

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Kuangye (Dongguan) Technology Co., Ltd.

Model Tested: KN95

Date Tested: June 29, 2020

These findings pertain to the Kuangye (Dongguan) Technology Co., Ltd., KN95. 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 91.70% and 63.70%, 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: June 29, 2020

Report Prepared: June 29, 2020

Manufacturer: Kuangye (Dongguan) Technology Co., Ltd.

Item Tested: KN95

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	7.7	8.6	8.6	91.40
2	85	8.4	8.5	8.5	91.50
3	85	6.0	9.8	9.8	90.20
4	85	8.0	10.5	10.5	89.50
5	85	5.2	35.0	36.3	63.70
6	85	6.1	12.0	12.0	88.00
7	85	7.7	8.3	8.3	91.70
8	85	7.5	10.6	10.6	89.40
9	85	3.1	11.6	14.4	85.60
10	85	6.4	9.6	9.6	90.40
Minimum Filter Efficiency: 63.70			Maximum Filter Efficiency: 91.70		

- 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.

葛友®
GEYOU LIFE AS A FRIEND
DISPOSABLE PROTECTIVE MASK

KN95 PROTECTIVE MASK

Hong Kong star
Jason Chu recommend

KN95
GB2626-2006

FDA CE

4 layer protection

10 PIECES

The packaging features a portrait of a man in a white turtleneck, a white KN95 mask, and various certification logos and icons. The background is split into white and blue sections.

Product name:GEYOU brand KN95 particulate respirator
Execution standard: GB2626-2006 KN95
Product specification: 10 PCS/BOX
Product model: KN95
Production date: March 10, 2020
Validity :2 years
Recommended storage conditions: humidity less than 80%, non-corrosive gas and well ventilated clean room.pay attention before use ,the wearer must read the instructions.Please save these instructions for reference.
Manufacturer: kuang ye (dongguan) technology co., LTD
Address: no. 35, lihui road, qingxi town, dongguan city, guangdong province of china
Telephone:0769-86003760

Made in China

MATTERS NEEDING ATTENTION

- 1 Order to keep the mask clean, avoid touching the inside of the mask with your hand.
- 2 Before wearing the mask every time, you should wash your hands. If you need to be exposed to dust, you should always wear the mask.
- 3 When breathing resistance increases significantly, or when the mask becomes dirty or damaged, need to be changed as soon as possible.
- 4 This mask cannot be washed. Washing will damage the filter material structure, cause penetration, and damage the filtration performance of electrostatic filter material.

PRODUCT PERFORMANCE

1. Ultra-fine fiber electrostatic melt-spraying cloth and ES hot-air cotton PP spun-viscose non-woven cloth are used to form a four-fold filter layer, which can filter harmful substances more effectively and meet the national standard KN95 level;
2. The 3D 3D shape is designed according to the human face shape engineering to ensure the tightness and increase the breathing volume of the mask, greatly improve the air permeability and make the wearer breathe more comfortably.

SCOPE OF APPLICATION

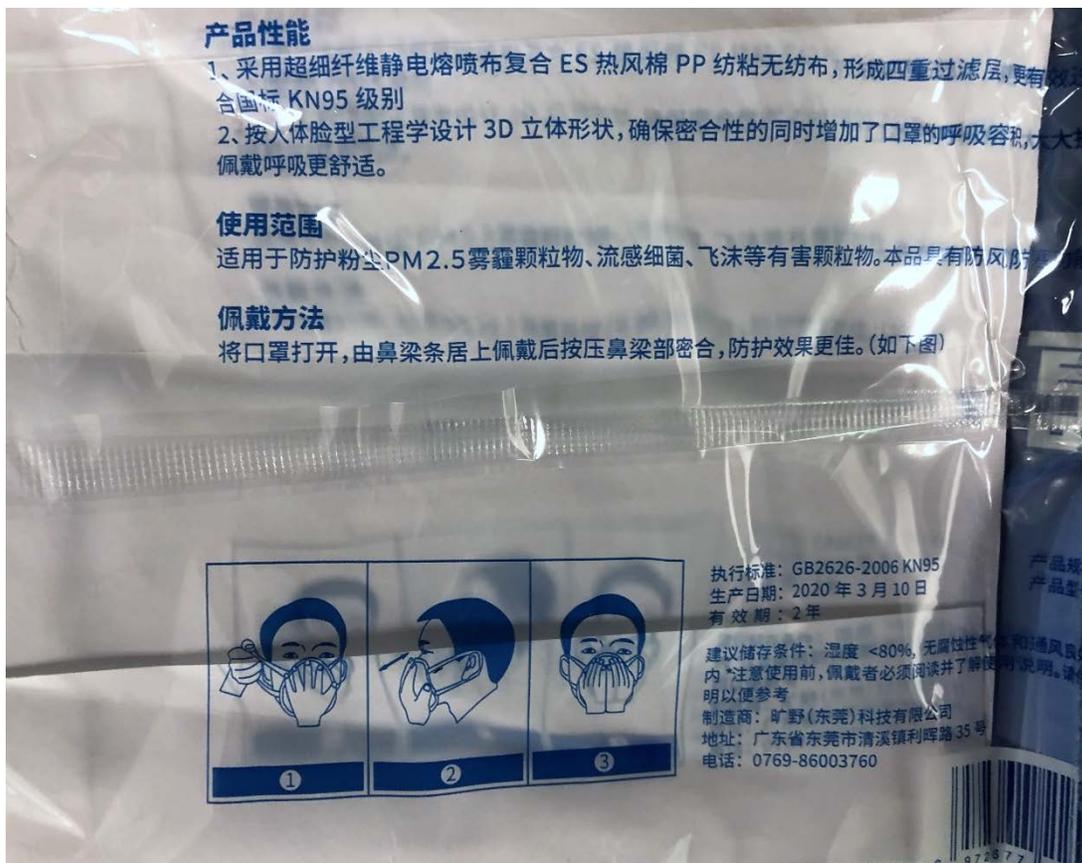
It is applicable to protect against harmful particles such as dust PM 2.5 haze particles, influenza bacteria, droplets and so on. This product has the function of preventing wind and cold.

Wearing method



Open the mask and press on the bridge of the nose after wearing it. The protective effect is better.

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