NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Shandong Daddy's Choice Health Science and Technology Co., Ltd.
Model Tested: Purism KN95 Protective Face Mask
Date Tested: June 3, 2020

These findings pertain to the Shandong Daddy's Choice Health Science and Technology Co., Ltd., Purism KN95 Protective Face 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 98.91% and 96.12%, 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)](https://www.cdc.gov/epo/dhswcd/cpdp/crisis_capacity.html).
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**Evaluation of International Respirators**

**Test:** Modified TEB-APR-STP-0059

**Date Tested:** June 3, 2020

**Report Prepared:** June 3, 2020

**Manufacturer:** Shandong Daddy's Choice Health Science and Technology Co., Ltd.

**Item Tested:** Purism KN95 Protective Face Mask

**Country of Certification:** China (GB2626-2006)

<table>
<thead>
<tr>
<th>Filter</th>
<th>Flow Rate (Lpm)</th>
<th>Initial Filter Resistance (mmH₂O)</th>
<th>Initial Percent Leakage (%)</th>
<th>Maximum Percent Leakage (%)</th>
<th>Filter Efficiency</th>
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<tbody>
<tr>
<td>1</td>
<td>85</td>
<td>12.0</td>
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<td>2</td>
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<td>3</td>
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<td>2.13</td>
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Minimum Filter Efficiency: 96.12  Maximum Filter Efficiency: 98.91

- 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.

Pictures have been added to the end of this report.
NPPTL COVID-19 Response: International Respirator Assessment
1. Wash your hands before wearing a mask or keep your hands away from the inner side of the mask while wearing it to reduce the possibility of contamination.

2. Distinguish the inside and outside of the mask - the outside is printed words. Distinguish the top and bottom of the mask - the metal strip/sponge strip is on the top of the mask.

3. Do not squeeze the mask with your hands. The mask can only isolate the virus on the outside of the mask. Squeezing the mask with your hands can make the mask soggy with droplets, increasing the risk of infection.

4. Make sure the mask fits well with the face. A simple test: after putting on a mask, exhale hard to check if the air doesn’t leak through the edges.

**Storage:** It is recommended to store in a clean, dry, ventilated and non-corrosive gas environment, away from ignition sources or combustible materials.

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**Beijing Daddy's Choice Science and Technology Co., Ltd.**

**Brand:** Purism

**Address:** No.2 Ding Fu Zhuang, Chao Yang District, Beijing, 100024 CN

**Manufacture:** Shandong Daddy's Choice Health Science and Technology Co., Ltd.

**Address:** South Tiandingfeng Road, Dongshou Road, Huayuan Street, Linyi County, Dezhou City, Shandong Province China, 251500 CN

**Production Licence:** Lu weixiao zhengzi (2017) no. 1308

**Verification to Standard:** GB 2626-2006 KN95

**MADE IN CHINA**
NPPTL COVID-19 Response: International Respirator Assessment

Directions

1. Put the face mask with the nose clip on the upper side and the white face on the inner side. The rubber bands at both ends should be hung on the ears.

2. Gently press the nose clip to make it fit with the bridge of the nose, then press the nose clip to pull the lower end of the mask to the lower jaw.

3. Arrange the wearing effect of the mask to cover the bridge of the nose to the lower jaw for the best protective effect.

Products

Purism

KN95 Protective Face Mask

Brand: Purism

Product Name: KN95 Protective Face Mask

Product Performance: Perfect fit for every face and optimal protection. Suitable for the protection of some non-oily particles, like Influenza virus, dust, pollen, etc.


Application: Schools, high-speed rail, airports, public transport and other relatively dense places and family environment.

Production Date/Batch no: Showing on the Packaging

Period of Validity: Three Years

Telephone: 400-996-5015

Website: www.daddychoice.com

Email: sales@daddychoice.com
<table>
<thead>
<tr>
<th>产品名称：</th>
<th>纯粹主义防护口罩</th>
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<tr>
<td>包装规格：</td>
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北京爸爸的选择科技有限公司 (Beijing Daddy’s Choice Science and Technology Co., Ltd).

品牌名称：纯粹主义（Brand: Purism）

生产委托：(Manufacture and Commission)

地址：北京市朝阳区定福庄2号院景湾大厦1号楼3层 (Address: 3rd floor, Building 1, Gear Field Incubator, Yard 2, Dingshihua zhi, Chaoyang District, Bejing.)

受委托方：山东爸爸的选择健康科技有限公司 (Agent: Shandong Daddy’s Choice Health Technology Co., Ltd.)

地址：山东省德州市临邑县经济开发区花园大街东首路南天德路5号(Address: South Tiandingfeng Road, Dongshou Road, Huaying Street, Linyi County, Dezhou City, Shandong Province.)

电话 (Telephone): 400-996-5015

网址 (Website): www.daddychoice.com
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