NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Shanghai Dasheng Health Products Manufacture Co., Ltd.
Model Tested: DTC3X (Sample Group 3 of 3)
Date Tested: April 30, 2020

These findings pertain to products labeled as Shanghai Dasheng Health Products Manufacture Co., Ltd., model DTC3X. The labeling for this product indicates that it is a NIOSH-approved product, under approval number TC-84A-4329. Shanghai Dasheng Health Products Manufacture Co., Ltd., through correspondence with NIOSH, has indicated that their products have been counterfeited.

While this product is labelled as being NIOSH-approved, this configuration with ear loops is non-conforming.

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.

The maximum and minimum filter efficiency was 99.76% and 99.34%, respectively. All ten respirators measured more than 95%.

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

NPPTL
National Personal Protective Technology Laboratory

Test: Modified TEB-APR-STP-0059

Date Tested: April 30, 2020

Report Prepared: May 1, 2020

Pictures have been added to the end of this report.

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

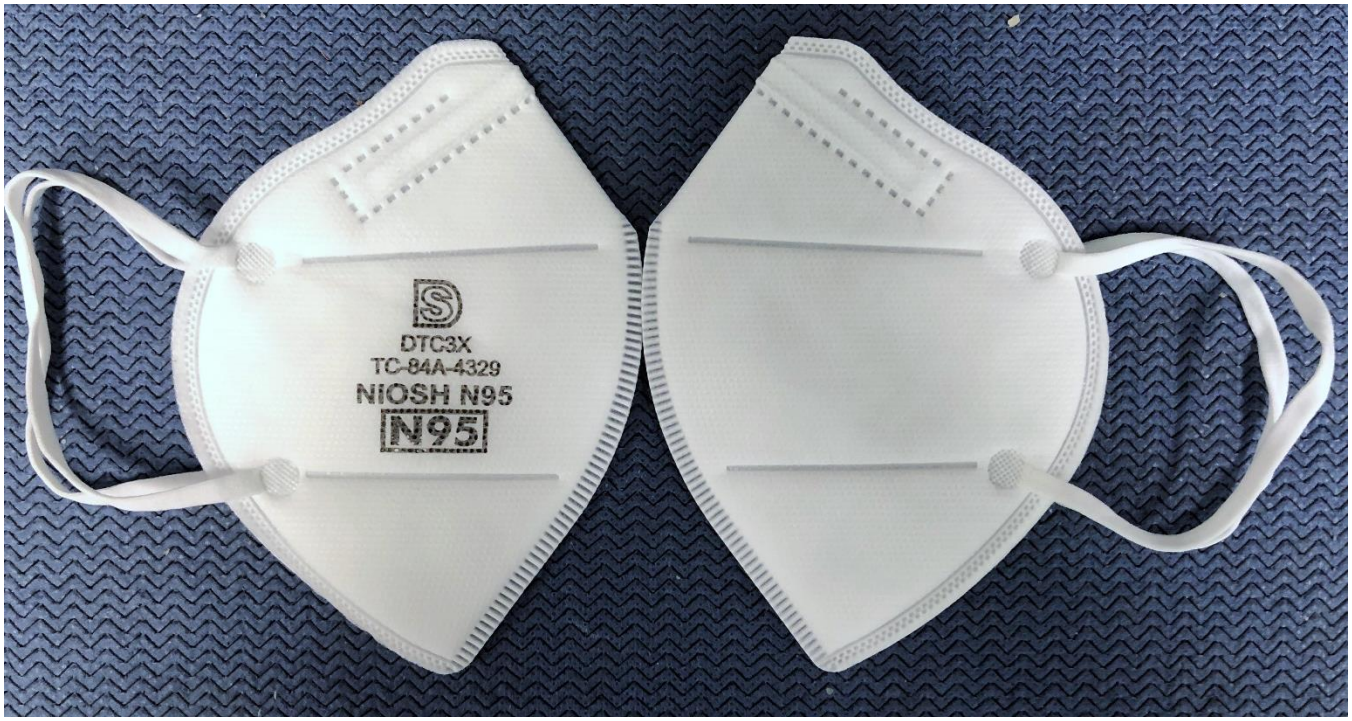
Item Tested: DTC3X (Sample Group 3 of 3)

Country of Certification: USA (claimed, 42 CFR 84)

Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH_2O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	13.7	0.24	0.24	99.76
2	85	11.3	0.66	0.66	99.34
3	85	14.0	0.35	0.35	99.65
4	85	11.7	0.51	0.51	99.49
5	85	11.3	0.39	0.39	99.61
6	85	11.3	0.48	0.48	99.52
7	85	12.2	0.38	0.38	99.62
8	85	11.1	0.56	0.56	99.44
9	85	12.5	0.26	0.26	99.74
10	85	13.0	0.27	0.27	99.73
Minimum Filter Efficiency: 99.34			**Maximum Filter Efficiency: 99.76**		

- 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.


