

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Zhejiang Jufeng Drilling Decoration Co., Ltd.

Model Tested: LSK2020-4

Date Tested: February 10, 2021

These findings pertain to the Zhejiang Jufeng Drilling Decoration Co., Ltd., model LSK2020-4. 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 97.81% and 88.70%, respectively. Eight respirators measured more than 95% filter efficiency. Two respirators measured less than 95% filter efficiency.

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: February 10, 2021

Report Prepared: February 11, 2021

Manufacturer: Zhejiang Jufeng Drilling Decoration Co., Ltd.

Item Tested: LSK2020-4

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	7.3	2.37	2.39	97.61
2	85	9.7	2.19	2.19	97.81
3	85	8.6	2.64	2.64	97.36
4	85	7.4	4.34	4.34	95.66
5	85	8.1	11.1	11.3	88.70
6	85	5.3	4.34	4.34	95.66
7	85	8.9	3.32	3.33	96.67
8	85	12.3	2.87	2.87	97.13
9	85	6.6	3.02	3.02	96.98
10	85	7.4	5.50	5.50	94.50
Minimum Filter Efficiency: 88.70%			Maximum Filter Efficiency: 97.81%		

- 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.



Attention

- Please use the one-use case within the validity period
- Check that the mask is in good condition before use
- Wear the mask in the correct way
- Only use once, and destroy after use
- It is forbidden to use if the package is damaged
- Pay attention to the production date

Warning:illegal high price trading is strictly

How to use

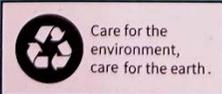


1 2 3 4

PROTECTIVE MASK KN95 (NON-MEDICAL)

【Product name】 KN95 mask(NON-MEDICAL)
【Product size】 15.5x10.5cm
【Packing capacity】 10pieces in a box
【Term of validity】 2 years
【hygienic standard】 GB2626-2006
【Date of production】 On the Certification

【Name of manufacturer】 Zhejiang Jufeng Drilling Decoration Co., Ltd.
【Address of manufacturer】 48 Longshan Road, Longyou Industrial Park, Zhejiang Province



MADE IN CHINA

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Wearing instructions:



Make sure the metal nose clip is facing up;



Put on a mask and clasp the ear straps behind your ears;



Adjust the mask to fit the face completely;



Press the nose clip against the bridge of the nose;



Cover the mask with your hands and exhale and inhale. Adjust the mask until no gas leaks out.

WARNING

This respirator helps protect against certain particles. Misuse can result in sickness or death

[Product name] 3D protective mask

[Product Model] LSK2020-4

[Product material] KN95 filter

[Wearing method] ear-hook

[Executive Standard] GB2626-2006 KN95

浙江巨峰钻饰有限公司

ZHEJIANG JUFENG DRILLING DECORATION CO.,LTD

产品合格证

PRODUCT CERTIFICATE

产品名称 PRODUCT NAME	KN95防护口罩（非医用） DISPOSABLE PROTECTIVE MASK
规格 PRODUCT SPECS	15.5cmx10.5cm
数量 QUANTITY	1只 1PC
执行标准 PRODUCT STANDARD	GB2626-2006
生产批号 BATCH NUMBER	20200414
生产日期 MANUFACTURING DATE	2020年4月14日 APRIL 14TH, 2020
有效期 EXPIRY DATE	二年 2 YEARS
检验员代码 INSPECTOR	 

主要原材料：第一层无纺布，第二层熔喷布，第三层热风棉，
第四层熔喷布，第五层无纺布

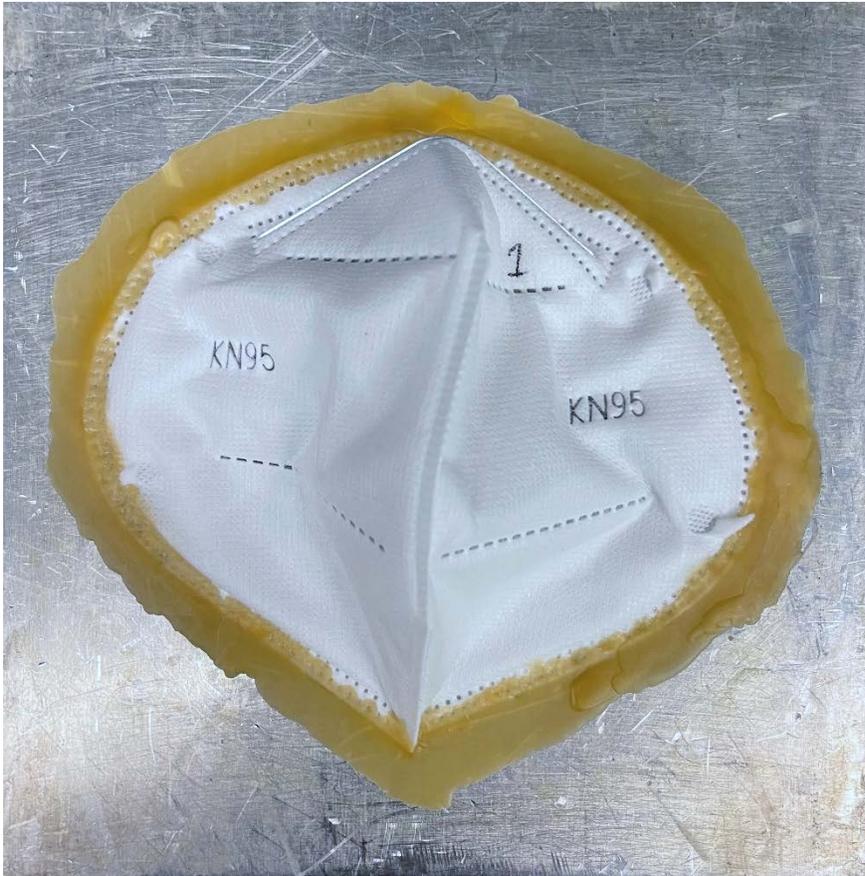
The first layer is non-woven fabric. The second layer is melt-blown fabric.
The third layer is hot air cotton. The fourth layer is melt-blown fabric.
The fifth layer is non-woven fabric.

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ADD:48 LONGSHAN ROAD, LONGYOU INDUSTRIAL PARK, ZHEJIANG
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