

## NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Foshan Flying Medical Products Co., Ltd.

Model Tested: KFT-02

Date Tested: September 10, 2020

These findings pertain to the Foshan Flying Medical Products Co., Ltd., model KFT-02. There is no indication on the packaging or labeling what standard this product meets.

Thirty 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 99.40% and 98.20%, respectively. All thirty respirators measured more than 95%.

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 10, 2020

**Report Prepared:** September 11, 2020

**Manufacturer:** Foshan Flying Medical Products Co., Ltd

**Item Tested:** KFT-02

**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	15.2	0.99	0.99	99.01
2	85	13.8	1.66	1.66	98.34
3	85	11.5	1.11	1.11	98.89
4	85	11.7	1.25	1.25	98.75
5	85	16.0	0.82	0.82	99.18
6	85	12.8	0.77	0.77	99.23
7	85	13.6	1.07	1.07	98.93
8	85	13.7	1.41	1.41	98.59
9	85	14.0	0.91	0.91	99.09
10	85	16.6	0.60	0.60	99.40
<b>Minimum Filter Efficiency: 98.34</b>			<b>Maximum Filter Efficiency: 99.40</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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Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
11	85	15.2	1.50	1.50	98.50
12	85	14.7	1.33	1.33	98.67
13	85	16.5	1.28	1.28	98.72
14	85	15.0	1.80	1.80	98.20
15	85	13.6	1.24	1.24	98.76
16	85	12.3	1.07	1.07	98.93
17	85	16.8	1.53	1.53	98.47
18	85	17.3	0.85	0.85	99.15
19	85	15.4	0.92	0.92	99.08
20	85	14.3	1.41	1.41	98.59
<b>Minimum Filter Efficiency: 98.20</b>			<b>Maximum Filter Efficiency: 99.15</b>		

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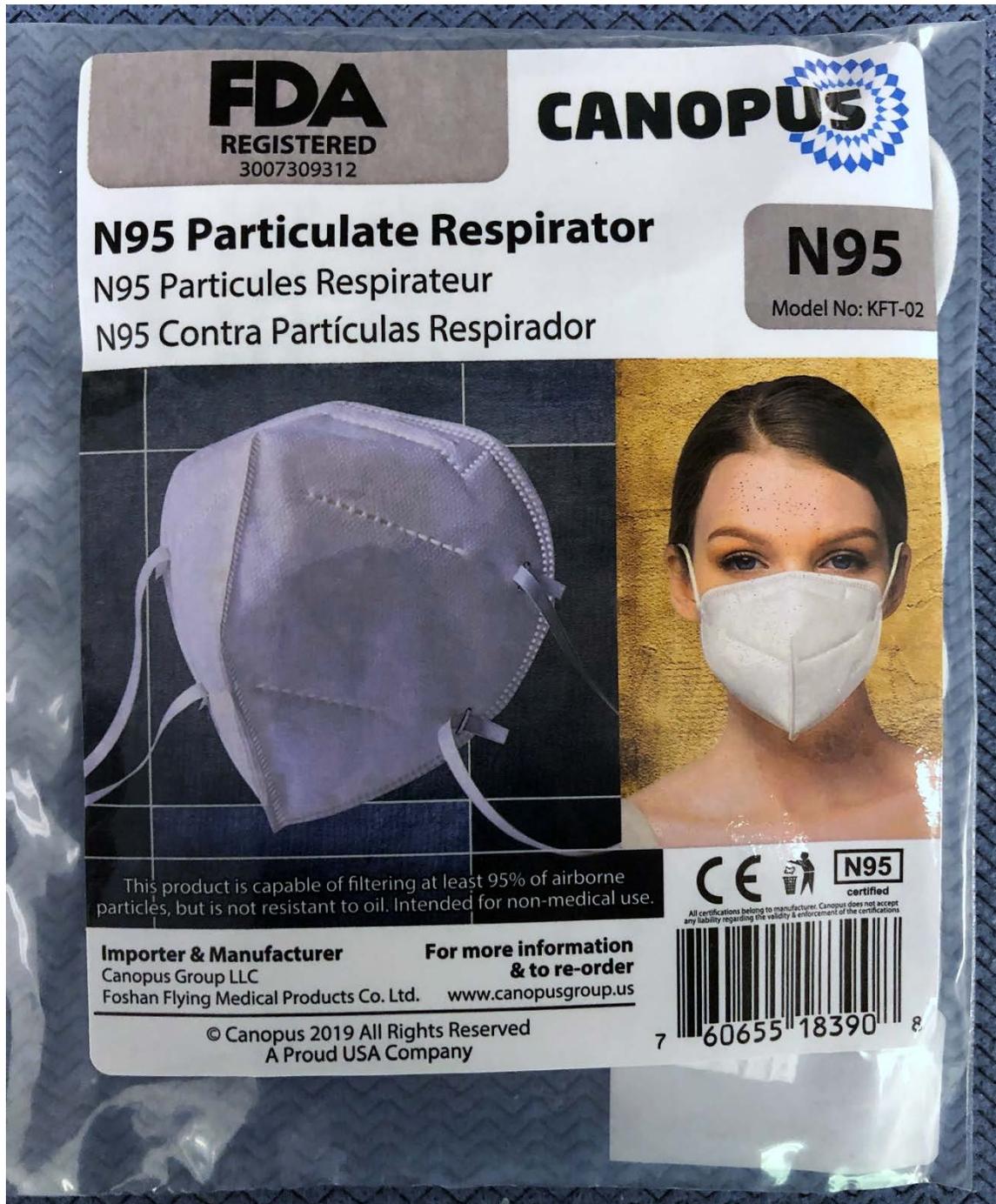
**Manufacturer:** Foshan Flying Medical Products Co., Ltd

