

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Suzhou Letian Protective Products Co., Ltd.

Model Tested: RRS-KN95-5PK

Date Tested: November 19, 2020

These findings pertain to the Suzhou Letian Protective Products Co., Ltd., model RRS-KN95-5PK. 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 99.97% and 99.92%, respectively. All ten respirators measured more 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:** November 19, 2020

**Report Prepared:** November 19, 2020

**Manufacturer:** Suzhou Letian Protective Products Co., Ltd.

**Item Tested:** RRS-KN95-5PK

**Country of Certification:** China (GB2626-2006)

Pictures have been added to the end of this report.

Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency (%)
1	85	20.3	0.04	0.04	99.96
2	85	19.6	0.06	0.07	99.93
3	85	15.6	0.03	0.03	99.97
4	85	17.3	0.04	0.04	99.96
5	85	18.9	0.08	0.08	99.92
6	85	24.1	0.03	0.03	99.97
7	85	20.2	0.03	0.03	99.97
8	85	22.5	0.07	0.07	99.93
9	85	19.4	0.03	0.03	99.97
10	85	22.2	0.03	0.03	99.97
<b>Minimum Filter Efficiency: 99.92%</b>			<b>Maximum Filter Efficiency: 99.97%</b>		

- 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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### APPLICATION

- Suitable for adults' daily travel protection, not suitable for toxic gas environment use.
- Not intended as a replacement for gas masks and medical masks.
- This protective mask cannot generate oxygen and should not be used in hypoxic environments.
- Not for use if breathing is impeded or unsteady, or during sleep.
- Please use mask correctly to avoid serious consequences caused by improper use.
- Store in a dry and ventilated location 23°F – 122°F (-5°C – 50°C, relative humidity <80%).
- Masks are disposable and cannot be washed.

### WARNING

- When breathing resistance is significantly increased or when the mask is dirty or damaged, it should be replaced.
- For individual use. This product should not be shared with others.
- The product is disposable, and can be replaced according to wearing conditions.

### HOW TO WEAR



Please check for air tightness after wearing the mask. Check to ensure the mask is tightened securely to the face. Position the protective mask gently with both hands and be careful not to disturb the mask's seal across the face. To test for air tightness, exhale sharply through the nose. If you feel air leak from the nose piece, adjust the nose clip accordingly. If you feel air leak from the edges of the mask, re-position the ear bands.

When removing your mask, grab both ear bands and pull away from your face. It is important that you not touch the front surface of the mask.

## SUPPLYAID™ KN95 PROTECTIVE MASK

- 5-PLY FOLDABLE | FACE MASK
- ≥95% FILTER EFFICIENCY
- PROTECTION AGAINST PM2.5, DUST, POLLEN, HAZE-PROOF
- USE WITHIN 2 YEARS FROM MANUFACTURE: EXP 07/2022

MFG PART NO.: **RRS-KN95-5PK**  
MFG DATE: 07/2020 | OWNER NO.: 10063060 | HISTING NO.: D375218



Manufactured expressly for SUPPLYAID Rapid Response, LLC  
305-4th Street Blvd., Carlstadt, NJ 07072 | Made in China

**RRS-KN95-5PK**



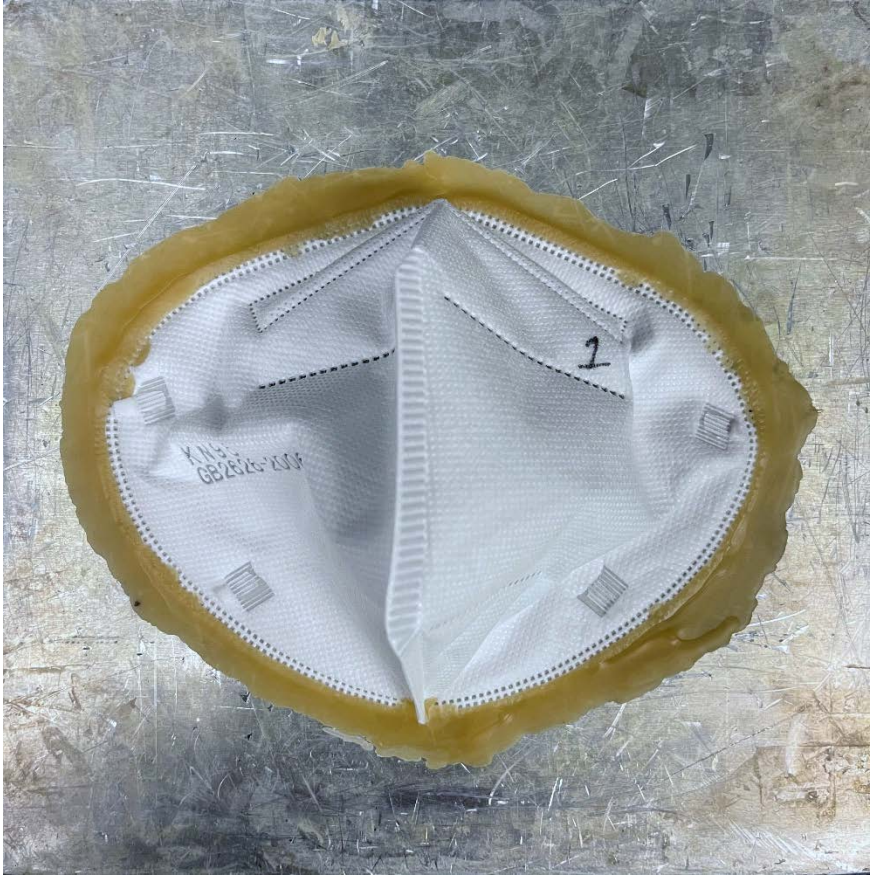


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