

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Jiangsu Yimao Filter Material Co., Ltd.

Model Tested: 9570K

Date Tested: March 9, 2021

These findings pertain to the Jiangsu Yimao Filter Material Co., Ltd., model 9570K. 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 98.66% and 94.60%, respectively. Nine respirators measured more than 95% filter efficiency. One respirator 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: Jiangsu Yimao Filter Material Co., Ltd.

Item Tested: 9570K

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	8.5	4.81	5.40	94.60
2	85	9.0	4.46	4.88	95.12
3	85	8.6	4.59	4.82	95.18
4	85	10.0	1.20	1.34	98.66
5	85	11.1	2.72	2.80	97.20
6	85	8.3	4.42	4.54	95.46
7	85	10.7	1.61	1.69	98.31
8	85	8.9	4.43	4.61	95.39
9	85	11.0	1.49	1.59	98.41
10	85	9.3	2.55	2.82	97.18
Minimum Filter Efficiency: 94.60%			Maximum Filter Efficiency: 98.66%		

- 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.



抗菌抗病毒防护口罩 / Antibacterial and antiviral protective mask

级别: KN95
型号: 9570K

材质: YMDS70K抗菌抗病毒
执行标准: GB2626-2006

生产日期: 见封口处
有效期限: 五年

警告

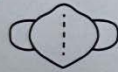
使用前口罩整体外观应无破损或污染,耳带弹性良好,鼻夹部分无破损或折断。

当感觉呼吸困难、头晕或其他不适应,请立刻离开污染区域。当口罩呼吸阻力变大时,立即更换新口罩。

不得改装、清洗、滥用和错误使用本口罩。

严重呼吸道疾病者、慢阻肺患者、心血管疾病患者及孕妇慎用本口罩。

1



两手各拉住一边耳带,使鼻夹位于口罩上方。

2



将耳带挂在耳朵上,调整耳带至较舒适的状态。

3



将双手的食指及中指由中央顶部向两旁同时按压鼻梁,直至贴紧鼻梁。

4



双手尽量遮蔽口罩并进行正压和负压测试,保证口罩的密封性

佩戴检查

正压检查:以双手轻按口罩,然后刻意呼气,空气不应从口罩边缘泄露。

(如有空气泄露,请调整鼻夹和佩戴位置至不再泄露为止。)

负压检查:以双手轻按口罩,然后刻意吸气,口罩中央应稍微凹陷。

储存要求

储存在通风良好、避光及干燥环境中,远离火源与污染。

储存温度: $-30^{\circ}\text{C} \sim 40^{\circ}\text{C}$

储存湿度: 相对小于80%



运营商: 广东呼然健康科技有限公司
微信公众号: huran-live
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制造商: 江苏亿茂滤材有限公司出品
地址: 江苏省宿迁市宿城经济技术开发区



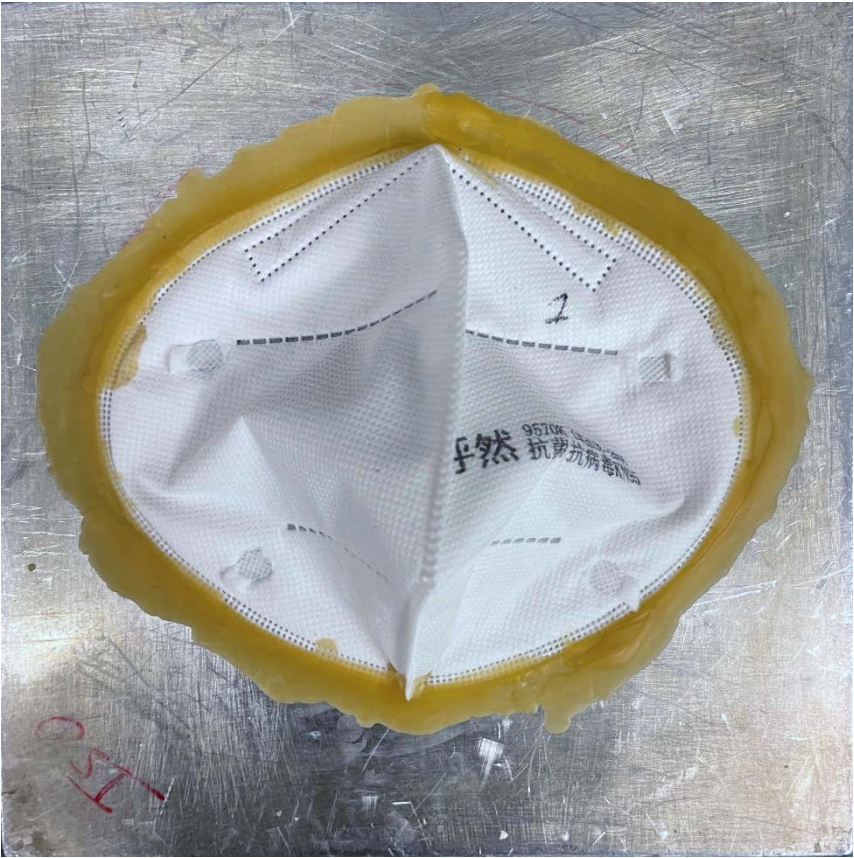
www.huran.live



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