

**Test Report**

**SL52025258555101TX**

**Date: May 27, 2020**

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

Sample Description : (A)Protective apparel (Isolation gown) (Claimed Level 3)

Composition : CPE

Sample Color : (A)blue

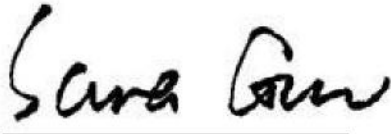
Sample Receiving Date : May 25, 2020

Testing Period : May 25, 2020 - May 27, 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

Conclusion: the provided sample meet ANSI/AAMI PB70-2012 Level 3 requirement which is claimed by client



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: 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 (Critical zone-Back)	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas A&B	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas A&C	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas B&C	>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					

**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 (Critical zone-Back)	0.0	0.0	0.0	0.0	0.0
Seam between areas A&B	0.0	0.0	0.0	0.0	0.0
Seam between areas A&C	0.0	0.0	0.0	0.0	0.0
Seam between areas B&C	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)					

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**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 (Critical zone-Back)	0.0	>50.0	/	Level 3	
Seam between areas A&B	0.0	>50.0	/	Level 3	
Seam between areas A&C	0.0	>50.0	/	Level 3	
Seam between areas B&C	0.0	>50.0	/	Level 3	
Remark:					
<ul style="list-style-type: none"><li>● The barrier performance of all critical zone components, including seams and points of attachments, shall be determined. The classification of isolation gown shall be a number denoting the performance of the critical zone component having the lower barrier performance.</li><li>● Level 1: Impact Penetration Test-AATCC 42: ≤4.5g;</li><li>● Level 2: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥20cmH<sub>2</sub>O;</li><li>● Level 3: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥50cmH<sub>2</sub>O;</li><li>● Level 4: Resistance to Bacteriophage Phi-X174-ASTM F 1671: Pass.</li><li>● Only test the barrier performance of the sample. Label request, construction and other classed in ANSI/AAMI PB70-2012 is not checked.</li></ul>					

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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\*\*\***