

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Shanghai Dasheng Health Products Manufacture Co., Ltd.

Model Tested: DTC3X-3

Date Tested: June 4, 2020

These findings pertain to the Shanghai Dasheng Health Products Manufacture Co., Ltd., model DTC3X-3. The packaging and labeling for this product indicate that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator).

Thirty respirators were submitted for evaluation. The respirators were sampled into groups of ten 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 99.78% and 98.72%, respectively. All thirty 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: June 4, 2020

Report Prepared: June 4, 2020

Manufacturer: Shanghai Dasheng Health Products Manufacture Co., Ltd.

Item Tested: DTC3X-3 (Sample Group 1 of 3)

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	12.0	0.59	0.59	99.41
2	85	12.3	0.41	0.43	99.57
3	85	11.9	0.62	0.62	99.38
4	85	14.7	0.56	0.56	99.44
5	85	14.4	0.79	0.79	99.21
6	85	14.4	0.68	0.68	99.32
7	85	16.6	0.72	0.72	99.28
8	85	15.3	0.79	0.79	99.21
9	85	14.1	0.57	0.57	99.43
10	85	13.9	0.22	0.22	99.78
Minimum Filter Efficiency: 99.21			Maximum Filter Efficiency: 99.78		

- 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

Test: Modified TEB-APR-STP-0059

Date Tested: June 4, 2020

Report Prepared: June 4, 2020

Manufacturer: Shanghai Dasheng Health Products Manufacture Co., Ltd.

Item Tested: DTC3X-3 (Sample Group 2 of 3)

Country of Certification: China (GB2626-2006)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH₂O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
11	85	13.4	0.93	0.93	99.07
12	85	15.7	0.42	0.42	99.58
13	85	12.8	0.54	0.54	99.46
14	85	13.1	0.81	0.81	99.19
15	85	17.6	0.28	0.28	99.72
16	85	11.6	0.33	0.33	99.67
17	85	9.9	0.47	0.53	99.47
18	85	12.0	0.48	0.48	99.52
19	85	11.4	0.58	0.58	99.42
20	85	13.8	0.50	0.50	99.50
Minimum Filter Efficiency: 99.07			Maximum Filter Efficiency: 99.72		

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NPPTL COVID-19 Response: International Respirator Assessment

Test: Modified TEB-APR-STP-0059

Date Tested: June 4, 2020

Report Prepared: June 4, 2020

Manufacturer: Shanghai Dasheng Health Products Manufacture Co., Ltd.

Item Tested: DTC3X-3 (Sample Group 3 of 3)

Country of Certification: China (GB2626-2006)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH₂O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
21	85	12.4	0.54	0.54	99.46
22	85	12.8	0.26	0.27	99.73
23	85	10.8	1.28	1.28	98.72
24	85	11.7	0.59	0.59	99.41
25	85	10.3	0.79	0.79	99.21
26	85	14.3	0.60	0.63	99.37
27	85	11.6	0.55	0.55	99.45
28	85	14.7	0.93	0.93	99.07
29	85	10.9	0.52	0.52	99.48
30	85	12.9	0.58	0.58	99.42
Minimum Filter Efficiency: 98.72			Maximum Filter Efficiency: 99.73		

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口罩佩戴方法 Fitting Instructions



1.



2.



3.

1. 鼻夹面向外，双手分别拉住两边头带，使鼻夹位于口罩上方。
With nosepiece facing out, hold the earband in each hand with the nosepiece up.
2. 带上口罩，将下巴置于口罩内，将头带挂上双耳。
Put the mask on, pull each earband over the ears.
3. 用双手调节鼻夹位置，并进行气密性检查。
Mold the nosepiece to the shape of the nose. Check the seal to avoid any leakage.

产品名称: 折叠随弃式面罩

Product: Foldable Respirator Mask

主要材质: 无纺布、熔喷布

Main material: PP fabric, Meltblown

包装规格: 20只/盒

Package: 20 pcs / box

存储条件: 防湿防潮、防雨淋、
防晒、通风

Storage: Dampproof, Moistureproof, No
rain-drenching, Ventilative, No insolation

保存时间: 3年

Shelf life: 3 years

生产单位: 上海大胜卫生用品制造有限公司

Manufacturer: Shanghai Dasheng Health Products Manufacture Co., Ltd.