**Item Tested:** KFT-02

**Country of Certification:** UNKNOWN

Filter	Flow Rate (LPM)	Initial Filter Resistance (mmH <sub>2</sub> O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
21	85	12.0	1.37	1.37	98.63
22	85	12.6	1.17	1.17	98.83
23	85	14.7	1.08	1.08	98.92
24	85	11.4	1.37	1.37	98.63
25	85	15.1	1.23	1.23	98.77
26	85	13.8	1.60	1.60	98.40
27	85	12.2	1.18	1.18	98.82
28	85	14.8	0.92	0.92	99.08
29	85	12.6	1.19	1.19	98.81
30	85	11.9	1.04	1.04	98.96
<b>Minimum Filter Efficiency: 98.40</b>			<b>Maximum Filter Efficiency: 99.08</b>		

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**FDA**  
REGISTERED  
3007309312

**CANOPUS**

**N95 Particulate Respirator**  
N95 Particules Respirateur  
N95 Contra Partículas Respirador

**N95**  
Model No: KFT-02



This product is capable of filtering at least 95% of airborne particles, but is not resistant to oil. Intended for non-medical use.

**CE**  **N95**  
certified

All certifications belong to manufacturer. Canopus does not accept any liability regarding the validity & enforcement of the certifications.

**Importer & Manufacturer**      **For more information & to re-order**  
Canopus Group LLC  
Foshan Flying Medical Products Co. Ltd.      [www.canopusgroup.us](http://www.canopusgroup.us)

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## IMPORTANT

Before use, wearer must read and understand these *User Instructions*. Keep *User Instructions* for reference.

### Use For

Particles such as those from grinding, sanding, sweeping, sawing, bagging, or processing minerals, coal, iron ore, flour, metal, wood, pollen, airborne bacteria/virus and certain other substances.

### Do Not Use For

Do not use for gases and vapors, oil aerosols, asbestos, or sandblasting; particulate concentrations that exceed either 10 times the occupational exposure limit or applicable government regulations, whichever is lower.

### Fitting Instructions:

Must be followed each time respirator is worn.

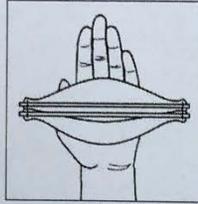


Fig.  
1

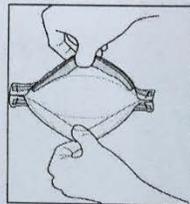


Fig.  
2

**!WARNING!**  
N95 masks provide exceptional filtration. It is normal that breathing becomes harder while wearing the mask.



Fig.  
3a

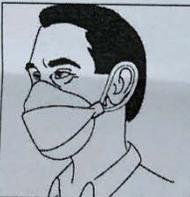


Fig.  
3b

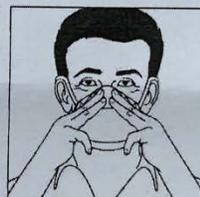


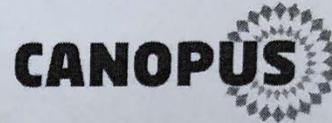
Fig.  
4



Fig.  
5

1. Remove respirator from packaging and position the respirator in your hands with the nose piece at your fingertips(1a). Open bot panels, straps should separate when panels are open(2).
  2. Cup the respirator in your hand allowing the straps to hang below your hand. Hold the respirator under your chin with the nose-piece up.
  3. Place respirator on your face so that the foam rests on your nose and the bottom panel is open under chin. Pull one of the straps over your ear and (3a). Repeat for the other strap(3b). Adjust for a comfortable fit by pulling top panel toward the bridge of the nose and bottom panel under chin.
  4. Place your fingertips from both hands at the top of the metal nose clip. Slide fingertips down both sides of the metal strip to mold the nose area to the shape of your nose (4).
- ! Use both hands to pinch the mask. Using only one hand may result in improper fit
5. Perform a User Seal Check prior to each wearing. To check the respirator-to-face seal, place both hands over the respirator, take a quick breath in to check whether the respirator seals tightly to the face. Then exhale. If you feel leakage, there is not a proper seal. If air leaks around the nose, readjust the nose-piece as described. If you cannot achieve a proper seal due to air leakage, ask for help

