

NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Dongguan Angel Leather Technology Co. Ltd.

Model Tested: AJ-XY-SLSX-001

Date Tested: July 24, 2020

These findings pertain to the Dongguan Angel Leather Technology Co. Ltd., model AJ-XY-SLSX-001. The packaging and labeling for this product indicates that it meets GB2626-2006 (the Chinese standard for Respiratory Protective Equipment – Non-Powered Air-Purifying Particle Respirator). The packaging for this product indicates that it also meets EN149:2001+A1:2009 (the European standard for Respiratory Protective Devices – Filtering Half Masks to Protect Against Particles – Requirements, Testing, Marking).

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 98.00% and 94.46%, respectively. Nine respirators measured more than 95%. One respirator measured less 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: July 24, 2020

Report Prepared: July 24, 2020

Manufacturer: Dongguan Angel Leather Technology Co. Ltd.

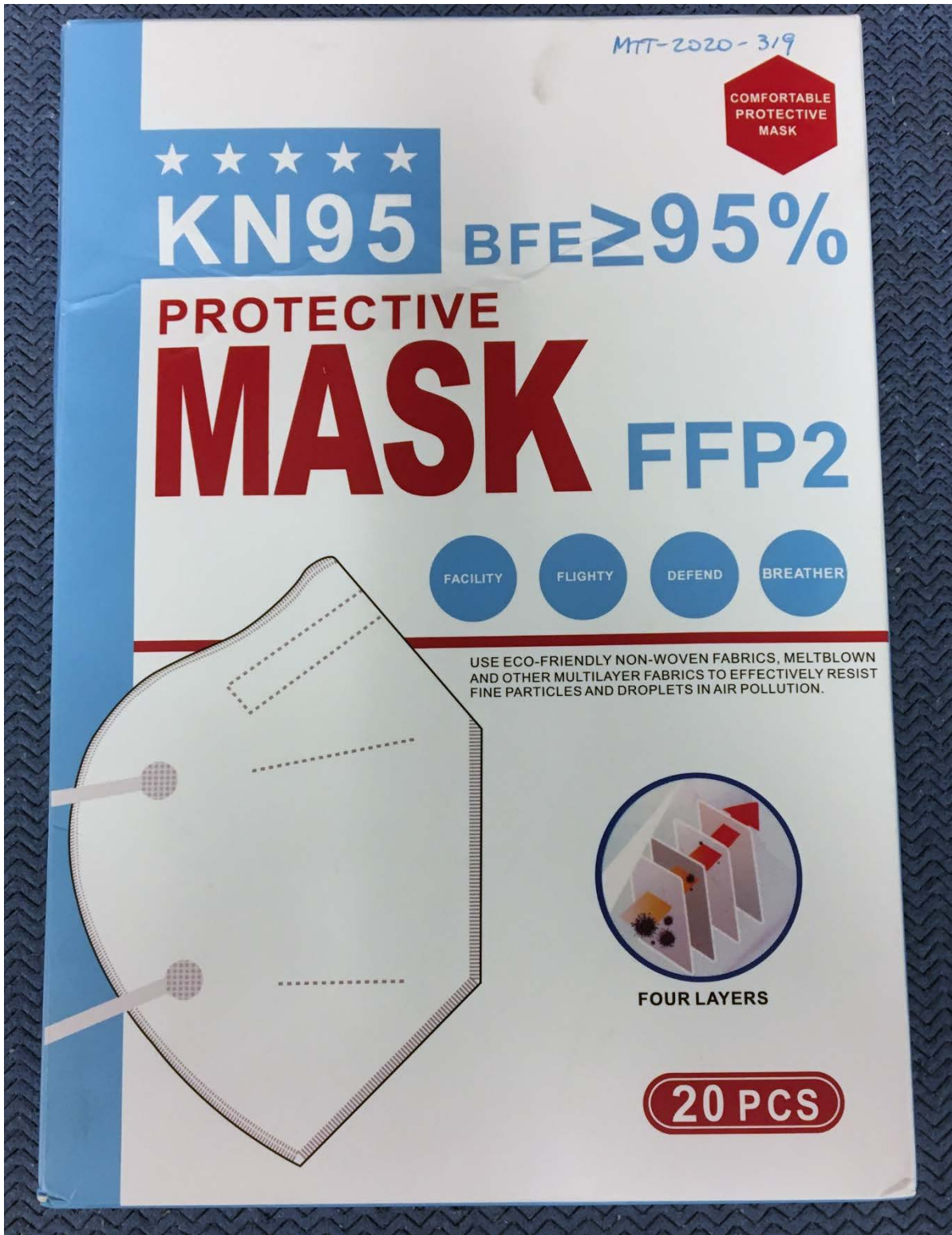
Item Tested: AJ-XY-SLSX-001

Country of Certification: China (GB2626-2006, EN149:2001+A1:2009)

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	11.8	4.58	4.64	95.36
2	85	13.1	2.00	2.00	98.00
3	85	11.4	5.54	5.54	94.46
4	85	11.9	3.96	3.96	96.04
5	85	12.2	2.21	2.21	97.79
6	85	11.7	4.29	4.29	95.71
7	85	11.6	2.92	2.92	97.08
8	85	10.2	3.16	3.16	96.84
9	85	9.7	2.91	2.91	97.09
10	85	11.2	3.55	3.55	96.45
Minimum Filter Efficiency: 94.46			Maximum Filter Efficiency: 98.00		

- 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.



