

Test Report

SL52035273156201TX

Date: July 23, 2020

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SHANGHAI ASCENTET MEDICAL EQUIPMENT CO., LTD  
4 / F, BUILDING 6, NO. 351, SIZHUAN ROAD, SONGJIANG DISTRICT, SHANGHAI

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

Sample Description : (A)Surgical Gown

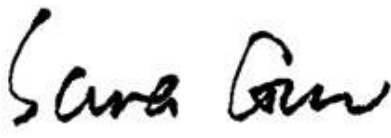
Buyer : Mr. Zhang  
Composition : (A)45G SMS  
Sample Color : (A)Blue  
Style No. : Surgical Gown  
Order No. : AS-20200510  
Supplier : SHANGHAI ASCENTET MEDICAL EQUIPMENT CO., LTD  
Country of Origin : Canada

Sample Receiving Date : Jul 14, 2020  
Testing Period : Jul 14, 2020 - Jul 23, 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).

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

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



Sara Guo (Account Executive)

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Test Result

**Liquid Barrier Performance and Classification of Protective Apparel and Drapes Intended for Use in Health Care Facilities**

(ANSI/AAMI PB70:2012)

**Section 4.2.1 Water Resistance: Impact Penetration Test**

(AATCC 42-2017)

As received

Weight of blotter gained (g)	1#	2#	3#	4#	5#
Area A (Critical zone-front)	0.0	0.0	0.0	0.0	0.0
Area B (Critical zone-sleeve)	0.0	0.0	0.0	0.0	0.0
Area C(Front)	0.0	0.0	0.0	0.0	0.0
Area D(Back)	0.0	0.0	0.0	0.0	0.0
Seam between areas C&D	0.0	0.0	0.0	0.0	0.0

Remark:

- Level 1: all critical zone components shall have a blotter weight gain of no more than 4.5grams(g)
- Level 2: all critical zone components shall have a blotter weight gain of no more than 1.0 grams(g)
- Level 3: all critical zone components shall have a blotter weight gain of no more than 1.0 grams(g)

**Section 4.2.1 Water Resistance: Hydrostatic Pressure Test**

(AATCC 127-2018; Hydrostatic Head; Rate of increase of water pressure:60mbar/min; temp. of distilled water: 21°C, fabric face side of water)

As received

Water Column (cmH <sub>2</sub> O)	1#	2#	3#	4#	5#
Area A (Critical zone-front)	>50.0	>50.0	>50.0	>50.0	>50.0
Area B (Critical zone-sleeve)	>50.0	>50.0	>50.0	>50.0	>50.0
Area C(Front)	>50.0	>50.0	>50.0	>50.0	>50.0
Area D(Back)	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas C&D	>50.0	>50.0	>50.0	>50.0	>50.0

Remark:

- Level 2: all critical zone components shall have a hydrostatic resistance of at least 20cmH<sub>2</sub>O
- Level 3: all critical zone components shall have a hydrostatic resistance of at least 50cmH<sub>2</sub>O



**Barrier performance of each component and final classification commended**

	Impact Penetration Test AATCC 42(g)	Hydrostatic Pressure Test AATCC 127(cmH <sub>2</sub> O)	Resistance to Bacteriophage Phi-X174 ASTM F 1671	Level	Final classification
Area A (Critical zone-front)	0.0	>50.0	/	Level 3	Level 3
Area B (Critical zone-sleeve)	0.0	>50.0	/	Level 3	
Area C(Front)	0.0	>50.0	/	Level 3	
Area D(Back)	0.0	>50.0	/	Level 3	
Seam between areas C&D	0.0	>50.0	/	Level 3	

**Remark:**

- The barrier performance of all critical zone components, including seams and points of attachments, shall be determined;
- The critical zone comprises at least area A and B. The classification of the surgical gown is based on the lower-performing component of the two;
- The back of the surgical gown (area D) may be nonprotective;
- Seams between protective and nonprotective areas have no barrier requirements;
- Seams between two protective areas are required to have at least the barrier performance of the lower-performing area;
- Level 1: Impact Penetration Test-AATCC 42: ≤4.5g;
- Level 2: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥20cmH<sub>2</sub>O;
- Level 3: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥50cmH<sub>2</sub>O;
- Level 4: Resistance to Bacteriophage Phi-X174-ASTM F 1671: Pass.
- Only test the barrier performance of the sample. Label request, construction and other classed in ANSI/AAMI PB70-2012 is not checked.

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### Sample Photo



Face

Back

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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