FDA certification and N95 test results are available upon request.  
Please contact us at [info@canopusgroup.us](mailto:info@canopusgroup.us) or visit [www.canopusgroup.us](http://www.canopusgroup.us)



Dear Friends,

We have faced a crisis like never before. Our lives changed in a matter of days. Under these conditions our doctors and essential workers are trying to hold up the system to the best of their abilities.

We, as Canopus Group have been trying to stay operational and serve your needs during such dire circumstances. Our supply lines are broken, stocks are thin, and colleagues are tired from over working for the last few weeks.

Yet, we are proud to be supplying you a such needed face mask when people can't find proper protection anywhere. Our products are FDA Registered, and tested.

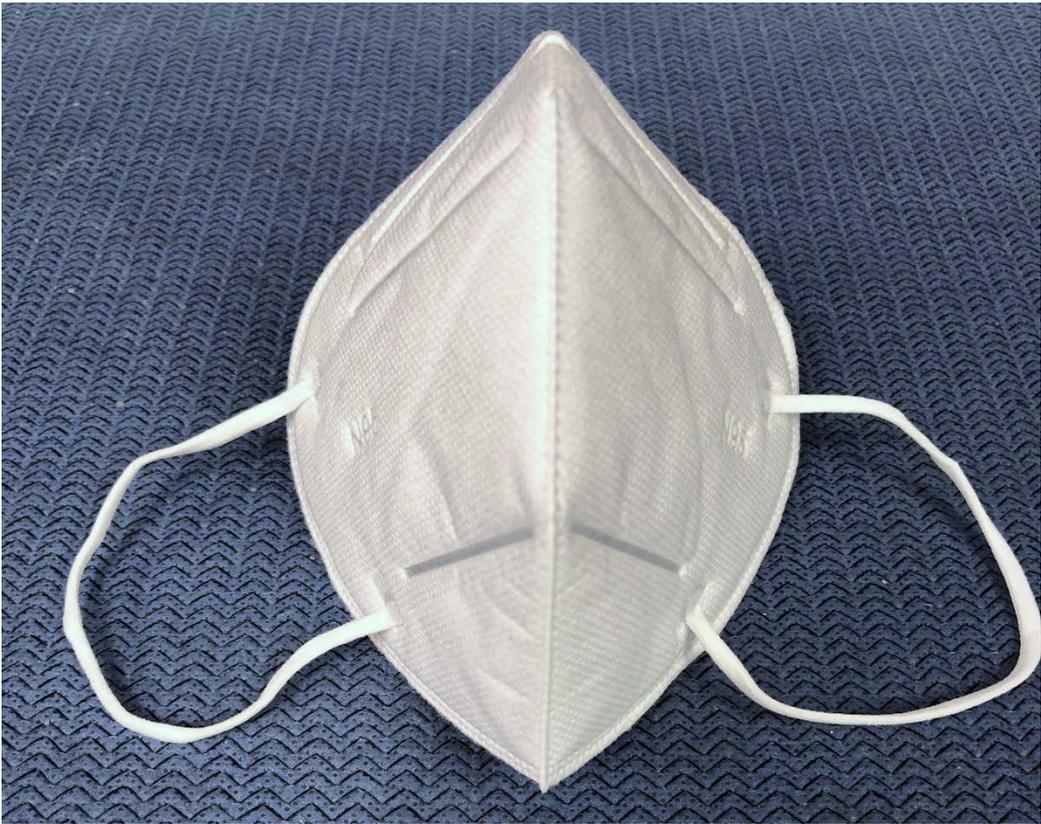
We would love to offer these masks for a lot cheaper or even donate them to you, but the market prices for source materials have skyrocketed due to high demand, shipping and air-cargo options have quadrupled due to plane cancellations and our income lines have diminished since most of our business customers are out of business.

We would like to thank you again for your purchase, we will allocate portion of these income and donate them to our doctors.

We will get through this, stay safe.  
Best Regards from Long Beach, California

*Kagan Adair*  
CEO

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