

Test Report **SL52025256583101TX** **Date: May 14, 2020** **Page 1 of 3**
HUBEI HAIXIN PROTECTIVE PRODUCTS GROUP CO., LTD
ROOM 916/917/918, FLOOR 9, INTERNATIONAL FINANCE CENTER, NO.296 XINHUA ROAD, WUHAN CITY,
HUBEI PROVINCE, CHINA

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

Sample Description : (A) Thumbs up gown blue(Isolation gown)

Style No. : Thumbs Up Gown Blue

Composition : (A)CPE

Sample Color : (A)Blue

Manufacturer : HUBEI HAIXIN PROTECTIVE PRODUCTS GROUP CO., LTD

Supplier : HUBEI HAIXIN PROTECTIVE PRODUCTS GROUP CO., LTD

Sample Receiving Date : May 12, 2020

Testing Period : May 12, 2020 - May 14, 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

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 (Critical zone-back)	0.0	0.0	0.0	0.0	0.0
Remark: 1) Level 1: all critical zone components shall have a blotter weight gain of no more than 4.5grams(g) 2) Level 2: all critical zone components shall have a blotter weight gain of no more than 1.0 grams(g) 3) 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 ₂ 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
Remark: 1) Level 2: all critical zone components shall have a hydrostatic resistance of at least 20cmH ₂ O 2) Level 3: all critical zone components shall have a hydrostatic resistance of at least 50cmH ₂ O					



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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 ₂ 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	
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 ₂ O;					
4) Level 3: Impact Penetration Test-AATCC 42: ≤1.0g; Hydrostatic Pressure Test-AATCC 127:≥50cmH ₂ O;					
5) Level 4: Resistance to Bacteriophage Phi-X174-ASTM F 1671: 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

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End of Report