NPPTL COVID-19 Response: International Respirator Assessment

Manufacturer: Guangdong Golden Leaves Technology Development Co., Ltd.
Model Tested: 8862 KN95
Date Tested: May 27, 2020

These findings pertain to the Guangdong Golden Leaves Technology Development Co., Ltd., model 8862 KN95. 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).

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 99.50% and 99.00%, 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).

Evaluation of International Respirators

NPPTL
National Personal Protective Technology Laboratory

Test: Modified TEB-APR-STP-0059

Date Tested: May 27, 2020

Report Prepared: May 27, 2020

Pictures have been added to the end of this report.

Manufacturer: Guangdong Golden Leaves Technology Development Co., Ltd.

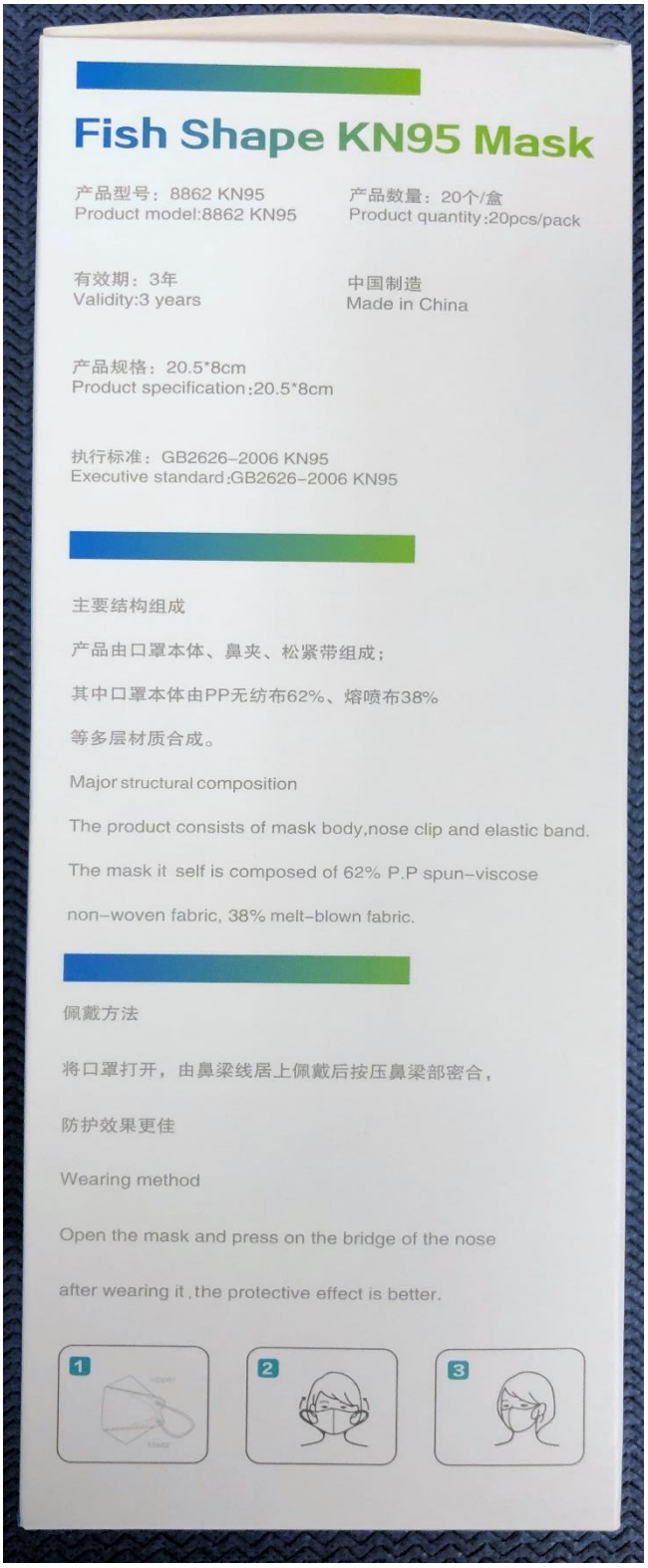
Item Tested: 8862 KN95

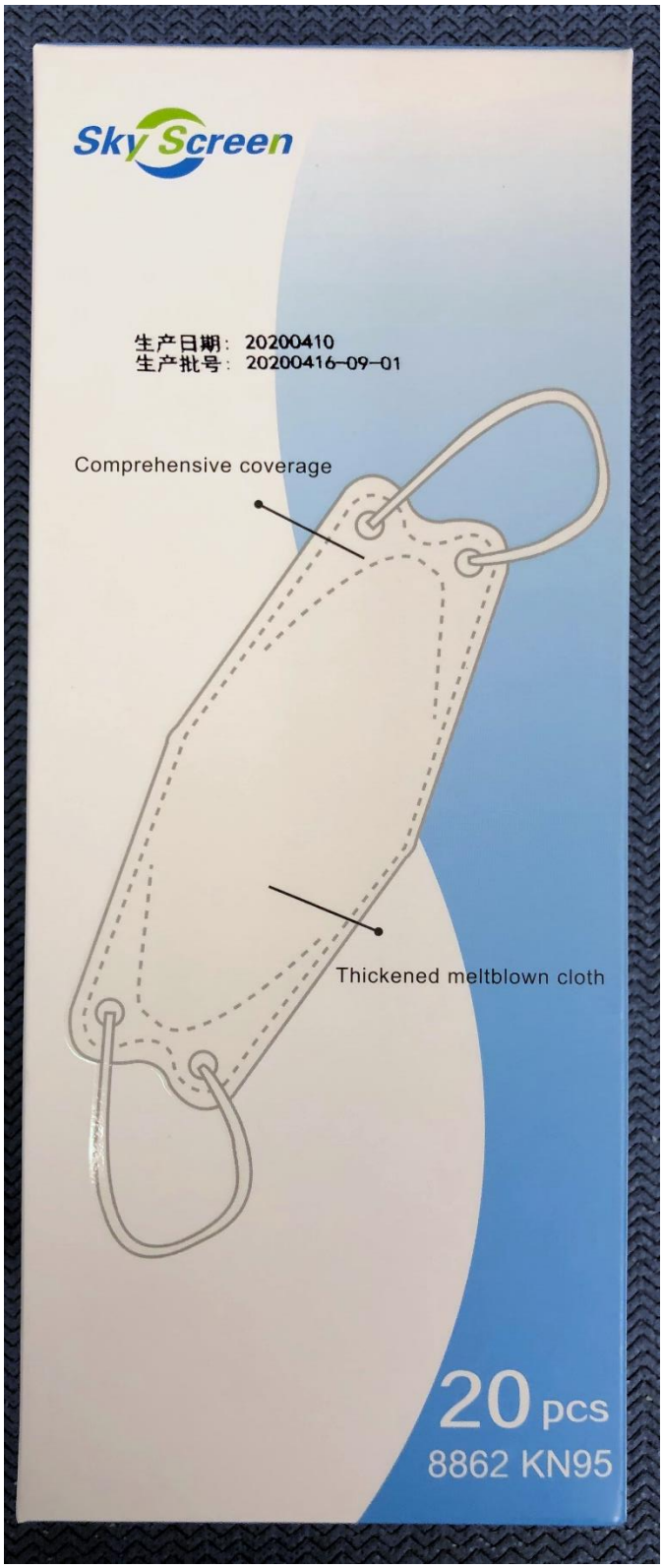
Country of Certification: China (GB2626-2006)

