

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Shenzhen Xingchuangyuan Technology Co., Ltd.

Model Tested: UNKNOWN

Date Tested: March 9, 2021

These findings pertain to the Shenzhen Xingchuangyuan Technology Co., Ltd., model UNKNOWN. 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 93.49% and 88.19%, respectively. All ten 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: March 9, 2021

Report Prepared: March 10, 2021

Manufacturer: Shenzhen Xingchuangyuan Technology Co., Ltd.

Item Tested: UNKNOWN

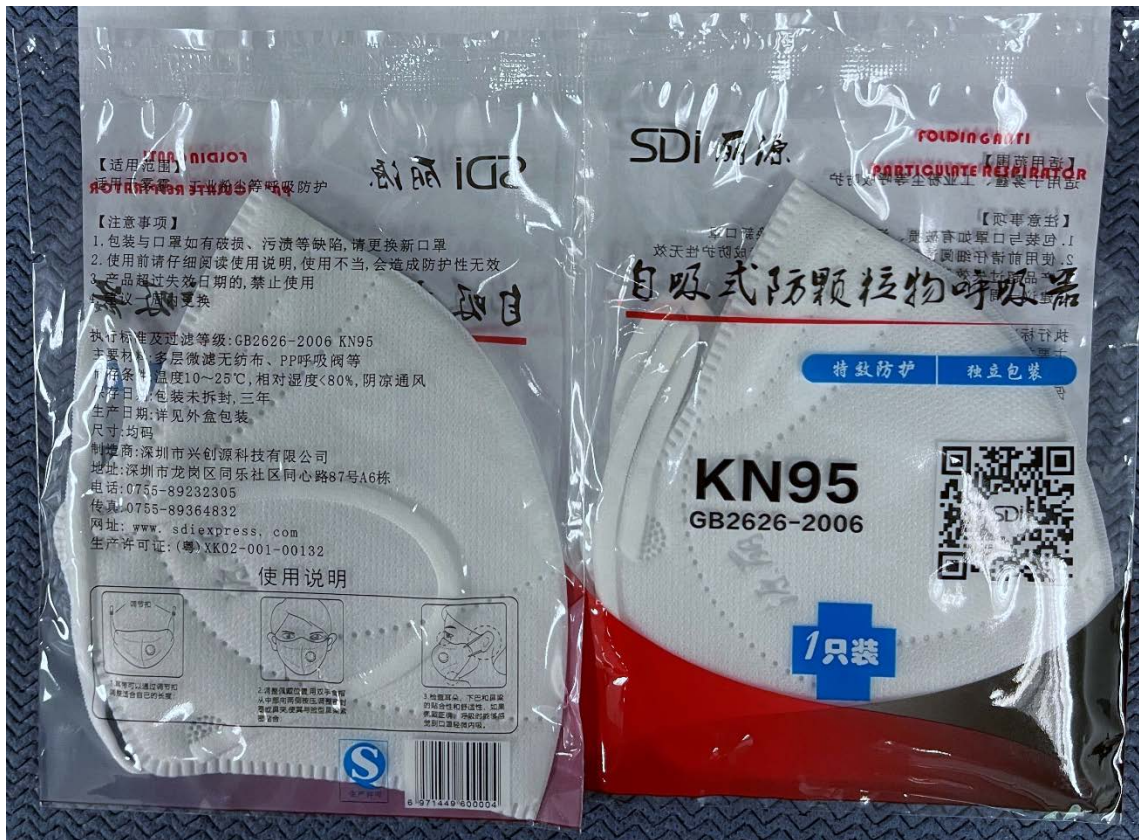
Country of Certification: China (GB2626-2006)

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	6.4	2.89	10.13	89.87
2	85	6.4	3.76	11.42	88.58
3	85	6.9	2.25	6.51	93.49
4	85	6.4	2.50	8.63	91.37
5	85	5.6	4.72	11.81	88.19
6	85	6.7	3.28	9.64	90.36
7	85	6.1	3.79	9.90	90.10
8	85	7.0	3.16	9.44	90.56
9	85	6.1	4.19	10.83	89.17
10	85	6.1	3.77	9.34	90.66
Minimum Filter Efficiency: 88.19%			Maximum Filter Efficiency: 93.49%		

- 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.

