



## 4700 SERIES

### N100 PARTICULATE RESPIRATOR W/ SMARTSTRAP®, VENTEX® VALVE AND FOAM FACE CUSHION

#### MORE AIR. MORE WEAR.

Easier breathing and more comfort are what you get when you wear an AirWave respirator. The larger surface area of the patented wave design means more air flows in and out of the mask.

#### NIOSH APPROVED WITH N100 PROTECTION.

NIOSH approved 99.97% efficient against non-oil based particulates, for environments where an OSHA substance specific standard applies (e.g. lead, cadmium, inorganic arsenic, MDA), as well as, pharmaceutical manufacturing, battery manufacturing, welding, cutting and metal pouring.

#### VENT HOT AIR, STAY COOLER

Exclusive Ventex valve lets the hot air out faster so breathing resistance is reduced and workers stay cooler.

#### ADJUSTABLE & HANGABLE SMARTSTRAP®

The innovative cool cloth SmartStrap is adjustable for a custom fit and allows the respirator to hang around the neck when not in use helping prevent premature mask loss or disposal.

#### MORE COMFORT. MORE USE.

The unique FlexFit® design moves with your face for comfort all day long.

#### COMPLETELY METAL FREE

The contoured nose bridge eliminates the need for a metal nose band for pinch-free comfort. Plus the SmartStrap is attached with no staples.

#### DURA-MESH® SHELL LASTS LONGER

The exclusive Dura-Mesh shell protects the filter media so it stays cleaner-looking longer. Plus, it resists collapsing in hot, humid environments so the respirator holds its shape longer resulting in fewer respirators used and lower costs.

#### FEATURES

- Exclusive easy-breathing wave design.
- Less resistance, better breathability.
- 99.97% efficient against non-oil based particulates.
- FlexFit design moves easily with your face and stays in place.
- Dura-Mesh shell resists collapsing in heat and humidity.
- Ventex valve lets the hot air out faster so workers breathe easier and stay cooler.
- Soft, cloth SmartStrap is both HANGABLE and ADJUSTABLE.
- Foam face cushion for added comfort.
- Meets heat and flame resistance in accordance with ANSI/ISEA 110-2009 Section 7.11.1.
- Metal-free.
- 100% PVC-Free for a greener alternative.

#### N100 SERIES APPLICATIONS\*:

Metal Working, Grinding, Sanding, Sweeping, Bagging, Foundries, Pharmaceutical Operations, Power Plants, Environments where an OSHA substance specific standard applies (e.g., lead, cadmium, inorganic arsenic, MDA). Where oil mists are present, either alone or in combination with solid particulates, an R or P respirator must be used.

*\*Always refer to all warnings, limitations and restrictions before using Moldex masks in any environment or application.*



Foam Face Cushion

### Adjustable & Hangable Smartstrap®

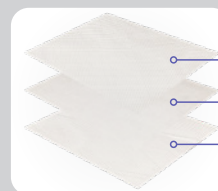


Adjustable



Hangable

### Three Layer Construction



- Inner Dura-Mesh® helps prevent collapsing from heat and humidity.
- Filter media is protected on both sides by Dura-Mesh®.
- Outer Dura-Mesh® keeps respirator cleaner looking.



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| PART #   | SIZE | FLANGE<br>TYPE | STRAP<br>MATERIAL | ADJUSTABLE/<br>HANGABLE<br>SMART STRAP | DISPLAY<br>QUANTITY | CASE<br>QUANTITY |
|----------|------|----------------|-------------------|----------------------------------------|---------------------|------------------|
| 4700N100 | M/L  | Full           | Cloth             | Yes                                    | 5/Box               | 6 Boxes          |
| 4701N100 | S    | Full           | Cloth             | Yes                                    | 5/Box               | 6 Boxes          |

**Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging.**

**This product contains natural rubber latex.**



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THIS RESPIRATOR IS APPROVED ONLY IN THE FOLLOWING CONFIGURATION:

| TC-      | PROTECTION* | RESPIRATOR |          | CAUTIONS & LIMITATIONS* |
|----------|-------------|------------|----------|-------------------------|
|          |             | 4700N100   | 4701N100 |                         |
| 84A-6963 | N100        | X          | X        | A B C J M N O P         |

**1. PROTECTION**  
N100 Particulate Filter (99.7% 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, 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 configurations 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 as surgical masks.

#### WARNING TO USER

- Follow all instructions and warnings on the use of this respirator and wear during all times of exposure. Failure to do so will reduce respirator effectiveness, wearer protection and may result in sickness or death.
- Before use, the user must first be trained by the employer in proper respirator use, in accordance with applicable safety and health standards, for the contaminant and exposure level in the assigned work area.
- The particulates and other contaminants which can be dangerous to your health include those which you cannot see, taste, or smell.
- This product has not been sold with warnings or use instructions for personnel involved in healthcare or related situations, where there may be the possibility of contact with disease or biological hazards. If you are considering such uses, first call the Moldex Technical Service Dept., +1 (310) 837-6500 ext. 512/550 or +1 (800) 421-0668 ext. 512/550.

#### LIMITED WARRANTY IMPORTANT NOTICE TO PURCHASER

This limited warranty is made in lieu of the warranties of merchantability, fitness for particular purposes and all other warranties, express or implied. There are no other warranties which extend beyond the description on the face hereof. The physical standards and specifications of Moldex will be met by products sold. **Exclusive Remedies:** damages for the breach of this limited warranty are limited to the replacement of such quantity of Moldex, products proved to be defectively manufactured. Except as provided above, Moldex shall not be liable or responsible for any loss, damage, or liability, direct, indirect, incidental, special, or consequential, arising out of sale, use, or misuse, or the inability to use products by the user.

#### MOLDEX TECHNICAL ASSISTANCE

Moldex provides all of the technical assistance required to set up a hearing protection program. For more information call +1 (800) 421-0668 or +1 (310) 837-6500 ext. 512 or email: tech@moldex.com or visit www.moldex.com.

#### USE AGAINST

- Particulate aerosols free of oil.

#### DO NOT USE AGAINST

- Concentrations of contaminants which are unknown, or are immediately dangerous to life or health.
- Concentrations of particulates which exceed the maximum use concentration or 10 times the OSHA Permissible Exposure Limit, whichever is lower.
- Gases, vapors, asbestos, paint spray, sandblasting or particulate materials which generate harmful vapors.
- Oil-based mists.

#### RESTRICTIONS:

- This respirator does not supply oxygen and must not be used in atmospheres containing less than 19.5% oxygen.
- Do not remain in contaminated area if any physical distress occurs, for example breathing difficulty, dizziness or nausea.
- Leave contaminated area and replace respirator if it is damaged, distorted, a proper fit can not be obtained or breathing becomes difficult.
- Prior to each use, carefully inspect the entire respirator, including filter media and strap/weld attachment area for tears and damage. Staple or strap/weld attachment perforations do not affect respirator performance.
- Do not alter, modify, or abuse this respirator.
- Store unused respirators in box/bag in a clean, dry, non-contaminated area.
- Dispose of respirator according to your employer's policy and local regulations.
- Dispose no later than thirty days after first use.
- Use respirator before the "use by" expiration date printed on box/bag.
- If used for welding, wear appropriate eye and face protection.

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