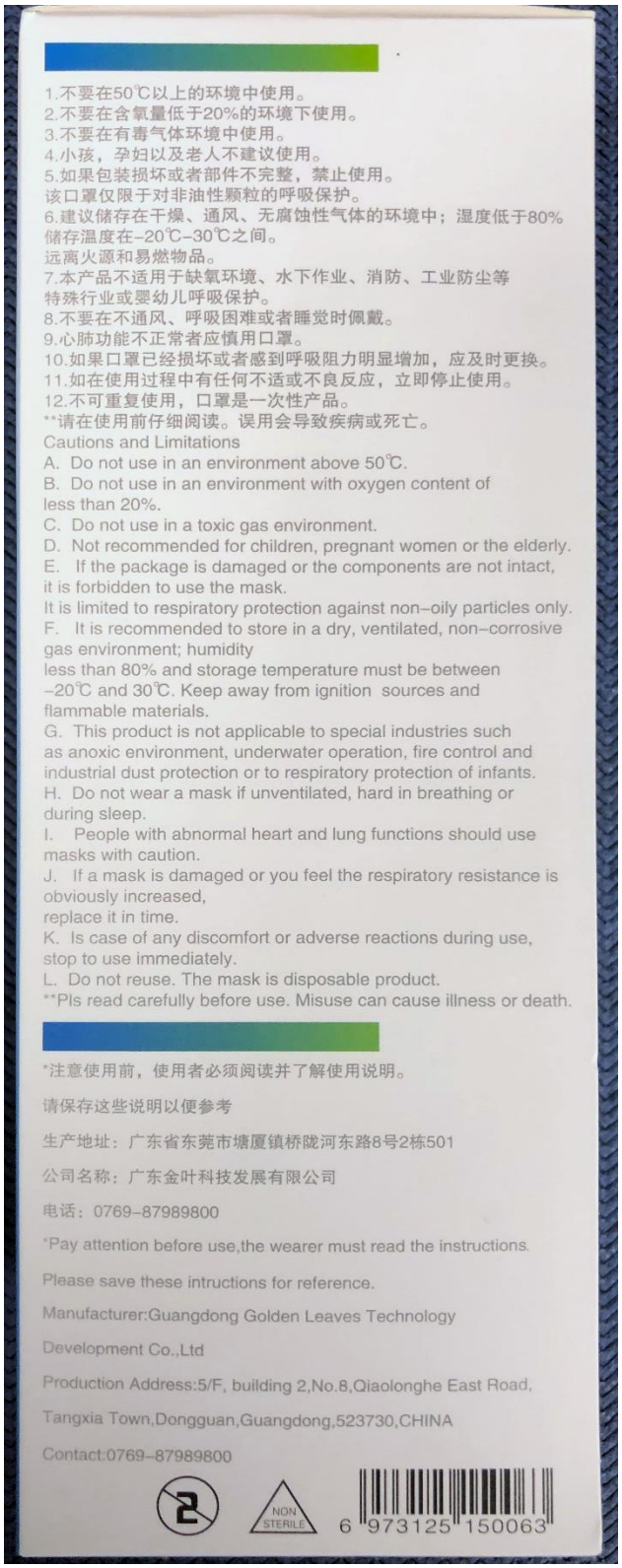
Filter	Flow Rate (Lpm)	Initial Filter Resistance (mmH_2O)	Initial Percent Leakage (%)	Maximum Percent Leakage (%)	Filter Efficiency
1	85	10.1	0.69	0.69	99.31
2	85	10.3	0.60	0.60	99.40
3	85	9.8	0.60	0.60	99.40
4	85	10.8	0.63	0.63	99.37
5	85	10.1	0.78	0.78	99.22
6	85	10.3	0.73	0.73	99.27
7	85	10.6	0.50	0.50	99.50
8	85	12.7	1.00	1.00	99.00
9	85	10.2	0.72	0.72	99.28
10	85	10.2	0.81	0.81	99.19
Minimum Filter Efficiency: 99.00			**Maximum Filter Efficiency: 99.50**		