NPPTL COVID-19 Response: International Respirator Assessment



【适用范围】

适用于雾霾、工业粉尘等呼吸防护

【注意事项】

1. 包装与口罩如有破损、污渍等缺陷,请更换新口罩
2. 使用前请仔细阅读使用说明,使用不当,会造成防护性无效
3. 产品超过失效日期的,禁止使用
4. 建议一周内更换

执行标准及过滤等级:GB2626-2006 KN95

主要材料:多层微滤无纺布、PP呼吸阀等

储存条件:温度10~25℃,相对湿度<80%,阴凉通风

保存日期:包装未拆封,三年

生产日期:详见外盒包装

尺寸:均码

制造商:深圳市兴创源科技有限公司

地址:深圳市龙岗区同乐社区同心路87号A6栋

电话:0755-89232305

传真:0755-89364832

网址: www.sdiexpress.com

生产许可证:(粤)XK02-001-00132

使用说明



1. 耳带可以通过调节扣调整适合自己的长度;



2. 调整佩戴位置,用双手食指从中部向两侧按压调整密封胶或鼻夹,使其与脸型鼻梁紧密贴合;



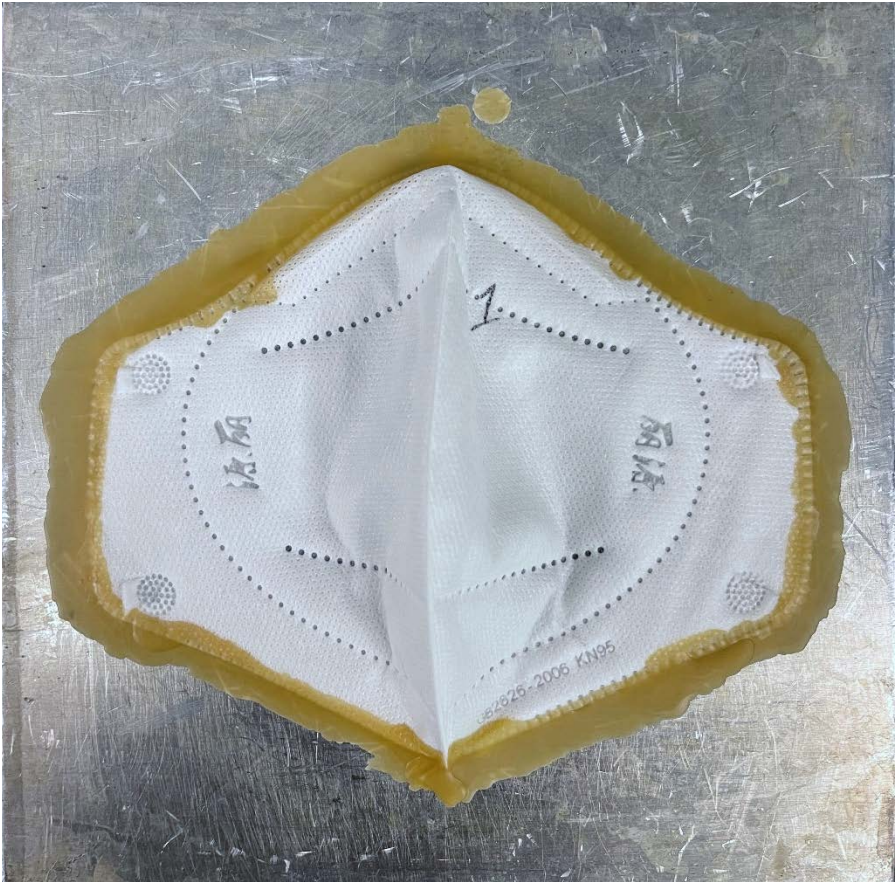
3. 检查耳朵、下巴和鼻梁的贴合性和舒适性,如果佩戴正确,呼吸时能够感觉到口罩轻微内吸。



NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment

