

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Anhui Jiabao Protective Equipments Co., Ltd.

Model Tested: KN95 (Non-Medical)

Date Tested: August 12, 2020

These findings pertain to the Anhui Jiabao Protective Equipments Co., Ltd., Model KN95 (Non-Medical). 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 92.63% and 86.00%, respectively. All 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 respirators 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: August 12, 2020

Report Prepared: August 12, 2020

Manufacturer: Anhui Jiabao Protective Equipments Co., Ltd.

Item Tested: KN95 (Non-Medical)

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	9.3	12.8	12.9	87.10
2	85	9.6	11.5	11.9	88.10
3	85	9.1	9.02	9.02	90.98
4	85	10.8	12.8	13.0	87.00
5	85	9.3	10.3	10.4	89.60
6	85	9.0	7.37	7.37	92.63
7	85	10.3	13.6	14.0	86.00
8	85	10.3	13.6	13.8	86.20
9	85	8.6	11.8	11.8	88.20
10	85	10.4	8.29	8.29	91.71
Minimum Filter Efficiency: 86.00%			Maximum Filter Efficiency: 92.63%		




- 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.



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NM non medical	SU single use	AS adult size
OD ozone disinfection	KN95 breathing protection	AF adjustable fit

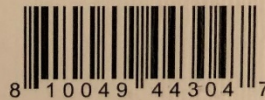
Instructions:

-  1 Keep the front outside and hook straps over the ears.
-  2 Stretch the ear loop until mask covers the nose, mouth and chin.
-  3 Press the nose clip to and just and keep mask close to nose and face.

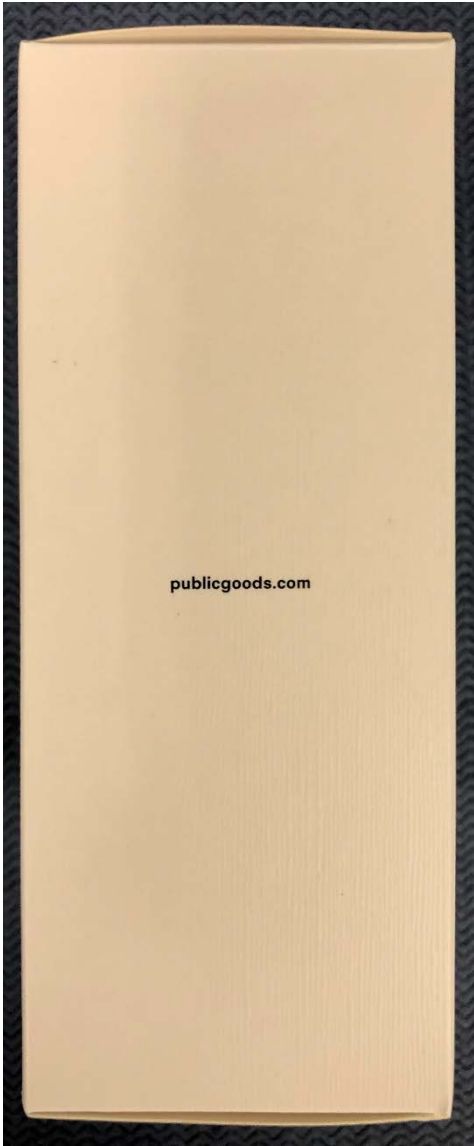
The nose clip should be unfolded fully before wearing and adjusted to fit close to the face without gaps. If damaged, damp, or has an odor, please replace with a new mask.

[publicgoods.com](https://www.publicgoods.com)

Made in China
Distributed by Public Goods
New York, NY 10008



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Disposable Protective Mask User Guide

[Product Name] Disposable Protective Mask

[Type] Folding Mask

[Specification] 11 × 16cm(folding)

[Intended Use] For self-priming filter respirator for protecting particulate matter

[Product Structure] Products are mainly composed of mask body, earloop and nose clip:

[Product Usage]

- 1、 Open the package,take out the mask,check if the surface is broken or not;
- 2、 Open the mask to make the nose clip at the top, and pull the ear straps with both your hands.
- 3、 Hold the mask against your chine to completely cover your nose and mouth
- 4、 Pull the ear straps behind your ears and adjust them to make you feel comfortable
- 5、 Use both your hands to adjust the shape of nose clip, place your fingertips along both sides of the nose clip until it is pressed to fit the bridge of your nose(Make the nose clip get a seal with only one hand may affect the tightness of the mask)
- 6、 Cover the mask with your hand and exhale vigorously, If you feel the air escaping from the nose clip. it is required to tighten the nose clip. If the air escapes from the edge of the mask,readjust the headband to ensure tightness

[Contraindications and cautions]

1. Please red the instruction carefully before use;
2. Please strictly comply with the usage and usage restrictions of disposable medical mask when using, The user should judge whether the product is suitable for specific occasions. If the usage is beyond the scope of the usage and usage restrictions of the product, wedo not make any guarantee about this, and we do not assume any responsibilities related to this;
3. Single use,pleaes destroy after use;
4. Can't be used beyond the product expiry date;
6. When taking off the mask, avoid contaminating the mask by touching the inside of the mask (the white side of the mask) with your hands;
7. Non-woven material allergy is prohibited;
8. The product should be used as soon as possible after opening.

[Storage] Store in a dry and ventilated place away from fire and flammable substance.

[Production Date] See the packing

[Expiry Date] Two years

[Manufacturer] Auhui Jiabao Protective Equipments Co.,Ltd






[Manufacturer Add] 312 State Road Intersection With Dongwu Road,Economic Development Zone, Lu'an City.Anhui Province, China

[Production License No] WAN SHI YAO JIAN XIE SHENG CHAN XU 20200033

[Tel No] 0086 0564-3963993

[Compile Date] 1st March 2020

[The Interpretaion Of Labels, Logos, Symbols, Abbreviations etc]

Name	Symbols	Instructions
Single Use		This product cannot be reused
Warning Notes		Remind the user to read the instructions before use
Production Lot		Represent the production batch number of this batch
Expiry Date		Represent the expiry date of the product
Production Date		Represent the production date of the product

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