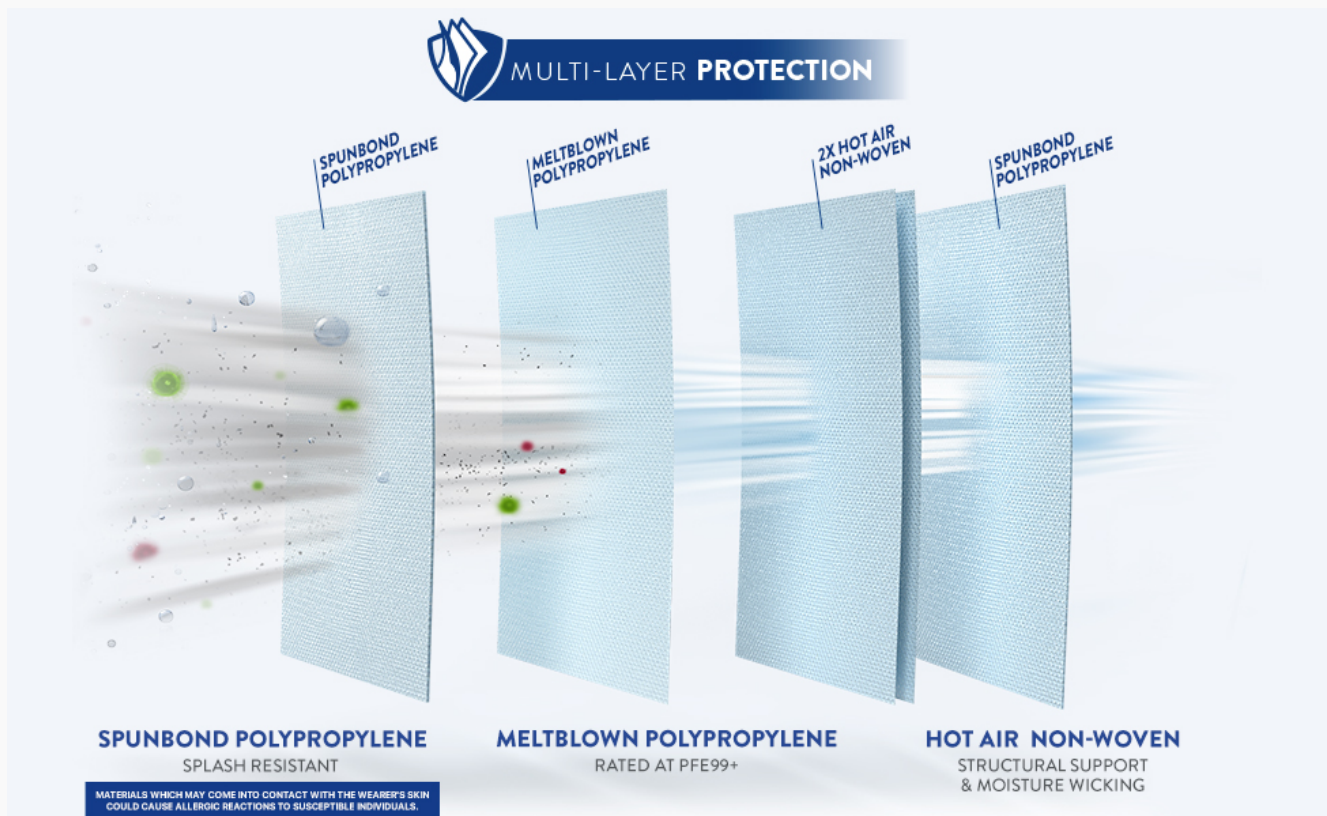


Image: Diagram showing the multi-layer construction of the BNX N95 mask for superior protection.

Filtration Performance

The BNX N95 Respirator Mask utilizes a 5-layer filtration technology for maximum protection and breathability. The active filter layer is composed of ultra-high grade electrostatically charged meltblown polypropylene. Nelson Labs test results confirm the filtration efficiency and low inhalation/exhalation resistance:

Nelson Labs: Determination of Inhalation and Exhalation Resistance

Test Article Number	Inhalation Resistance (mm H2O)	Exhalation Resistance (mm H2O)
1	9.1	9.2
2	9.0	8.9
3	9.6	9.4

Table: Excerpt from Nelson Labs test report for inhalation and exhalation resistance.

Nelson Labs: Sodium Chloride (NaCl) Aerosol Test Final Report - Filtration Efficiency

Test Article Number	Corrected Airflow Resistance (mm H2O)	Particle Penetration %	Filtration Efficiency %
1	9.1	1.49	98.51
2	9.6	1.15	98.85
3	9.1	1.43	98.57
4	8.5	0.860	99.140
5	8.3	0.976	99.024

Table: Excerpt from Nelson Labs test report for particle penetration and filtration efficiency.

7. TROUBLESHOOTING

If you experience issues with your BNX N95 Respirator Mask, consider the following:

- **Air Leakage:** If air leaks around the edges during a seal check, re-adjust the headbands and reshape the metal nosepiece. Ensure the mask is centered on your face.
- **Discomfort:** Ensure the headbands are positioned correctly (bottom band below ears, top band on crown of head). The nosepiece should be gently but firmly molded to your nose.
- **Breathing Difficulty:** If breathing becomes difficult, the respirator may be excessively clogged or damaged. Discard the mask and replace it with a new one.
- **Facial Hair:** Beards or other facial hair can prevent a proper seal. The respirator should not be used with facial hair that interferes with the seal.

8. WARRANTY INFORMATION

Specific warranty information for the AccuMed BNX N95 Respirator Mask H95B is not provided within this user manual. Please refer to the product packaging or contact the manufacturer directly for warranty details.

9. SUPPORT AND CONTACT

For further information, support, or inquiries regarding your AccuMed BNX N95 Respirator Mask, please visit the official website or contact the manufacturer:

Website: [BNX.com](https://www.bnx.com)

Manufacturer: BNX Converting, LLC

Address: 16727 Park Row, Houston, TX 77084, USA

Phone: +1 713-936-2726

Company Name	Model	Manufacturer	Approved	Download Link
Blue Golf LLC [E] 86-21-5431-3117	MK9600	84A-7867	No	MK9600 [PDF - 14.3 MB]
BNX Converting, LLC [E] 713-936-2726	A96	84A-9298	No	A96 [PDF - 454 KB]
BNX Converting, LLC [E] 713-936-2726	A96-2	84A-9308	No	A96-2 [PDF - 398 KB]
BNX Converting, LLC [E] 713-936-2726	H95W (white) H95B (black)	84A-9315	No	All models [PDF - 629 KB]
Brighton-Best International [E] 800-397-9929	M19020	84A-5411	No	M19020 [PDF - 538 KB]
BSN Medical Australia [D] 61-648-46-4186	TN01-11	84A-3348	No	All Models [PDF - 61 KB]



NIOSH - Approved
N95 Particulate Filtering Respirator

To assist healthcare providers, first responders and frontline workers in our nation's response



Image: NIOSH approved list for BNX Converting LLC and various applications for the N95 mask.