工厂地址: 上海市松江区施惠路228号

Address: No 228 Shihui Road, Songjiang, Shanghai

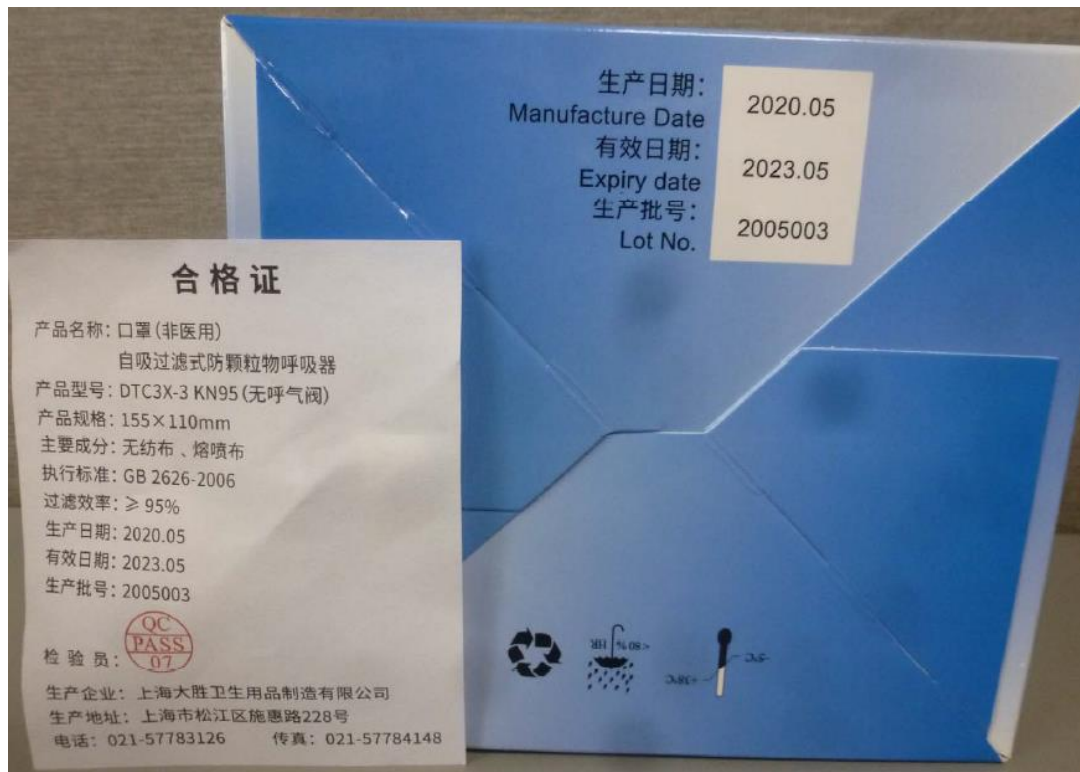
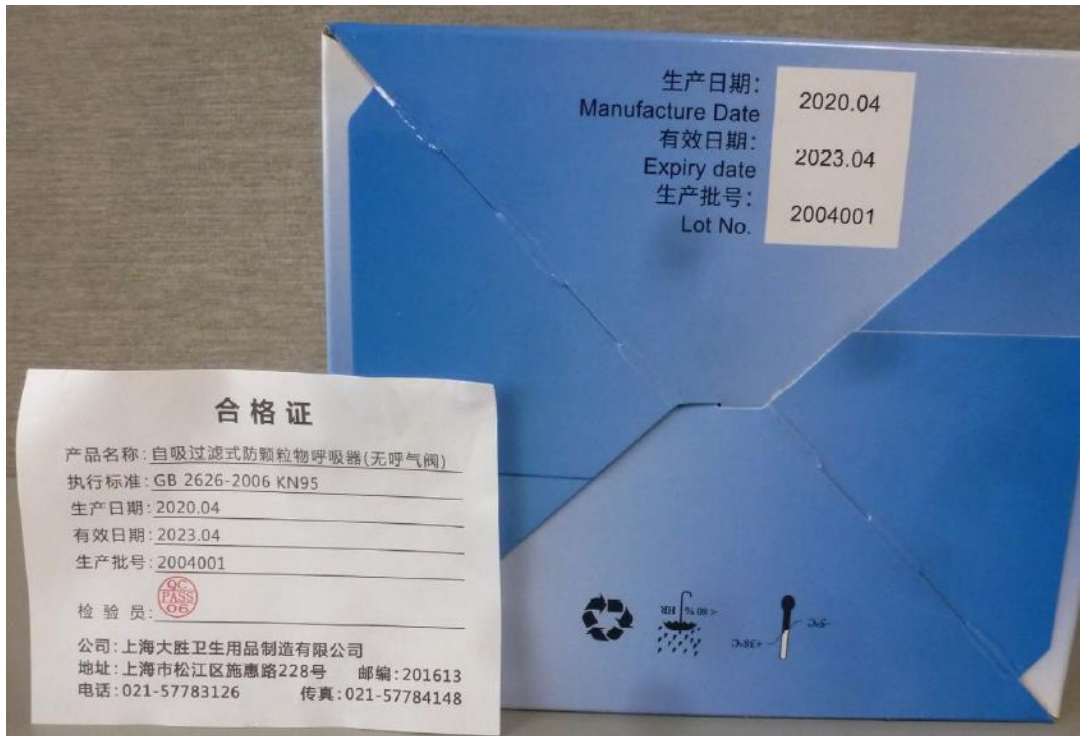
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