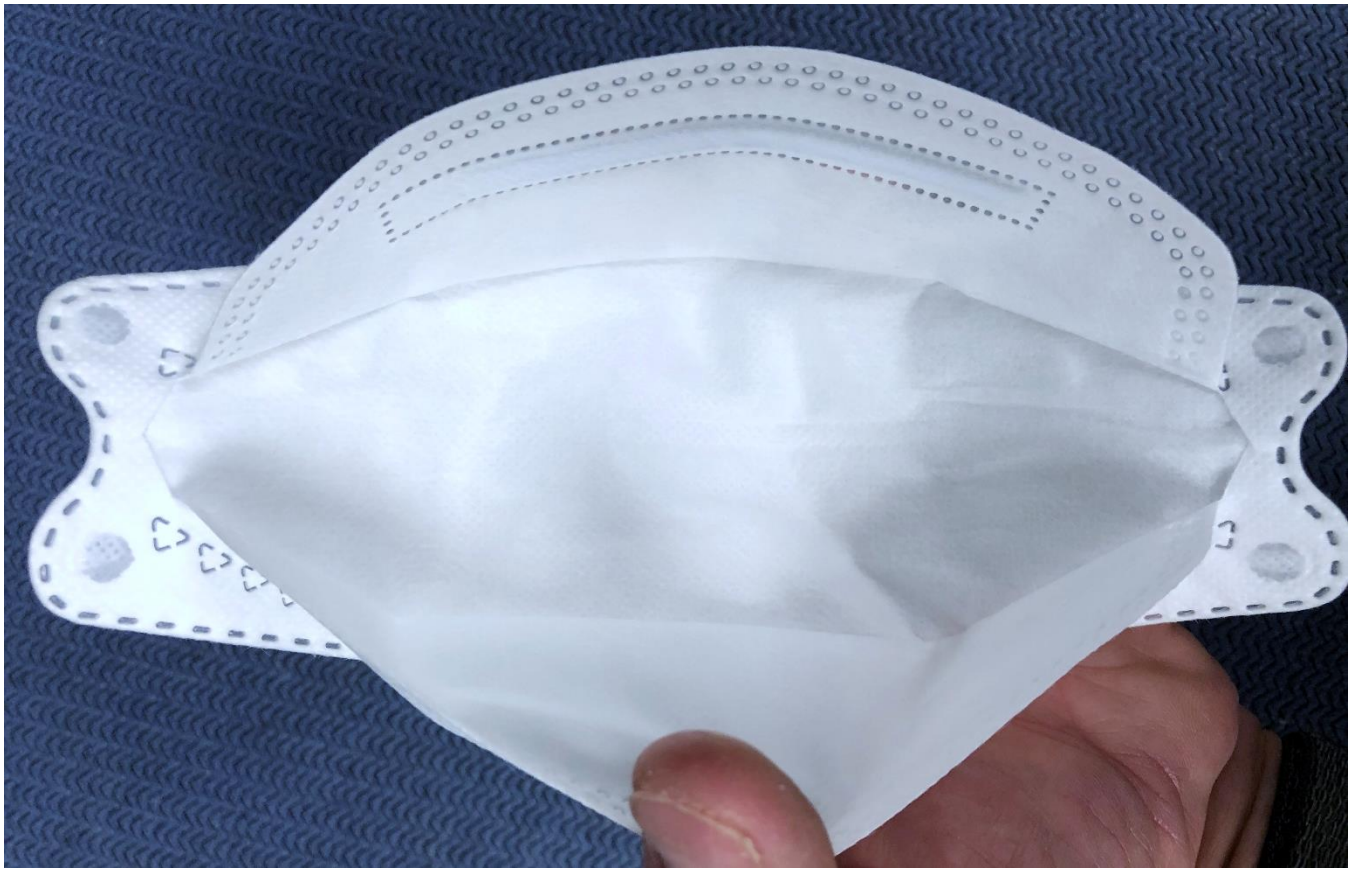
- The test method utilized in this assessment is not the NIOSH standard test procedure that is used for certification of respirators. Respirators assessed to this modified test plan do not meet the requirements of STP-0059, and therefore cannot be considered equivalent to N95 respirators that were tested 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.


