

**Test Report**                      **SL52025258458701TX**                      **Date: June 19, 2020**                      **Page 1 of 5**  
GUANGDONG GOODFEELING HYGIENE MATERIAL TEC CO., LTD  
NO.10 PHOENIX AVENUE ECO-INDUSTRIAL PARK, DANZAO TOWN, NANHAI, FOSHAN CITY,  
GUANGDONG PROVINCE, CHINA

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

Sample Description                      :    (A)Medical surgical mask(Non-sterile) (Claimed Type IIR)

Style No.                                      :    18\*9.5cm

Composition                                :    (A)Spunbond fabric, Melt-blown fabric

Sample Color                              :    (A)Blue/white

Manufacturer                              :    GUANGDONG GOODFEELING HYGIENE MATERIAL TEC CO., LTD

Country of Destination                 :    United States, EUR

Supplier                                      :    GUANGDONG GOODFEELING HYGIENE MATERIAL TEC CO., LTD

Lot No./Batch No.                        :    Not provided

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

Sample Receiving Date                 :    May 25, 2020

Testing Period                              :    May 25, 2020 - Jun 19, 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).

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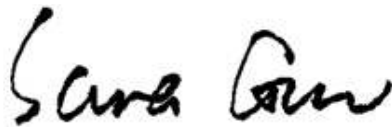
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Comment:

<b>EN 14683:2019+AC:2019 Medical Face Masks-Requirements and Test Methods</b>	(A)
<b>Clause 5.2 Performance Requirement</b>	
Clause 5.2.2 Bacterial filtration efficiency (BFE)	M
Clause 5.2.3 Breathability	M
Clause 5.2.4 Splash Resistance	M
Clause 5.2.5 Microbial Cleanliness	M
Clause 5.2.6 Biocompatibility	EXCLUDED

Remark: M=Meet EN 14683:2019+AC:2019 Performance Requirement (Type IIR)  
F=Below EN 14683:2019+AC:2019 Performance Requirement (Type IIR)

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



Sara Guo (Account Executive)



Dongjing Liu (Authorized Signatory)



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Test Result

**EN 14683:2019+AC:2019 Medical Face Masks-Requirements and Test Methods**

**Clause 5.2 Performance Requirement**

**Clause 5.2.2 Bacterial filtration efficiency (BFE)\***  
(EN 14683:2019 Annex B)

Sample: A

	1#	2#	3#	4#	5#
(BFE), %	99.9	>99.9	99.9	99.9	>99.9

Remark: Performance Requirement: Type I  $\geq 95\%$ , Type II  $\geq 98\%$ , Type IIR  $\geq 98\%$

\* This test standard is not within the accredited scope in SGS Shanghai testing centre, it is carried out by external laboratory accredited by CMA (China Metrology Accreditation).

**Clause 5.2.3 Breathability**

(EN 14683 :2019+AC:2019 Annex C)

Sample: A

Test number and location : 5 random areas for each specimen (face mask)  
Conditioning Parameters : Minimum of 4 hours at 21 $\pm$ 5°C and 85 $\pm$ 5% R.H.  
Test Area : 4.9 cm<sup>2</sup>  
Flow Rate : 8 l/min

	1#	2#	3#	4#	5#
Differential pressure $\Delta P$ (Pa/cm <sup>2</sup> )	34	34	33	31	31

Remark: Performance Requirement: Type I < 40 Pa/cm<sup>2</sup>, Type II < 40 Pa/cm<sup>2</sup>, Type IIR < 60 Pa/cm<sup>2</sup>



**Clause 5.2.4 Splash Resistance**

(ISO 22609 :2004, Pressure 16.0 kPa)

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	Fail	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	Fail	Pass	Pass	Pass	Pass	Pass
Number of Pass:			30				
Overall result:			Acceptable				

Remark:

- 1) Performance Requirement Type I: N/A, Type II: N/A, Type IIR:  $\geq 16.0\text{kPa}$
- 2) Distance of the medical face mask target area surface to the tip of cannula is  $300\pm 10\text{mm}$ .
- 3) Condition and Test temperature  $(21\pm 5)^{\circ}\text{C}$ , relative humidity  $(85\pm 10)\%$
- 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

**Clause 5.2.5 Microbial Cleanliness**

(EN 14683:2019+AC:2019 Annex D and EN ISO 11737-1:2018)

	1#	2#	3#	4#	5#
CFU/g	5	7	6	7	4

Remark: Performance Requirement: Type I  $\leq 30$  CFU/g, Type II  $\leq 30$  CFU/g, Type IIR  $\leq 30$  CFU/g



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### 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\*\*\*



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