

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Jiangxi Guoyou Medical Technology Co., Ltd.

Model Tested: Model A/KN95 Protective Mask

Date Tested: September 8, 2020

These findings pertain to the Jiangxi Guoyou Medical Technology Co., Ltd., Model A/KN95 Protective Mask. The packaging and labeling for this product indicate 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 91.06% and 85.60%, 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 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: September 8, 2020

Report Prepared: September 8, 2020

Manufacturer: Jiangxi Guoyou Medical Technology Co., Ltd.

Item Tested: Model A/KN95 Protective Mask

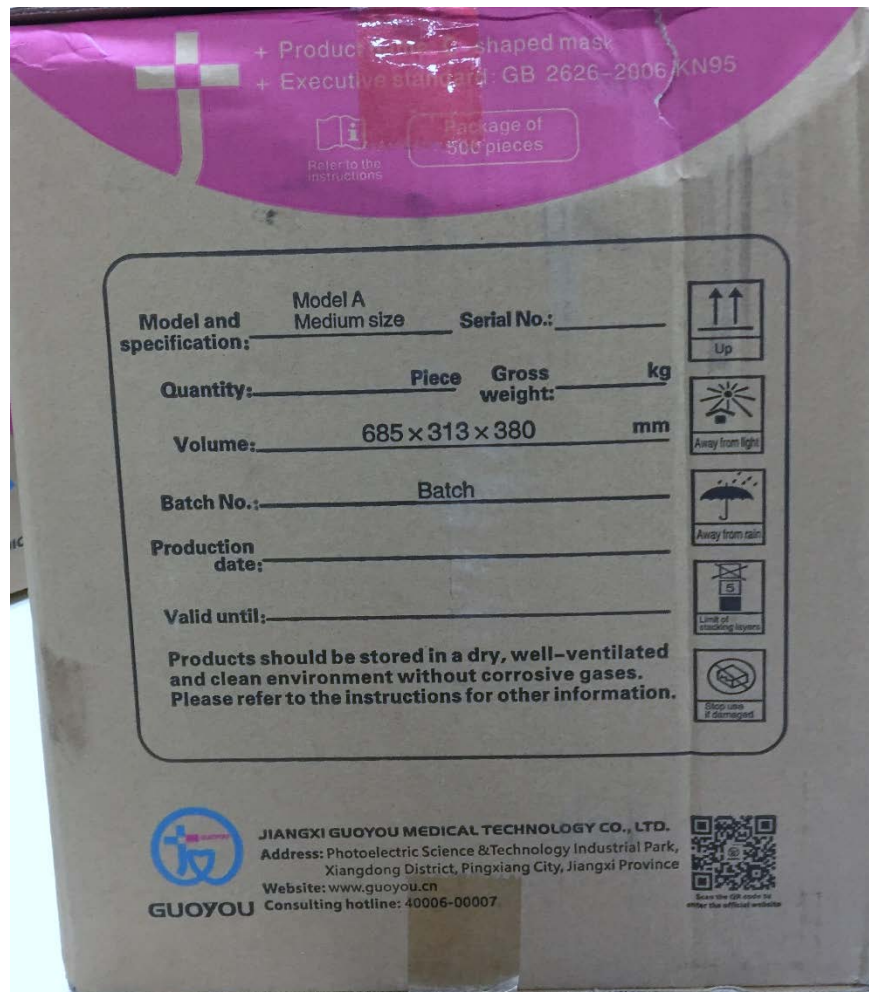
Country of Certification: China (GB2626-2006)

Pictures have been added to the end of this report.

