

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Zhangjiagang Meijie Commodity Co., Ltd

Model Tested: MJ-N02A

Date Tested: April 21, 2020

These findings pertain to the Zhangjiagang Meijie Commodity Co., Ltd., model MJ-N02A (Particulate Respirator). 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](#).

A certificate of testing was provided with the samples received; however, the authenticity of the claims could not be validated.

The maximum and minimum filter efficiency was 99.47% and 98.55%, 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: April 21, 2020

Report Prepared: April 21, 2020

Manufacturer: Zhangjiagang Meijie Commodity Co., Ltd

Item Tested: MJ-N02A (Particulate Respirator)

Country of Certification: China (Chinese Standard 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	12.0	0.549	0.567	99.43
2	85	11.8	0.709	0.759	99.24
3	85	12.1	0.640	0.667	99.33
4	85	12.0	0.549	0.571	99.43
5	85	12.1	0.681	0.693	99.31
6	85	12.2	0.590	0.532	99.47
7	85	12.2	0.733	0.741	99.26
8	85	11.6	1.310	1.450	98.55
9	85	12.1	0.609	0.673	99.33
10	85	12.1	0.581	0.595	99.41
Minimum Filter Efficiency: 98.55			Maximum Filter Efficiency: 99.47		

- 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.



Particulate Respirator

Product Description

This product adopts three-dimensional folding design, which can fit well with the face, and has better protection effect

Product Function

It Can effectively filter harmful substances in the air, such as: PM2.5, exhaust, dust, bacteria and so on

Note

If the product is damaged or contaminated, please replace it in time.
This product cannot be used in anoxic environment

- 01 Face the laminated surface of mask, keep the nose wire above the mask, and then hold the earloop in each hand to make the mask opened.
- 02 Against your chin with the lower side of the mask.
- 03 Pull the earloop to the ear and adjust the earloop to feel as comfortable as possible.
- 04 Put your fingers in the middle of the nose wire, and move your fingertips along the side of your nose until the nose wire is completely pressed into the shape of the nose .

Instructions and Steps



Product Name:Particulate Respirator

Texture of Material:Non-woven fabric, KN95 Melt-blown fabric, Hot air cotton, Composite nose wire, Chemical fiber earloop

Executive standard:GB 2626-2006

Packaging:10 Pcs

Model:MJ-N02A

Country of Origin:ZHANGJIAGANG · CHINA

Term of Validity:36M

ZHANGJIAGANG MEIJIE COMMODITY CO.,LTD

Add.No.15,Guotai Road(N),Zhangjiagang City

Tel:0086-512-56799118 56799128

Fax:0086-512-56799108

E-mail:zjgmeijie@163.com

Website:www.mecci.net

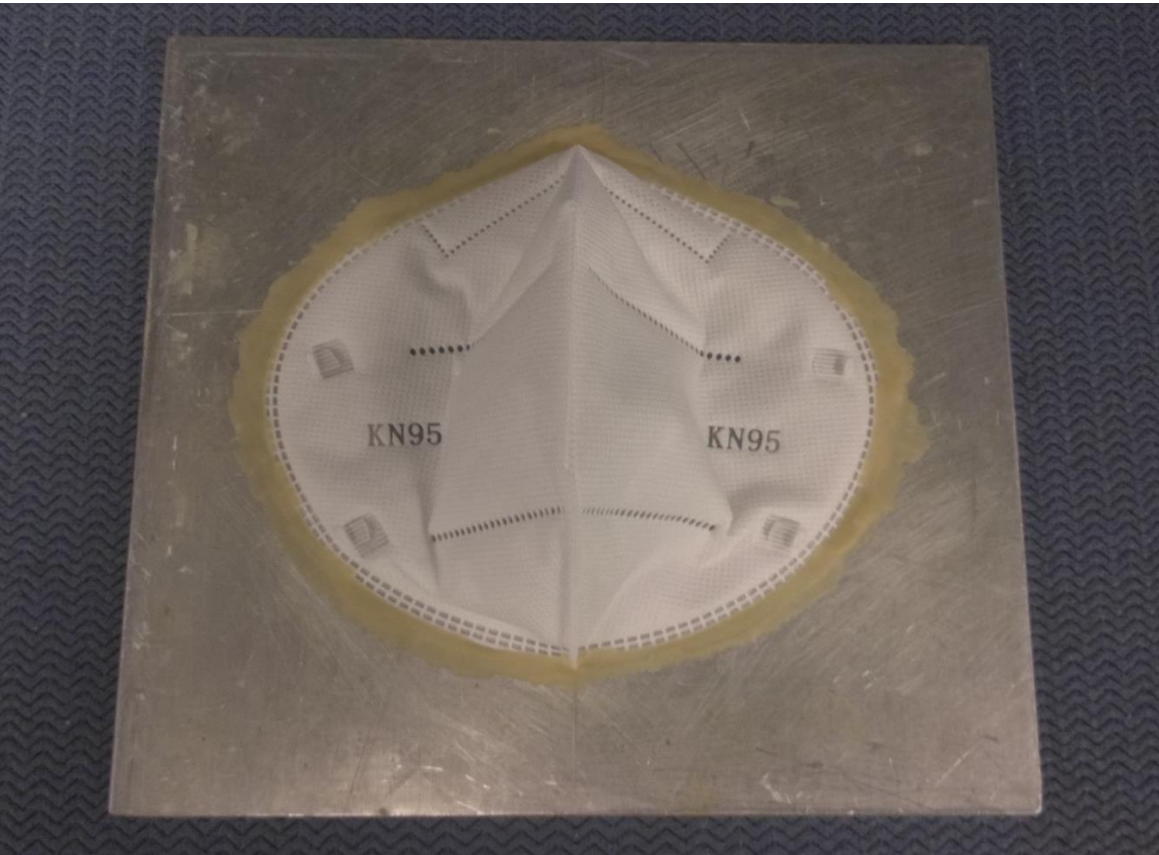
Made in china



NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment

