

XIANTAO RUIYANG PROTECTIVE PRODUCTS CO., LTD.  
NO.4 CHANGSHANGKOU AVENUE CHANGSHANGKOU TOWN, XIANTAO CITY, HUBEI PROVINCE.

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

Sample Description : (A) Isolation Gown

Sample Color : (A) Blue

Lot No. : RY20230522

SGS Internal Ref.No. : 14S23012655

Proposed Care Instruction : -

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

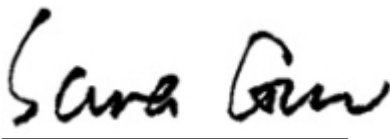
Sample Receiving Date : May 29, 2023

Testing Period : May 29, 2023 - Jun 05, 2023

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).

Conclusion: the provided sample meets ANSI/AAMI PB70-2012 Level 2.

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



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

Component list of area accordance with product's technical information

Component No.	Component Name	Test location area
1	Material	Area A ( <b>Critical zone</b> -Front) Area B ( <b>Critical zone</b> -Sleeve) Area C ( <b>Critical zone</b> -Back)
2	Seam	Area B ( <b>Critical zone</b> -Sleeve) Area A&B ( <b>Critical zone</b> -Front armhole) Area A&C ( <b>Critical zone</b> -Shoulder) Area B&C ( <b>Critical zone</b> -Back armhole)
3	Tie attachment with tie outside	Area A ( <b>Critical zone</b> -Front)

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

(AATCC TM42:2017e, Use the grade 989 blotter paper)

Sample A

As received

Test Component	Weight of blotter gained (g)				
	1#	2#	3#	4#	5#
1- Material	0.1	0.1	0.2	0.1	0.0
2- Seam	0.1	0.2	0.1	0.0	0.0
3- Tie attachment with tie outside	0.0	0.0	0.0	0.2	0.1

Remark: Performance requirement of Impact Penetration Test: Level 1≤4.5g, Level 2≤1.0g, Level 3≤1.0g;

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

(AATCC TM127-2017(2018)e; Hydrostatic Head; Rate of increase of water pressure:60mbar/min; temp. of distilled water: 21°C, fabric face side of water)

Sample A

As received

Test Component	Water Column (cmH <sub>2</sub> O)				
	1#	2#	3#	4#	5#
1- Material	>20.0	>20.0	>20.0	>20.0	>20.0
2- Seam	>20.0	>20.0	>20.0	>20.0	>20.0
3- Tie attachment with tie outside	>20.0	>20.0	>20.0	>20.0	>20.0

Remark: Performance requirement of Hydrostatic Pressure Test: Level 2≥20cmH<sub>2</sub>O, Level 3≥50cmH<sub>2</sub>O;



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Barrier performance of each component and final classification commended.

Test location		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
Critical zone: Area A (Front) & Area B (Sleeve) & Area C(Back)	1-Material	0.2	>20.0	/	Level 2	Level 2
	2-Seam	0.2	>20.0	/	Level 2	
	3-Tie attachment with tie outside	0.2	>20.0	/	Level 2	

Remark:

- 1) 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.
- 2) Level 1: Impact Penetration Test-AATCC 42: ≤4.5g;
- 3) Level 2: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥20cmH<sub>2</sub>O;
- 4) Level 3: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥50cmH<sub>2</sub>O;
- 5) Level 4: In addition to the other tests conducted under levels 1-3, Resistance to Bacteriophage Phi-X174 is tested with ASTM F 1671, and pass.
- 6) Only test the barrier performance of the sample. Label request, construction and other classed in ANSI/AAMI PB70-2012 is not checked.

Sample Photo



Face

Back

Product information is provided by applicant without verification or authentication of the brand.

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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