

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) yellow

Composition : (A) SMS

Lot No. : RY20220501

Manufacturer : Xiantao Ruiyang Protective Products Co., Ltd.

Claimed level : Level 1

Country of Origin : China

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

Sample Receiving Date : May 23, 2022

Testing Period : May 23, 2022 – Jun 01, 2022

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	A	Remark
Section 4.2.1 Water Resistance: Impact Penetration Test	PASS	

Remark(s) : PASS=Meet Client's/General Requirement

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

York Yao (Account Executive)

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Test Result

Personal Protective Equipment - Liquid Barrier Performance and Classification of Protective apparel and Drapes Intended for Use in Health Care Facilities

ANSI/AAMI PB70-2012

ANSI/AAMI PB70: 2012 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	0.0	0.0	0.0	0.0	0.0
2- Seam	0.1	0.1	0.1	0.1	0.1
3- Tie attachment	0.2	0.7	3.5	2.0	1.6
Remark: Performance requirement of Impact Penetration Test: Level 1≤4.5g, Level 2≤1.0g, Level 3≤1.0g;					

Barrier performance of each component and final classification commended.

Test location		Impact Penetration Test AATCC 42 (g)	Hydrostatic Pressure Test AATCC 127 (cmH ₂ O)	Resistance to Bacteriophage Phi-X174 ASTM F 1671	Level	Final classification
Critical zone: Area A (Front) & Area B (Sleeve) & Area C(Back)	Material	0.0	/	/	3	1
	Seam	0.0	/	/	3	
	Tie attachment	3.5	/	/	1	
	Reinforcement layers	/	/	/	/	

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: ≥20cmH₂O;
- 4) Level 3: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127: ≥50cmH₂O;
- 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.



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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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