口罩佩戴方法
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。
2. 带上口罩，将下巴置于口罩内，将头带拉上双耳。
3. 用双手调节鼻夹位置，并进行气密性检查。
产品名称:DTC3X N95折叠随弃式面罩
主要材质:无纺布
包装规格:20只/盒
存储条件:防湿防潮、防雨淋、防晒、通风
保存时间:3年
生产日期:2020年3月
生产单位:上海大胜卫生用品制造有限公司
工厂地址:上海市松江区施惠路228号
公司官网:www.dashengmask.com
Dasheng
NIOSH
N95 Respirator Mask
自吸过滤式防颗粒物呼吸器
折叠随弃式面罩
DTC3X
20 pack
美国NIOSH N95标准


DTC3X
TC-84A-4329
NIOSH N95
N95

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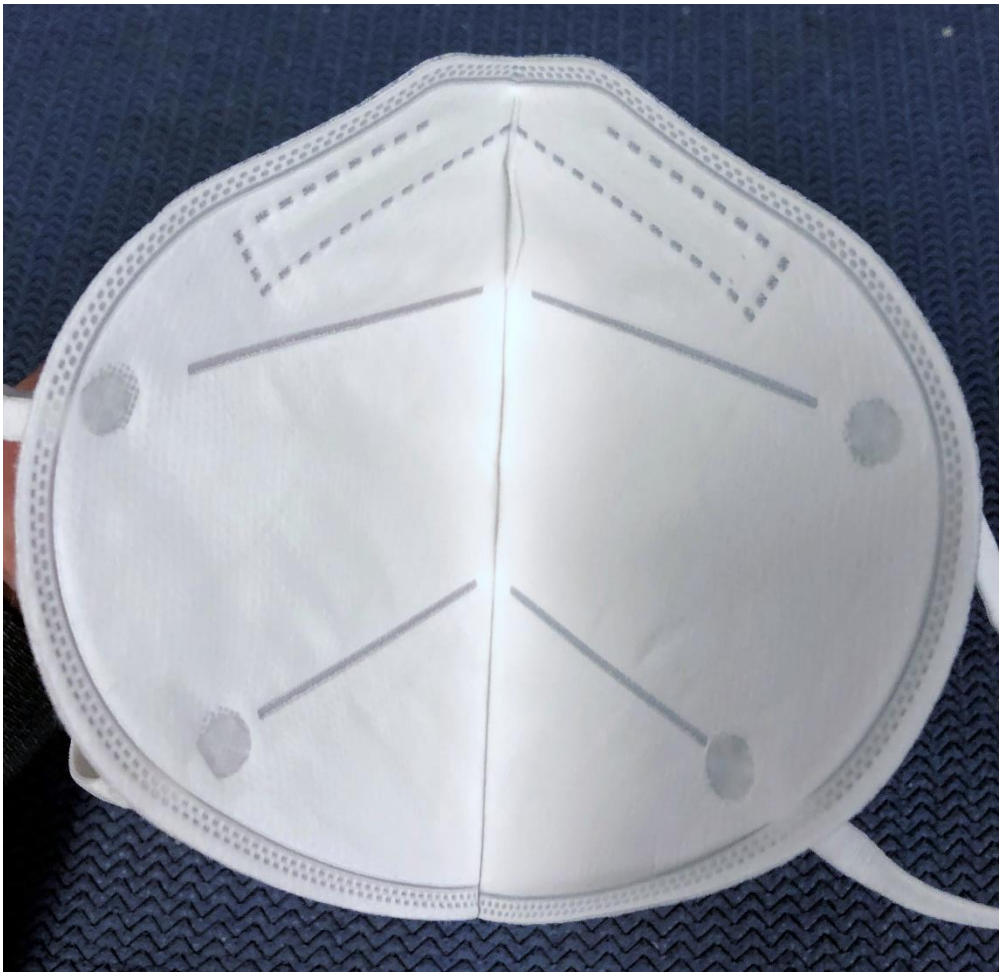

