NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Jiaxing Furuibang New Material Technology Co., Ltd.

Model Tested: MC 950V

Date Tested: September 22, 2020

These findings pertain to the Jiaxing Furuibang New Material Technology Co., Ltd., model MC 950V. The packaging for this product indicates that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator) and EN149:2001+A1:2009 (the European standard for Respiratory Protective Devices – Filtering Half Masks to Protect Against Particles – Requirements, Testing, Marking)..

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 96.99% and 95.39%, 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 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 <u>Crisis Capacity Strategies (during known shortages)</u>.

Evaluation of International Respirators



Pictures have been added to the

end of this report.

Test: Modified TEB-APR-STP-0059

Date Tested: September 22, 2020

Report Prepared: September 22, 2020

Manufacturer: Jiaxing Furuibang New Material Technology Co., Ltd.

Item Tested: MC 950V

Country of Certification: China (GB2626-2006), European (EN149:2001+A1:2009)

Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH₂O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency (%)
1	85	6.4	3.10	3.47	96.53
2	85	6.1	2.80	3.13	96.87
3	85	4.9	3.02	3.89	96.11
4	85	7.8	3.35	3.52	96.48
5	85	6.4	2.72	3.01	96.99
6	85	5.9	3.36	3.56	96.44
7	85	7.6	3.91	3.91	96.09
8	85	7.3	4.57	4.57	95.43
9	85	5.4	3.77	4.13	95.87
10	85	5.8	4.47	4.61	95.39
Ŋ	Minimum Filter Effi	ciency: 95.39%	Maximum Filter Efficiency: 96.99%		

- 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.





产品合格证

Product Certification

产品名称: 低阻力纳米静电纤维防护口罩(非医用)

Product Name: Nano Electrostatic Fiber Respirator With Low

Respiratory Resistance (Non-medical)

执行标准: GB 2626-2006 EN 149:2001+A1: 2009

Executive Standard: GB 2626-2006 EN 149: 2001 + A1: 2009

原 材 料: 无纺布38.20%, 熔喷布20.20%, 热风棉22.60%, 耳

带9.40%,鼻梁条9.60%

Raw materials: 38.2% non-woven fabric, 20.20% melt-blown fabric,

22.6% hot air cotton, 9.40% ear strap, 9.60% bridge of nose

生产商 (Manufacturer): 嘉兴富瑞邦新材料科技有限公司

地址(Address): 嘉兴市平湖市红星路258号

生产批次: 200510

Production Batch: 200510

型号规格: MC 950V

Model: MC 950V

产品包装: 5只/袋

Package: 5pcs/bag

生产日期: 2020年5月10日

Production Date: May 10, 2020

有效期:5年

Shelf Life: 5year

检验员代号: A01

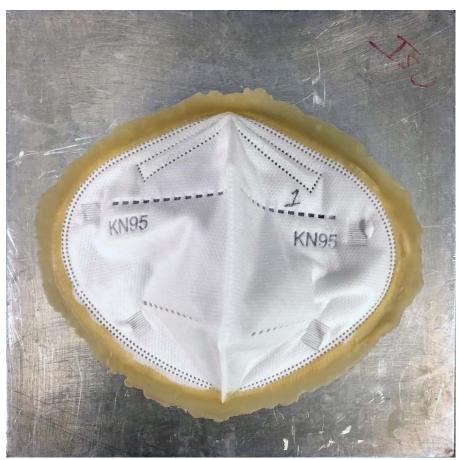
Inspector Code: A01





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