

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)..

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 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 [Crisis Capacity Strategies \(during known shortages\)](#).

Evaluation of International Respirators

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)

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	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
Minimum Filter Efficiency: 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.





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使用说明 INSTRUCTIONS



密封性检验 LEAK TEST

正压测试: 双手按住口罩, 用力呼气, 空气不从口罩边缘泄漏。
Press the mask with hands and exhale forcefully, the air should not leak from the edge of the mask
负压测试: 双手按住口罩, 用力吸气, 口罩中央部分陷下。
Press the mask with hands and inhale forcefully, the center of the mask should partially sink.
如有空气泄漏, 须调整鼻尖夹头带位置不在泄漏为止。
Adjust the position of the nose clip and headband if the air leakage happens.

产品基本信息 PRODUCT BASIC INFORMATION

产品名称: 低阻力纳米静电纤维防护口罩
NANO ELECTROSTATIC FIBROUS RESPIRATOR WITH LOW AIR RESISTANCE
型号: MC 950V Model: MC 950V
主要原材料: 内层-无纺布, 外层-无纺布, 过滤层-高静电纤维材料
Main raw materials: inner and outer layer—nonwovens, middle filtration layer—highly static fibrous materials
产品包装: 5枚/袋 Package: 5 pcs/bag
执行标准: 符合国家标准 GB2626-2006级别 KN95
有效期: 5年 Shelf life: 5 years
生产日期: 见封口处 Production date: see the seal

储存要求 STORAGE REQUIREMENTS

- ◎ 储存在通风良好、避光及干燥环境中, 远离火源与污染。
Store in a well-ventilated, dark, and dry environment away from fire and pollution.
- ◎ 存储温度: 小于40°C, 相对湿度不大于80%。
Storage temperature should be less than 40°C, and the relative humidity should be less than 80%.

生产商: 嘉兴富瑞邦新材料科技有限公司
地址: 嘉兴市平湖市红星路258号

注意事项:
Attention:
使用前口罩外观应无破损或污染, 鼻夹部分无破损或折断, 耳带弹性良好。
The appearance of the mask should be free from damage or contamination, the nose clip part should not be broken, and the ear band should be elastic.
佩戴前应按照佩戴方式指示做佩戴气密性检查, 保证口罩的密封性。
Please check the air tightness test before wearing according to the wearing instructions to ensure the tightness of the mask.
防雾霾口罩不可水洗, 不得改装, 滥用和错误使用本口罩。
The anti-smoke mask cannot be washed, and it must not be modified, abused, or used incorrectly.
心血管疾病、呼吸道疾病、慢阻肺患者及孕妇慎用本口罩。
Cardiovascular diseases, respiratory diseases, COPD patients and pregnant women use this mask with caution.



MADE IN CHINA

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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