

Test Report **SL52025245710101TX** **Date: April 28, 2020** **Page 1 of 2**
NINGBO HST INDUSTRIAL CO.,LTD
4F, UNIT B, HUASHANG BUILDING, NO.100 OF XINGHAI SOUTH RD, YINZHOU DISTRICT, NINGBO,
CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A) Disposable medical surgical mask: 3 layer, surface 23gsm sss non-woven fabric 1 layer; Middle-layer 25gsm Melt blown cloth 1 layer; Inner layer 23gsm sss non-woven fabric 1 layer in blue/white

Manufacturer : HUNAN TECHRAY MEDICAL TECHNOLOGY CO LTD
Country of Destination : United States
Country of Origin : China

Proposed Care Instruction : -

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Apr 23, 2020
Testing Period : Apr 24, 2020 - Apr 28, 2020

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center

Sara Guo (Account Executive)

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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Test Result

Personal Protective Equipment - Standard Specification for Performance of Materials Used in Medical Face Masks

ASTM F2100-19

Section 6.1 Resistance to Penetration by Synthetic Blood
(ASTM F1862/F1862M-2017)

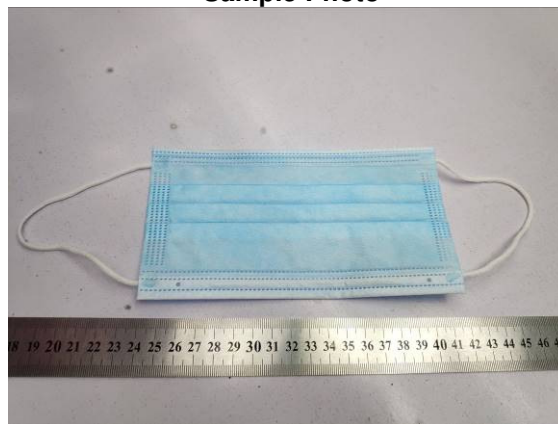
Pressure 120mmHg

Penetration on inside surface							
1#	2#	3#	4#	5#	6#	7#	8#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
9#	10#	11#	12#	13#	14#	15#	16#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
17#	18#	19#	20#	21#	22#	23#	24#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
25#	26#	27#	28#	29#	30#	31#	32#
Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Number of Pass:			32				
Overall result:			Acceptable				

Remark:

- 1) Performance Requirement Level 1 Barrier: 80mmHg, Level 2 Barrier: 120mmHg, Level 3 Barrier: 160mmHg
- 2) Distance of the medical face mask target area surface to the tip of cannula is 30.5cm.
- 3) Condition and Test temperature (21±5)° C, relative humidity (85±5)%
- 4) An acceptable quality limit of 4.0% is met for a single sampling plan when 29 or more of the 32 tested specimens show pass results

Sample Photo



The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report