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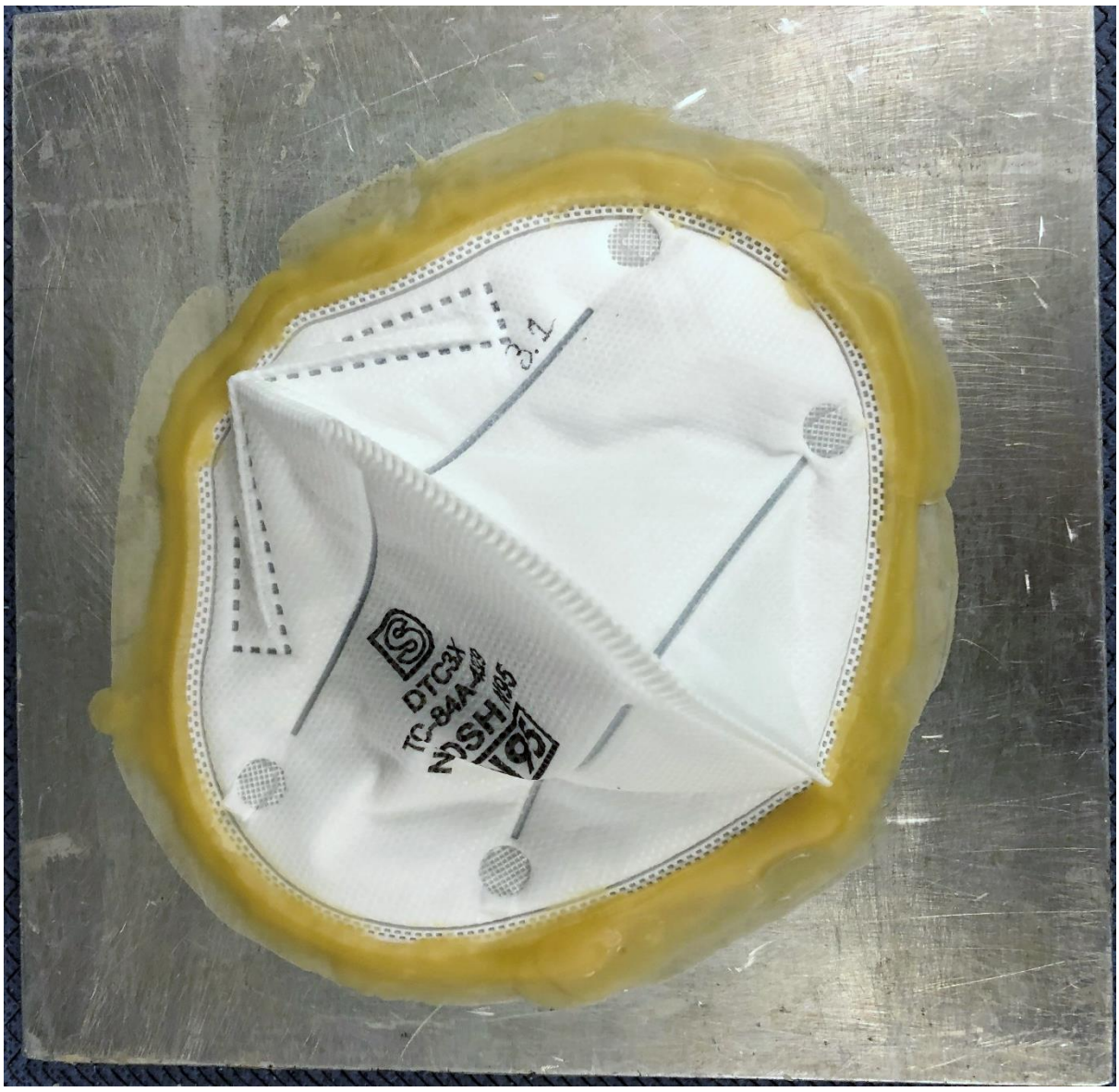

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