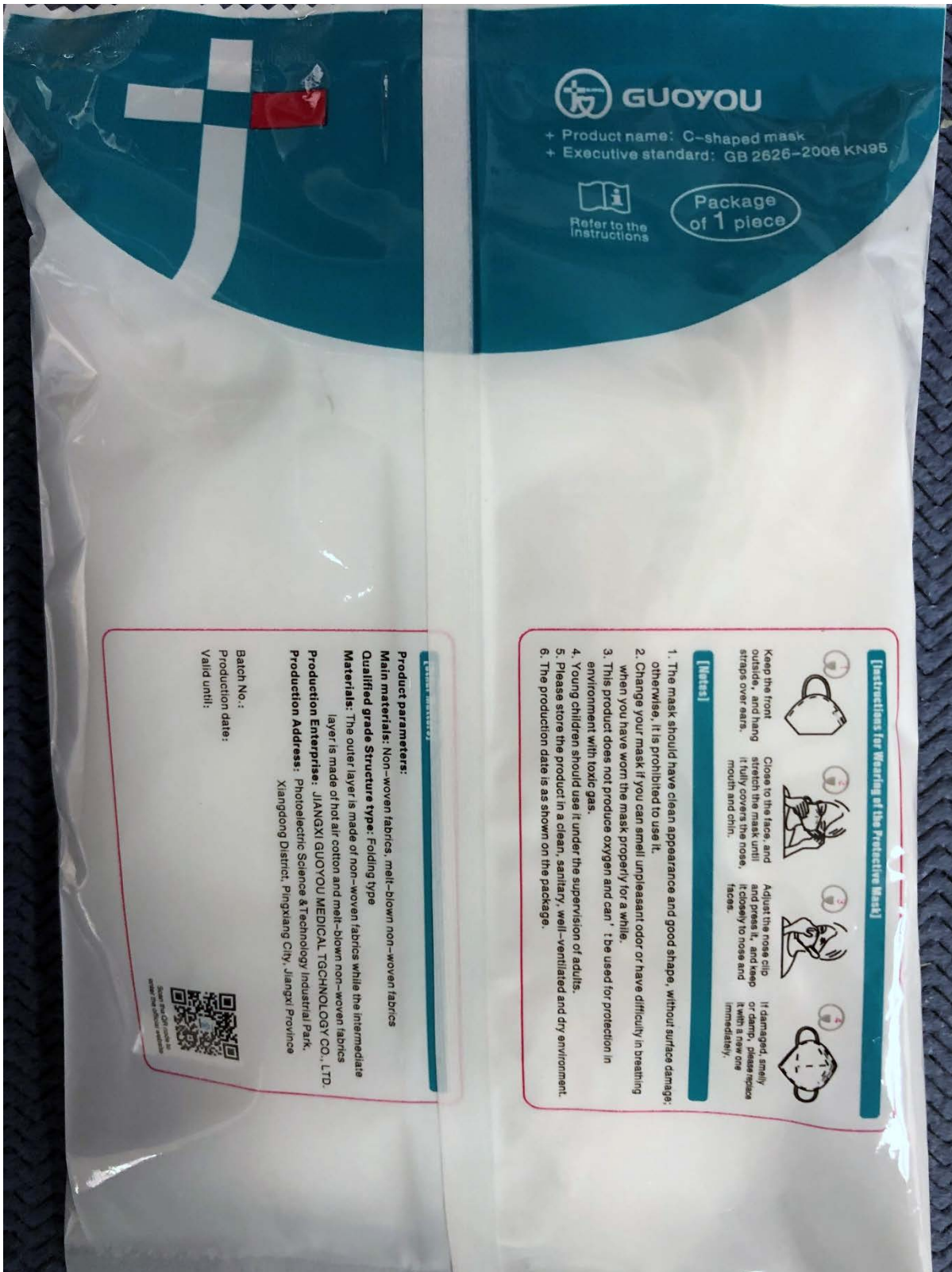
Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency (%)
1	85	6.1	9.37	9.37	90.63
2	85	5.7	9.11	9.19	90.81
3	85	5.0	9.43	9.43	90.57
4	85	7.1	8.94	8.94	91.06
5	85	6.4	9.25	9.25	90.75
6	85	3.9	14.4	14.4	85.60
7	85	5.5	14.4	14.4	85.60
8	85	5.7	14.0	14.0	86.00
9	85	3.7	14.0	14.0	86.00
10	85	4.9	14.1	14.1	85.90
Minimum Filter Efficiency: 85.60%			Maximum Filter Efficiency: 91.06%		

- 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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GUOYOU

+ Product name: C-shaped mask
+ Executive standard: GB 2626-2006 KN95

Refer to the instructions

Package of 1 piece

[Instructions for Wearing of the Protective Mask]

Keep the front outside, and hang straps over ears.

Close to the face, and stretch the mask until it fully covers the nose, mouth and chin.

Adjust the nose clip and press it, and keep it closely to nose and faces.

If damaged, smelly or damp, please replace it with a new one immediately.

- [Notes]**
1. The mask should have clean appearance and good shape, without surface damage; otherwise, it is prohibited to use it.
 2. Change your mask if you can smell unpleasant odor or have difficulty in breathing when you have worn the mask properly for a while.
 3. This product does not produce oxygen and can't be used for protection in environment with toxic gas.
 4. Young children should use it under the supervision of adults.
 5. Please store the product in a clean, sanitary, well-ventilated and dry environment.
 6. The production date is as shown on the package.

