

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Xiamen Probtain Medical Technology Co., Ltd.

Model Tested: Greencare KN95 mask

Date Tested: August 31, 2020

These findings pertain to the Xiamen Probtain Medical Technology Co., Ltd., model Greencare KN95 mask. The packaging 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](#).

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 99.45% and 98.90%, 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: August 31, 2020

Report Prepared: August 31, 2020

Manufacturer: Xiamen Probtain Medical Technology Co., Ltd.

Item Tested: Greencare KN95 mask

Country of Certification: China (GB2626-2006)

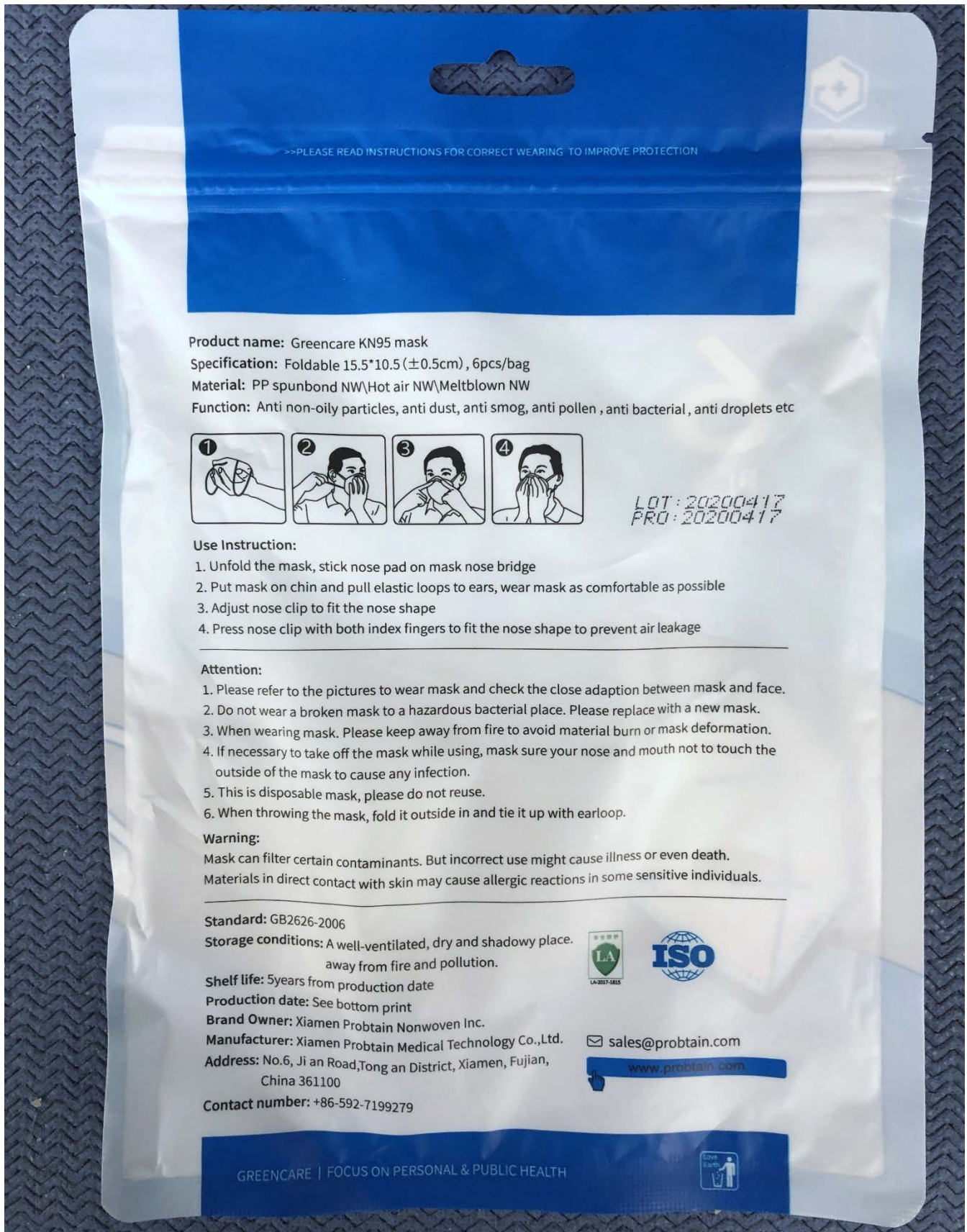
Pictures have been added to the end of this report.

Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH ₂ O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency (%)
1	85	19.8	0.76	0.76	99.24
2	85	17.8	0.78	0.78	99.22
3	85	16.0	0.63	0.63	99.37
4	85	18.9	0.70	0.70	99.30
5	85	21.4	1.10	1.10	98.90
6	85	16.4	0.55	0.55	99.45
7	85	19.3	0.85	0.85	99.15
8	85	23.2	1.00	1.00	99.00
9	85	20.8	0.88	0.88	99.12
10	85	23.6	0.93	0.93	99.07
Minimum Filter Efficiency: 98.90%			Maximum Filter Efficiency: 99.45%		

- 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



--PLEASE READ INSTRUCTIONS FOR CORRECT WEARING TO IMPROVE PROTECTION

Product name: Greencare KN95 mask
Specification: Foldable 15.5*10.5 (±0.5cm), 6pcs/bag
Material: PP spunbond NW\Hot air NW\Meltblown NW
Function: Anti non-oily particles, anti dust, anti smog, anti pollen, anti bacterial, anti droplets etc



LOT: 20200417
PRO: 20200417

Use Instruction:

1. Unfold the mask, stick nose pad on mask nose bridge
2. Put mask on chin and pull elastic loops to ears, wear mask as comfortable as possible
3. Adjust nose clip to fit the nose shape
4. Press nose clip with both index fingers to fit the nose shape to prevent air leakage

Attention:

1. Please refer to the pictures to wear mask and check the close adaption between mask and face.
2. Do not wear a broken mask to a hazardous bacterial place. Please replace with a new mask.
3. When wearing mask. Please keep away from fire to avoid material burn or mask deformation.
4. If necessary to take off the mask while using, mask sure your nose and mouth not to touch the outside of the mask to cause any infection.
5. This is disposable mask, please do not reuse.
6. When throwing the mask, fold it outside in and tie it up with earloop.

Warning:

Mask can filter certain contaminants. But incorrect use might cause illness or even death.
Materials in direct contact with skin may cause allergic reactions in some sensitive individuals.

Standard: GB2626-2006

Storage conditions: A well-ventilated, dry and shadowy place.
away from fire and pollution.

Shelf life: 5years from production date

Production date: See bottom print

Brand Owner: Xiamen Probtain Nonwoven Inc.

Manufacturer: Xiamen Probtain Medical Technology Co.,Ltd.

Address: No.6, Ji an Road,Tong an District, Xiamen, Fujian,
China 361100

Contact number: +86-592-7199279



sales@probtain.com

www.probtain.com

GREENCARE | FOCUS ON PERSONAL & PUBLIC HEALTH





NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment

