

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Nano Filter Inc.

Model Tested: 0401B

Date Tested: March 9, 2021

These findings pertain to the Nano Filter Inc., model 0401B. The information submitted with this product does not indicate what standard this product meets.

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 98.42% and 96.82%, respectively. All ten respirators measured more than 95%.

NIOSH does not have knowledge about the sustained manufacturer quality system and product quality control for this product. 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:** Nano Filter Inc.

**Item Tested:** 0401B

**Country of Certification:** UNKNOWN

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	14.2	3.18	3.18	96.82
2	85	15.5	1.88	1.88	98.12
3	85	15.9	1.70	1.70	98.30
4	85	15.5	2.07	2.07	97.93
5	85	15.0	1.98	1.98	98.02
6	85	14.9	1.64	1.64	98.36
7	85	14.6	2.07	2.07	97.93
8	85	14.8	1.58	1.58	98.42
9	85	16.3	1.86	1.86	98.14
10	85	16.2	1.74	1.74	98.26
<b>Minimum Filter Efficiency: 96.82%</b>			<b>Maximum Filter Efficiency: 98.42%</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.

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FDA-Cleared  
**Surgical Mask**

**10 MASKS**  
 COLOR: **BLACK**  
 SIZE: **REGULAR**

Model 0401B

**“Breathe the Difference!”**




- Lightweight and breathable for all-day comfort
- Features innovative, proprietary nonwoven material
- Tri-fold design; light and thin, yet durable
- Nose clip for secure fit and seal
- Elastic ear loops for comfort

**Powerful Protection. Lightweight Comfort.**

PureMSK combines innovative technology with American manufacturing and thoughtful design to create an effective disposable mask that is also lightweight and comfortable.

PureMSK.  
 Breathe the Difference!

PureMSK Standard Model 0401

**FDA-Cleared Surgical Mask**

PureMSK uses innovative design and materials to create an FDA-cleared surgical mask that offers superior comfort and efficiency, even after 24 hours of use. Featuring innovative nonwoven material, PureMSK offers unparalleled breathability and efficiency.

PureMSK Standard features a tri-fold design that keeps the mask away from your mouth and wraps around your chin for a good seal. Elastic ear loops ensure PureMSK goes on quickly and stays secure. And at 4.4g, PureMSK is lighter than a sheet of paper so you won't even notice you're wearing it.

**HOW TO WEAR A MASK**

1. Place the mask over the bridge of your nose and beneath your chin. 
2. Hook each strap around the back of your ears for a secure and comfortable fit. 
3. Press and form the nose piece firmly with both hands so that mask molds to the contours of the upper part of your face. 
4. With both hands, adjust to fit the lower half of the face, to ensure minimal air leakage. 

SPECIFICATIONS	
Brand	PureMSK
Model(s)	0401B; 0401W
FDA Cleared	Yes
Product Color(s)	Black (0401B); White (0401W)
Product Type	Surgical Mask
Size	Regular
Natural Rubber Latex Components	No
Storage	-4°F to +84°F

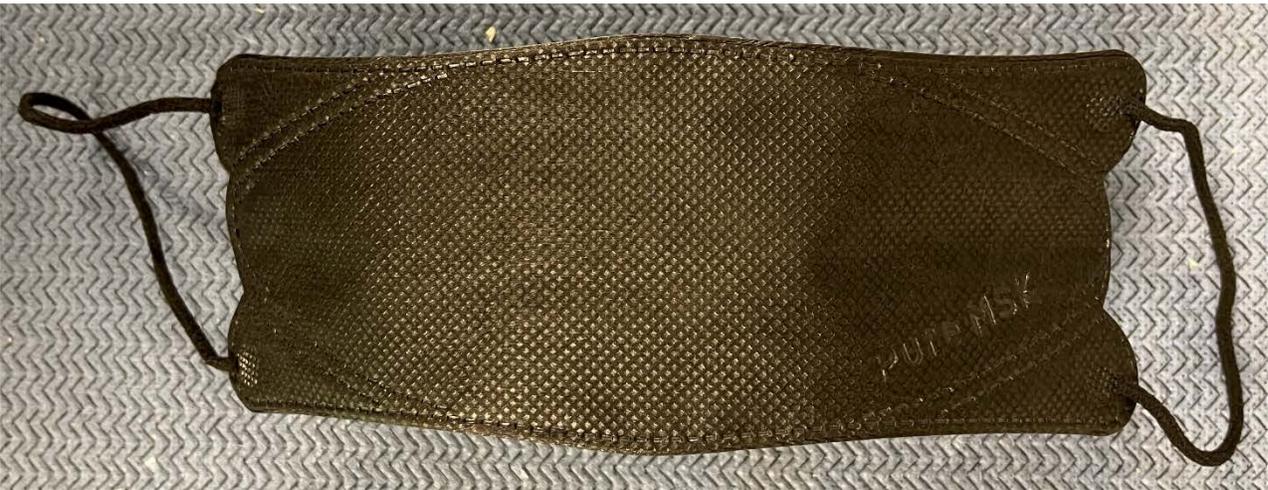
**DISCLAIMER**  
 This face mask is not a replacement for medical-grade personal protective equipment. No warranty is either expressed or implied that this mask prevents infection or transmission of viruses or diseases, of airborne particles, or is suitable for a particular use. Manufacturer shall not be liable for use or misuse of masks or otherwise. The decision to use masks is entirely your own.

PureMSK.  
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 855-778-7367 | www.pure-msk.com



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