MTT-2020-185.1
Sky Screen
Fish Shape KN95 Mask
GB 2626-2006
（非医用）
（non-medical）
20 pcs
8862 KN95


Fish Shape KN95 Mask
产品型号：8862 KN95
Product model:8862 KN95
产品数量：20个/盒
Product quantity:20pcs/pack
有效期：3年
Validity:3 years
中国制造
Made in China
产品规格：20.5*8cm
Product specification:20.5*8cm
执行标准：GB2626-2006 KN95
Executive standard:GB2626-2006 KN95
主要结构组成
产品由口罩本体、鼻夹、松紧带组成；
其中口罩本体由PP无纺布62%、熔喷布38%
等多层材质合成。
Major structural composition
The product consists of mask body,nose clip and elastic band.
The mask it self is composed of 62% P.P spun-viscose
non-woven fabric, 38% melt-blown fabric.
佩戴方法
将口罩打开，由鼻梁线居上佩戴后按压鼻梁部密合，
防护效果更佳
Wearing method
Open the mask and press on the bridge of the nose
after wearing it ,the protective effect is better.
1
2
3


Sky Screen
生产日期：20200410
生产批号：20200416-09-01
Comprehensive coverage
Thickened meltblown cloth
20 pcs
8862 KN95


1.不要在50℃以上的环境中使用。
2.不要在含氧量低于20%的环境下使用。
3.不要在有毒气体环境中使用。
4.小孩，孕妇以及老人不建议使用。
5.如果包装损坏或者部件不完整，禁止使用。
该口罩仅限于对非油性颗粒的呼吸保护。
6.建议储存在干燥、通风、无腐蚀性气体的环境中；湿度低于80%
储存温度在-20℃-30℃之间。
远离火源和易燃物品。
7.本产品不适用于缺氧环境、水下作业、消防、工业防尘等
特殊行业或婴幼儿呼吸保护。
8.不要在不通风、呼吸困难或者睡觉时佩戴。
9.心肺功能不正常者应慎用口罩。
10.如果口罩已经损坏或者感到呼吸阻力明显增加，应及时更换。
11.如在使用过程中有任何不适或不良反应，立即停止使用。
12.不可重复使用，口罩是一次性产品。
**请在使用前仔细阅读。误用会导致疾病或死亡。
Cautions and Limitations
A. Do not use in an environment above 50℃.
B. Do not use in an environment with oxygen content of
less than 20%.
C. Do not use in a toxic gas environment.
D. Not recommended for children, pregnant women or the elderly.
E. If the package is damaged or the components are not intact,
it is forbidden to use the mask.
It is limited to respiratory protection against non-oily particles only.
F. It is recommended to store in a dry, ventilated, non-corrosive
gas environment; humidity
less than 80% and storage temperature must be between
-20℃ and 30℃. Keep away from ignition sources and
flammable materials.
G. This product is not applicable to special industries such
as anoxic environment, underwater operation, fire control and
industrial dust protection or to respiratory protection of infants.
H. Do not wear a mask if unventilated, hard in breathing or
during sleep.
I. People with abnormal heart and lung functions should use
masks with caution.
J. If a mask is damaged or you feel the respiratory resistance is
obviously increased,
replace it in time.
K. Is case of any discomfort or adverse reactions during use,
stop to use immediately.
L. Do not reuse. The mask is disposable product.
**Pls read carefully before use. Misuse can cause illness or death.
*注意使用前，使用者必须阅读并了解使用说明。
请保存这些说明以便参考
生产地址：广东省东莞市塘厦镇桥陇河东路8号2栋501
公司名称：广东金叶科技发展有限公司
电话：0769-87989800
*Pay attention before use,the wearer must read the instructions.
Please save these intructions for reference.
Manufacturer:Guangdong Golden Leaves Technology
Development Co.,Ltd
Production Address:5/F, building 2,No.8,Qiaolonghe East Road,
Tangxia Town,Dongguan,Guangdong,523730,CHINA
Contact:0769-87989800
NON STERILE
6 973125 150063