FUNCTION

WEARING TO COVER AND PROTECT THE MOUTH AND NOSE, CAN EFFECTIVELY PREVENT THE INHALATION OF DUST AND DROPLETS.

USAGE

1. FACE THE MASK WITHOUT THE NOSE CLIP, AND THE NOSE CLIP SHOULD BE ON TOP;
2. HOLD THE MASK ON YOUR FACE AND AGAINST YOUR CHIN;
3. PULL THE STRAPS ON BOTH SIDES AND HANG ON THE EARS, AND ADJUST TILL YOU FEEL COMFORTABLE;
4. PUT YOUR FINGERS IN THE MIDDLE OF THE METAL NOSE CLIP, AND MOVE YOUR FINGERTIPS TO BOTH SIDES UNTIL THE NOSE CLIP IS FULLY PRESSED INTO THE SHAPE OF THE NOSE SLOPE;
5. PUT YOUR HANDS ON YOUR FACE TO CHECK THE TIGHTNESS WITH YOUR FACE.



PRODUCT INFORMATION

Item#: AJ-KN95
Model#: AJ-XY-SLSX-001
Product Name: FFP2/ KN95 Protective Mask
Executive Standard: GB2626:2006 EN149:2001+A1:2009
Size: Adult
Lot#: 20200411B23
Validity: 3 year (Sealed)
Packing: 20pcs/ case
Manufacturer: Dongguan Angel Leather Technology Co. Ltd.
Address: Wusha Industrial Zone, Hongjin Road, Hongmei Town, Dongguan City, China 523160
Contact: info@asi-intl.com

STORAGE

STORED IN A VENTILATED, DRY, HYGIENIC AND NON-CORROSIVE GAS PLACE.

CAUTION

PATIENTS WITH DIFFICULTY BREATHING OR CONGENITAL HEART DISEASE,
PLEASE USE WITH CAUTION;
THIS PRODUCT CANNOT BE USED AS A GAS MASK IN A TOXIC ENVIRONMENT.

MADE IN CHINA



NPPTL COVID-19 Response: International Respirator Assessment

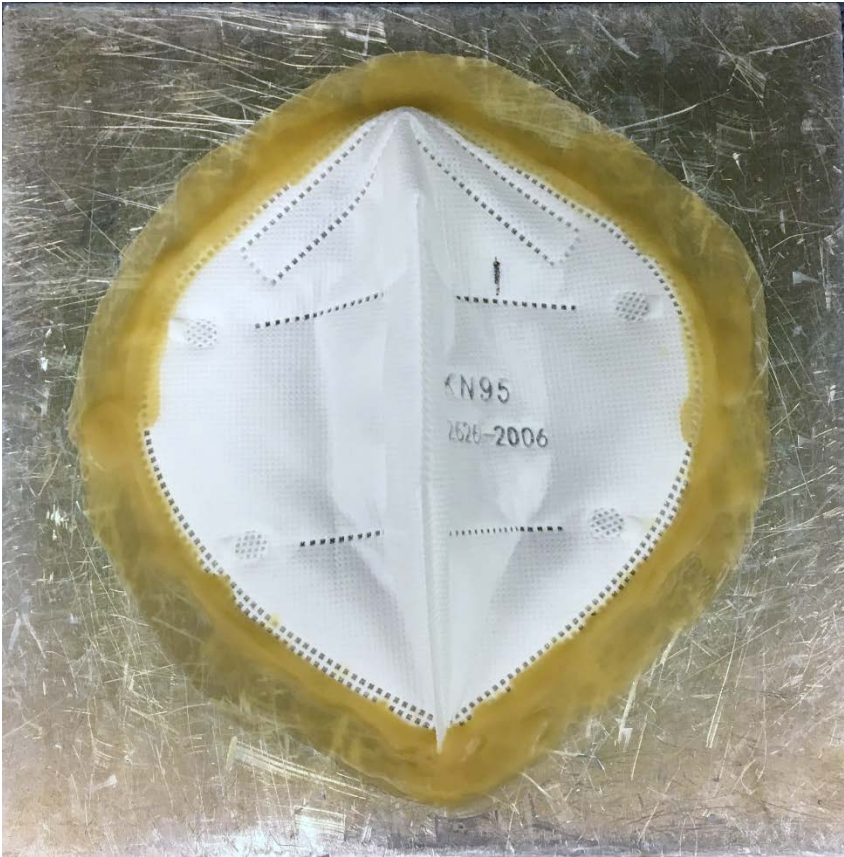


Certificate Of Conformity 合格证书	
产品名称: Product Name:	FFP2/ KN95 防尘口罩----非医用 FFP2/KN95Facemask----Non-Medical
执行标准: Executive Standard:	GB2626: 2006 EN149:2001+A1:2009
数量: Quantity:	5个每包 5pcs/ bag
有效期: Valid Date:	3年 (未开封) 3 Years (Sealed)
制造日期: Manufacturing Date:	2020.04.18
批次 Lot.#:	20200418B23
材料: Materials:	无纺布50%; 热风棉: 30%; 熔喷布: 20% Non-woven fabric: 50%; Filter cotton: 30%; Melt-blown fabric: 20%
工厂名称: Manufacturer:	东莞市安爵皮具科技有限公司 Dongguan Angel Leather Technology Co. Ltd.
Made In China	

NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment



NPPTL COVID-19 Response: International Respirator Assessment

