

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Guangzhou Aomy Biomedical Technology Co., Ltd.

Model Tested: AMO-267

Date Tested: July 6, 2020

These findings pertain to the Guangzhou Aomy Biomedical Technology Co., Ltd., model AMO-267. The packaging for this product indicates that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Ten respirators were submitted for evaluation. The samples were tested using a modified version of NIOSH Standard Test Procedure (STP) TEB-APR-STP-0059. This modified assessment plan can be found [here](#).

No certificate of approval was provided with the samples received; therefore, the authenticity of the claims cannot be validated.

The maximum and minimum filter efficiency was 94.71% and 90.20%, respectively. All ten respirators measured less than 95%.

While the above-listed product classification has similar performance requirements to NIOSH-approved devices, NIOSH does not have knowledge about the sustained manufacturer quality system and product quality control for these products. NIOSH also does not have knowledge about the product's handling and exposures after leaving its manufacturer's control.

In addition, this product is an ear loop design. Currently, there are no NIOSH-approved products with ear loops; NIOSH-approved N95s have head bands. Furthermore, limited assessment of ear loop designs, indicate difficulty achieving a proper fit. While filter efficiency shows how well the filter media performs, users must ensure a proper fit is achieved.

This assessment is not a part of the NIOSH respirator approval process and will in no way lead to or preclude NIOSH approval through the official approval process. This assessment was developed as an assessment of the filter efficiency for those respirator's represented as certified by an international certification authority, other than NIOSH, to support the availability of respiratory protection to US healthcare workers due to the respirator shortage associated with COVID-19. Only particulate filter efficiency was assessed.

The results provided in this letter are specific to the subset of samples that were provided to NPPTL for evaluation.

These results will be used to update the CDC guidance for [Crisis Capacity Strategies \(during known shortages\)](#).

Evaluation of International Respirators

Test: Modified TEB-APR-STP-0059

Date Tested: July 6, 2020

Report Prepared: July 6, 2020

Manufacturer: Guangzhou Aomy Biomedical Technology Co., Ltd.

Item Tested: model AMO-267



Country of Certification: China (GB2626-2006)

Pictures have been added to the end of this report.

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	11.9	8.89	8.89	91.11
2	85	11.2	8.72	8.72	91.28
3	85	7.8	7.16	7.16	92.84
4	85	11.2	8.63	8.63	91.37
5	85	8.5	8.27	8.55	91.45
6	85	7.9	8.46	8.46	91.54
7	85	11.7	7.78	7.78	92.22
8	85	11.0	9.80	9.80	90.20
9	85	10.6	9.66	9.66	90.34
10	85	6.8	4.67	5.29	94.71
Minimum Filter Efficiency: 90.20			Maximum Filter Efficiency: 94.71		

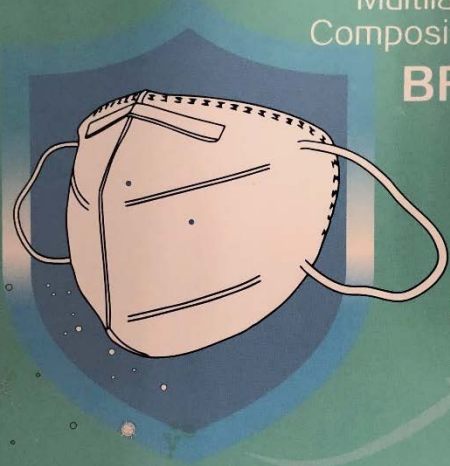
- The test method utilized in this assessment is not the NIOSH standard test procedure that is used for certification of respirators. Respirators assessed to this modified test plan do not meet the requirements of STP-0059, and therefore cannot be considered equivalent to N95 respirators that were tested to STP-0059.
- Respirators tested may not be representative of all respirators with the same certification mark. NIOSH has no control over suppliers and distributors of respirators certified by other national or international parties.
- This assessment is not a confirmation that it conforms with any or all of its specifications in accordance with its certification mark.
- This assessment was not a part of the NIOSH approval program. These results do not imply nor preclude a future approval through the NIOSH respirator approval program.

MTT-2020-308



Multi-layer Purification
Multilayer Material
Composite Structure

BFE ≥ 95%



Clean Air

Barrier Layer non-woven fabric isolating blocking of large particles	Filtration Layer melt-blown fabric adsorption of small particles	Filtration Layer electrostatic capture of PM0.3 particles	Skin-Friendly Layer high quality non-woven fabric skin-friendly without stimulation
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KN95

SELF – IMBIBING FILTER PARTICLE RESPIRATOR

ANTI PARTICLE MASK

- ✓ Anti-virus
- ✓ Anti-smog
- ✓ Anti-dust

BFE ≥ 95%



20 PCS



Epidemic Prevention

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Notes:

1. To ensure the hygiene of the mask, avoid touching the inner side of the mask with hands.
2. Every time you wear a mask, do a "tightness" check immediately to ensure that the mask is worn correctly.
3. Wash hands before wearing the mask every time. If you need to be exposed to dust pollution, you should always wear the mask.
4. Replace the mask as soon as possible when breathing resistance increases or when the mask becomes dirty or damaged.
5. This mask cannot be washed with water, which will damage the filter material structure and cause penetration and destroy electrostatic filter material filtration performance.
6. Unused masks should be stored in a clean environment to prevent them from being damaged, dirty, sticky, direct sunlight, high temperature or harmful chemical contamination. When storing the mask, it is also necessary to avoid deformation of the mask.
7. Masks should not be sterilized in the microwave.

Storage condition:

humidity < 80%, no corrosive gas and well ventilated clean room

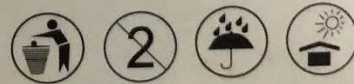
Model number: AMO-267

Validity: 3 years

Executive Standard: GB2626-2006

Manufacturer: Guangzhou Aomy Biomedical Technology Co., Ltd.

Add: Room 207, Building 2, No.1, Jianta Mountain Road, high-tech Industrial Development Zone, Guangzhou, China.



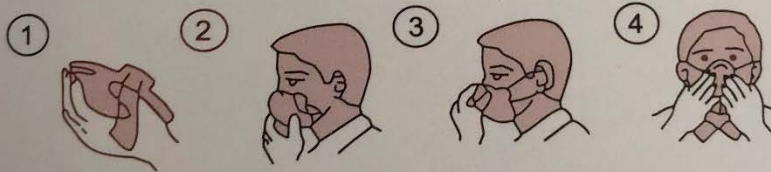
MADE IN CHINA



Product Performance

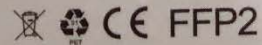
1. Ultra-fine fiber electrostatic Melt-blown fabric and PP spunbonded non-woven cloth are used to form a quadruple filtration layer, which can filter harmful substances more effectively and accord with international grade KN95.
2. The three-dimensional shape is designed according to the artificial face engineering to ensure the tightness and increase the breathing volume of the mask, greatly improving the air permeability and making it more comfortable to wear and breathe.

Fitting Instructions



Scope of Application

It is applicable to protect against harmful particles such as dust, PM2.5 haze particles, influenza bacteria, droplets and so on.
This product has the function of preventing wind and cold.



MADE IN CHINA

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