

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Jiangsu Yimao Filter Media Co., Ltd.

Model Tested: 9570K

Date Tested: May 26, 2020

These findings pertain to the Jiangsu Yimao Filter Media Co., Ltd., model 9570K. The labeling 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 99.58% and 99.38%, 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 respirator's 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:** May 26, 2020

**Report Prepared:** May 27, 2020

**Manufacturer:** Jiangsu Yimao Filter Media Co., Ltd.

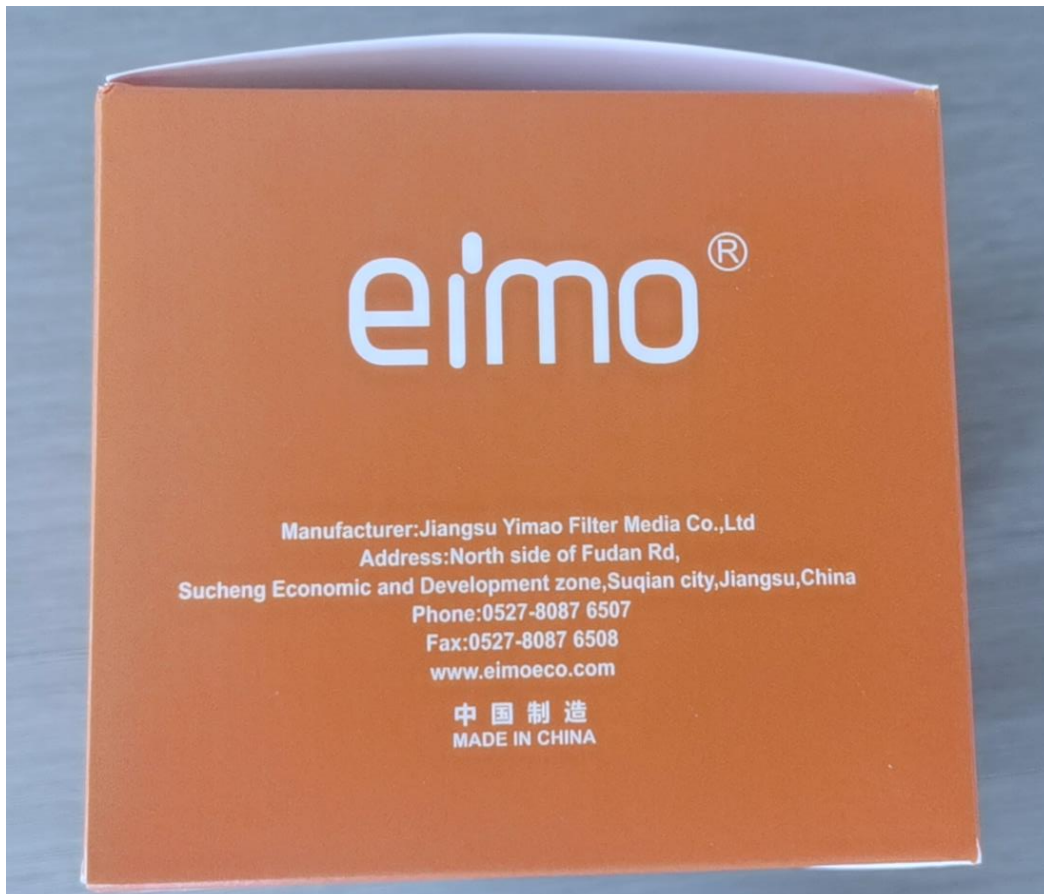
**Item Tested:** 9570K

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

Pictures have been added to the end of this report.


Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	11.1	0.47	0.57	99.43
2	85	11.7	0.32	0.42	99.58
3	85	11.5	0.48	0.51	99.49
4	85	12.4	0.48	0.53	99.47
5	85	10.0	0.46	0.62	99.38
6	85	11.6	0.42	0.48	99.52
7	85	12.1	0.54	0.55	99.45
8	85	11.5	0.41	0.44	99.56
9	85	12.0	0.40	0.49	99.51
10	85	12.4	0.48	0.49	99.51
<b>Minimum Filter Efficiency: 99.38</b>			<b>Maximum Filter Efficiency: 99.58</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.




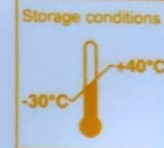











高效低阻防护口罩

High efficient & low resistant Respirator

Product information	Filter Rating: KN95 Model number: 9570K Material: Ultra fine melt blown Standard: GB2626-2006 Term of validity: 3 years Production date: see the seal	Storage requirements	Store in a well ventilated, dark and dry environment, away from fire and pollution. <b>Storage temperature</b> : -30°C~40°C <b>Storage humidity</b> : relatively less than 80%
Wear check	Positive pressure test: gently press the mask with both hands, then deliberately exhale, the air should not leak from the edge of the mask.  Negative pressure check: gently press the mask with both hands, then breathe in deliberately, the center of the mask should be slightly sunken. (if there is air leakage: please adjust the position of the nose clip and wear until there no more leakage.)	Relative humidity	Storage conditions
			

Fitting instruction	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>1 Hold one ear band in each hand so that the nose clip is over the mask.</p> </div> </div>
	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>2 Hang the ear strap on the ear and adjust the ear strap to a more comfortable position.</p> </div> </div>
	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>3 Press both index and middle fingers from the top of the center to the sides of the nose at the same time until they are close to the bridge of the nose.</p> </div> </div>
	<div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>4 Cover the mask with both hands and test the positive and negative pressure to ensure the seal of the mask.</p> </div> </div>



**caveat**

The overall appearance of the mask should be free from damage or contamination, the ear band is elastic, and the nose clip is free from damage or breakage.

If you feel difficulty breathing, dizziness or other discomfort, leave the contaminated area immediately. Replace the mask as soon as breathing resistance becomes greater.


Do not modify, clean, abuse or misuse the mask.


Patients with severe respiratory diseases, copd, cardiovascular diseases and pregnant women should use this mask with caution.

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