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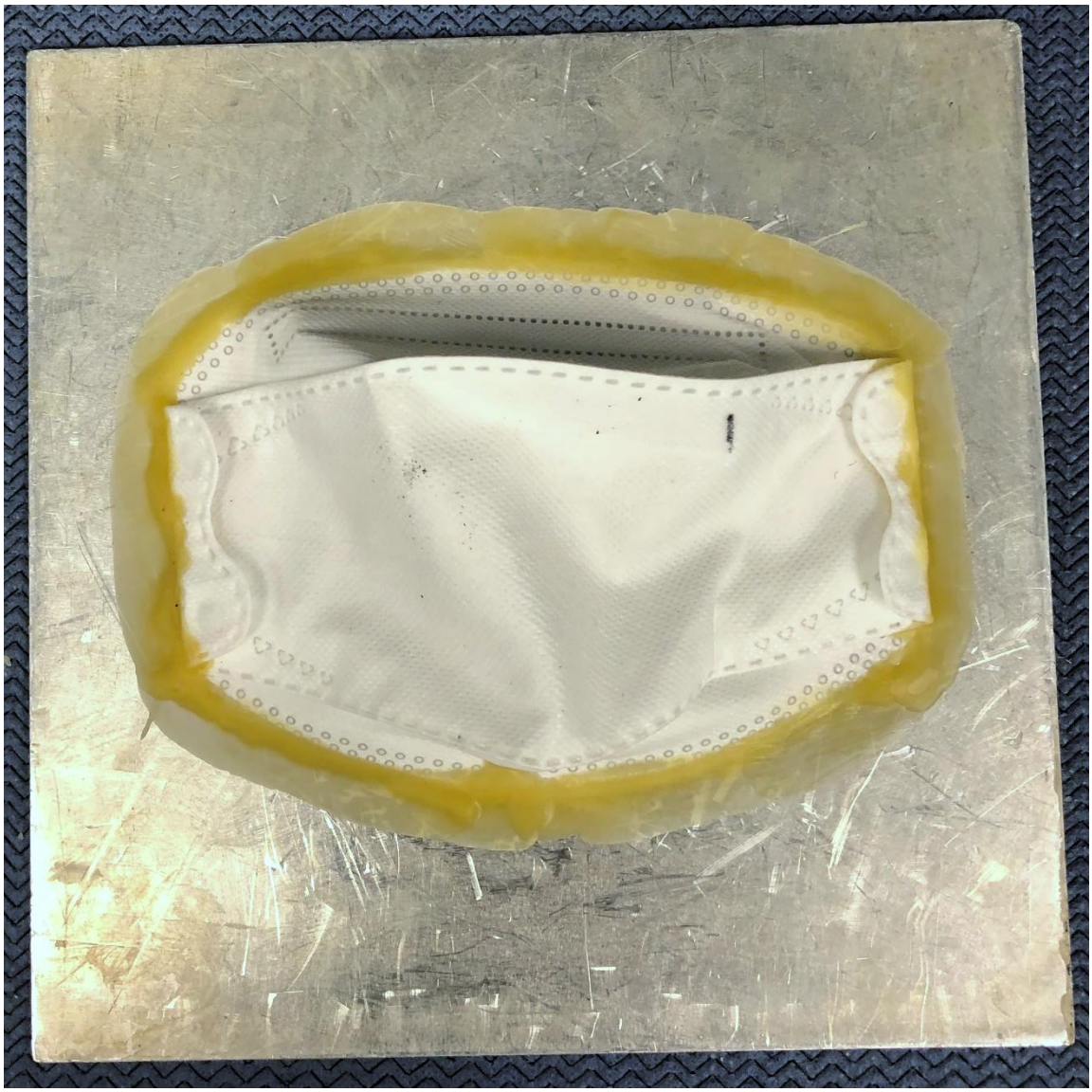

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