

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Jiangsu Yimao Filter Media Co., Ltd.

Model Tested: 9570K

Date Tested: June 11, 2020

These findings pertain to the Jiangsu Yimao Filter Media 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).

Thirty respirators were submitted for evaluation. The respirators were sampled into groups of ten 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 99.64% and 98.65%, respectively. All thirty 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: June 11, 2020

Report Prepared: June 11, 2020

Manufacturer: Jiangsu Yimao Filter Media Co., Ltd.

Item Tested: 9570K (Sample Group 1 of 3)

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	7.1	0.31	1.00	99.00
2	85	8.2	0.31	0.84	99.16
3	85	8.6	0.60	0.85	99.15
4	85	10.1	0.53	0.98	99.02
5	85	11.1	0.30	0.42	99.58
6	85	10.4	0.34	0.42	99.58
7	85	12.1	0.30	0.56	99.44
8	85	10.5	0.33	0.42	99.58
9	85	10.1	0.38	0.48	99.52
10	85	13.0	0.33	0.56	99.44
Minimum Filter Efficiency: 99.00			Maximum Filter Efficiency: 99.58		

- 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

Test: Modified TEB-APR-STP-0059

Date Tested: June 11, 2020

Report Prepared: June 11, 2020

Manufacturer: Jiangsu Yimao Filter Media Co., Ltd.

Item Tested: 9570K (Sample Group 2 of 3)

Country of Certification: China (GB2626-2006)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH₂O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
11	85	7.4	0.26	0.83	99.17
12	85	10.7	0.28	0.54	99.46
13	85	9.8	0.35	0.91	99.09
14	85	10.4	0.27	0.59	99.41
15	85	9.9	0.39	0.81	99.19
16	85	8.2	0.43	1.04	98.96
17	85	12.3	0.34	0.44	99.56
18	85	12.4	0.28	0.36	99.64
19	85	11.4	0.41	0.51	99.49
20	85	12.9	0.47	0.72	99.28
Minimum Filter Efficiency: 98.96			Maximum Filter Efficiency: 99.64		

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NPPTL COVID-19 Response: International Respirator Assessment

Test: Modified TEB-APR-STP-0059

Date Tested: June 11, 2020

Report Prepared: June 11, 2020

Manufacturer: Jiangsu Yimao Filter Media Co., Ltd.

Item Tested: 9570K (Sample Group 3 of 3)

Country of Certification: China (GB2626-2006)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
21	85	8.2	0.30	0.74	99.26
22	85	11.0	0.30	0.58	99.42
23	85	8.5	0.80	1.15	98.85
24	85	12.2	0.33	0.64	99.36
25	85	8.3	0.91	1.35	98.65
26	85	8.7	0.67	0.98	99.02
27	85	9.9	0.40	0.56	99.44
28	85	10.1	0.37	0.48	99.52
29	85	10.0	0.57	1.05	98.95
30	85	13.2	0.42	0.58	99.42
Minimum Filter Efficiency: 98.65			Maximum Filter Efficiency: 99.52		

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9VB-0009676-6 06/10/20 BRB
View of the labeling on the inner boxes.



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高效低阻防护口罩
High efficient & low resistant Respirator


KN95 9570K 1 pcs white

非医用口罩
(Non-Medical Mask)

NPPTL COVID-19 Response: International Respirator Assessment


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. Storage temperature: -30°C~40°C Storage humidity: 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.)		<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Relative humidity  <80% </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Storage conditions  -30°C ~ +40°C </div> </div>								
Fitting instruction	<div style="border: 1px dashed gray; padding: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center; vertical-align: middle;">  1 </td> <td>Hold one ear band in each hand so that the nose clip is over the mask.</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">  2 </td> <td>Hang the ear strap on the ear and adjust the ear strap to a more comfortable position.</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">  3 </td> <td>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.</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">  4 </td> <td>Cover the mask with both hands and test the positive and negative pressure to ensure the seal of the mask.</td> </tr> </table> </div>			 1	Hold one ear band in each hand so that the nose clip is over the mask.	 2	Hang the ear strap on the ear and adjust the ear strap to a more comfortable position.	 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.	 4	Cover the mask with both hands and test the positive and negative pressure to ensure the seal of the mask.
 1	Hold one ear band in each hand so that the nose clip is over the mask.										
 2	Hang the ear strap on the ear and adjust the ear strap to a more comfortable position.										
 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.										
 4	Cover the mask with both hands and test the positive and negative pressure to ensure the seal of the mask.										



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.

Manufacturer: Jiangsu Yimao Filter Media Co., Ltd
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 www.eimoeco.com

中国制造

MADE IN CHINA

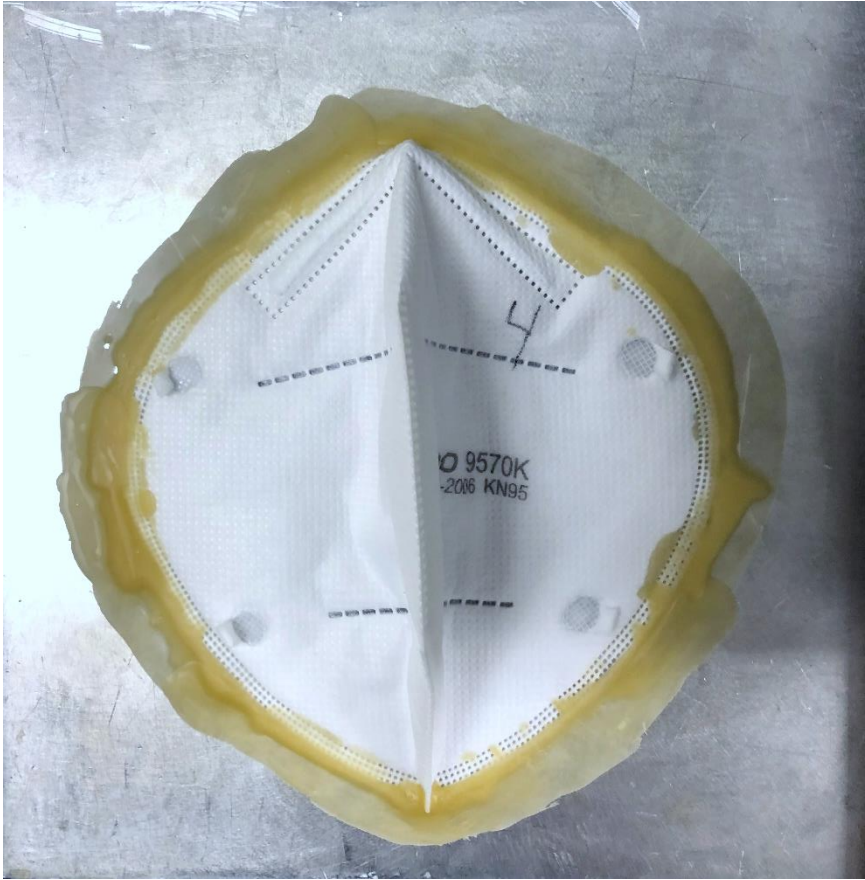



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