

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Qingdao Wopuaisi Daily Necessities Co., Ltd.

Model Tested: KN95 Protective Mask

Date Tested: February 10, 2021

These findings pertain to the Qingdao Wopuaisi Daily Necessities Co., Ltd., model KN95 Protective Mask. 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 94.20% and 86.70%, 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: February 10, 2021

Report Prepared: February 11, 2021

Manufacturer: Qingdao Wopuasi Daily Necessities Co., Ltd.

Item Tested: KN95 Protective Mask

Country of Certification: China (GB2626-2006)

Pictures have been added to the end of this report.

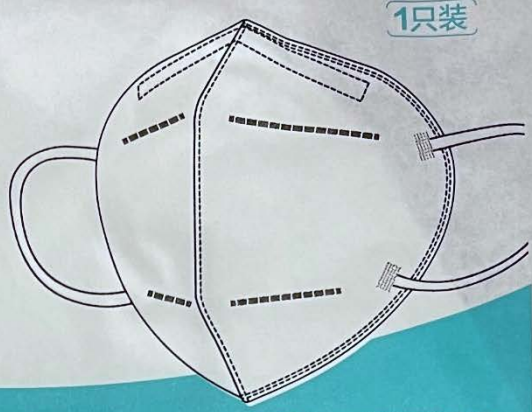
Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency (%)
1	85	12.4	12.1	12.4	87.60
2	85	20.4	8.1	8.1	91.90
3	85	15.4	5.8	5.8	94.20
4	85	19.1	13.3	13.3	86.70
5	85	14.6	12.6	12.6	87.40
6	85	13.3	11.4	11.4	88.60
7	85	14.5	12.6	12.6	87.40
8	85	16.5	13.3	13.3	86.70
9	85	19.7	12.6	12.6	87.40
10	85	17.1	13.3	13.3	86.70
Minimum Filter Efficiency: 86.70%			Maximum Filter Efficiency: 94.20%		

- 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.



生产日期 2020年04月02日
 生产批号 200401


KN95
 防护口罩 Protective Face Mask



使用说明书

【产品名称】KN95防护口罩 **【型号规格】**陆舟型
【结构及组成】由口罩体、鼻夹及口罩带组成。口罩带为弹性或非弹性材料，弹性材料为聚酯；非弹性材料为聚丙烯（PP）无纺布。
【适用范围】用于人们日常户外防护颗粒物使用。
【注意事项】
 (1) 本产品属于一次性使用产品，打开包装后应尽快使用。
 (2) 产品使用后请妥善处理；勿使用包装已破损和已失效的产品。
 (3) 毛发等物体会阻碍密合效果。
【使用说明】撕开外包装袋，取出产品。将口罩置于脸部，调整口罩使口罩盖住口鼻及下巴达到最大防护效果。
【贮存方法】应贮存在相对湿度小于80%、无腐蚀性气体及通风良好的室内。

【生产企业】青岛沃普艾斯日用品有限公司
【住所】青岛市市南区香港中路16号福泰广场A1002户
【生产地址】青岛市莱西市姜山镇海氏海诺新工业园7号
【联系方式】0632-98729778
【执行标准号】GB2626-2006
【过滤级别】GB2626-2006 KN95
【生产日期】见标识
【生产批号】见标识
【产品有效期】三年

 青岛沃普艾斯日用品有限公司
 服务热线: 400-696-1525
<http://www.opiscn.com>



产品合格证

产品名称	KN95防护口罩（非医用）
执行标准	GB2626-2006
产品尺寸	10.5*16cm
主要原料	无纺布68.75%、溶喷31.25%
产品颜色	白色
产品批号	200401
生产日期	2020年4月2日
使用周期	一次性
有效期	三年
生产厂商	青岛沃普艾斯日用品有限公司
生产地址	青岛市莱西市姜山镇海氏海诺新工业园7号
联系电话	400-696-1525
产品使用范围为	本产品不得用于发热门诊隔离病房（区）、隔离留观病房（区）手术室、隔离重症监护室等区域
本品为非医疗器械 MADE IN CHINA	



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KN95

防护口罩 | Protective Face Mask

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使用说明

【产品名称】KN95防护口罩 **【型号规格】**随弃型
【结构及组成】由口罩体、鼻梁及口罩带组成。口罩带为弹性或非弹性材料，弹性材料为氨纶；非弹性材料为聚丙烯（PP）无纺布。
【适用范围】用于人们日常户外防护颗粒物使用。
【注意事项】
 (1) 本产品属于一次性使用产品，打开包装后应尽快使用。
 (2) 产品使用后请妥善处理；勿使用包装已破损和已失效的产品。
 (3) 毛发等物体会阻碍密合效果。
【使用说明】撕开外包装袋，取出产品，将口罩置于脸部，调整口罩使口罩盖住口鼻及下颌达到最大防护效果。
【贮存方法】应贮存存在相对湿度小于80%、无腐蚀性气体及通风良好的室内。

【生产企业】青岛沃普艾斯日用品有限公司
【住所】青岛市市南区香港中路18号福泰广场A1002户
【生产地址】青岛市莱西市姜山镇海氏海诺新工业园7号
【联系方式】0532-58729778
【执行标准号】GB2626-2006
【过滤级别】GB2626-2006 KN95
【生产日期】见标识
【生产批号】见标识
【产品有效期】三年

青岛沃普艾斯日用品有限公司
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 服务热线: 400-696-1525
 沃普艾斯 <http://www.opiscn.com>

合格 6921970702357

产品合格证 检 05

产品名称	KN95防护口罩（非医用）
执行标准	GB2626-2006
产品尺寸	10.5*16cm
主要原料	无纺布68.75%、溶喷31.25%
产品颜色	白色
产品批号	200401
生产日期	2020年4月2日
使用周期	一次性
有效期	三年
生产厂商	青岛沃普艾斯日用品有限公司
生产地址	青岛市莱西市姜山镇海氏海诺新工业园7号
联系电话	400-696-1525
产品使用范围	本产品不得用于发热门诊隔离病房（区）、隔离留观病房（区）手术室、隔离重症监护室等区域
本品为非医疗器械 MADE IN CHINA	

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