[Product Parameters]

Product parameters:
Main materials: Non-woven fabrics, melt-blown non-woven fabrics
Qualified grade Structure type: Folding type
Materials: The outer layer is made of non-woven fabrics while the intermediate layer is made of hot air cotton and melt-blown non-woven fabrics
Production Enterprise: JIANGXI GUOYOU MEDICAL TECHNOLOGY CO., LTD.
Production Address: Photoelectric Science & Technology Industrial Park, Xiangdong District, Pingxiang City, Jiangxi Province

Batch No.:
Production date:
Valid until:



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合格证

执行标准: GB2626-2006	
产品名称	KN95防护口罩(非医用)
产品型号	A型
产品规格	17.5 × 9.5 CM
主要成分	无纺布、熔喷布
包装规格	5只/盒
有效期	储存温度-20~38℃, 储存湿度≤80% 避光干燥的室内环境下, 有效期2年
生产日期	2020年 见外包装
适用范围	本产品不得用于发热门诊、隔离病房、 隔离留观病房、手术室、隔离重症监 护室等区域。

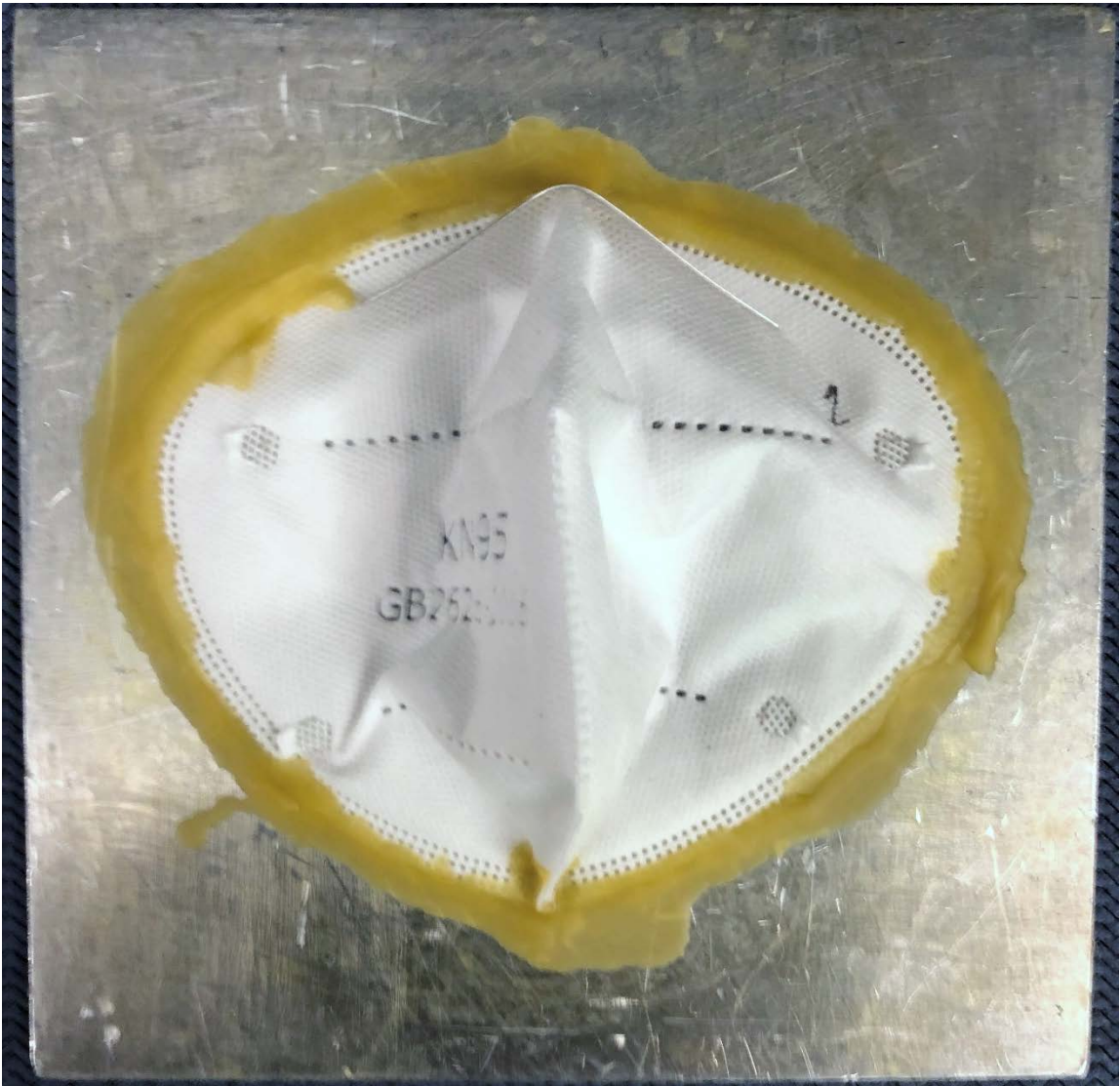
江西国友医疗科技有限公司
服务热线: 40006-00007



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