



中国认可 国际互认 检测 TESTING CNAS L0599

### **Test Report**

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SL52035261850101TX

Date:July 02,2020

Page 1 of 4

XIANTAO ZHONGTAI PROTECTIVE PRODUCTS CO.,LTD NO.3, TAIZI LAKE INDUSTRY PARK, XIANTAO CITY, HUBEI PROVINCE, CHINA

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

Sample Description	:	(A)Isolation gown
Style No.	:	5230
Composition	:	(A)pp+pe
Sample Color	:	(A)blue
No. of Sample	:	11
Sample Receiving Date Testing Period	:	Jun 30, 2020 Jun 30, 2020 - Jul 02, 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 (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
Demark					

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℃, fabric face side of water)

As received

Water Column (cmH <sub>2</sub> O)	1#	2#	3#	4#	5#
Area A (Critical zone-front)	>20.0	>20.0	>20.0	>20.0	>20.0
Area B (Critical zone-sleeve)	>20.0	>20.0	>20.0	>20.0	>20.0
Area C (Critical zone-Back)	>20.0	>20.0	>20.0	>20.0	>20.0
Seam between areas A&B	>20.0	>20.0	>20.0	>20.0	>20.0
Seam between areas A&C	>20.0	>20.0	>20.0	>20.0	>20.0
Seam between areas B&C	>20.0	>20.0	>20.0	>20.0	>20.0

Level 3: all critical zone components shall have a hydrostatic resistance of at least 50cmH<sub>2</sub>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 (cmH2O)	Resistance to Bacteriophage Phi-X174 ASTM F 1671	Level	Final classification
Area A (Critical zone- front)	0.0	>20.0	/	Level 2	
Area B (Critical zone- sleeve)	0.0	>20.0	/	Level 2	
Area C (Critical zone- Back)	0.0	>20.0	/	Level 2	Level 2
Seam between areas A&B	0.0	>20.0	/	Level 2	Level 2
Seam between areas A&C	0.0	>20.0	/	Level 2	
Seam between areas B&C	0.0	>20.0	/	Level 2	

Remark:

 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.

• 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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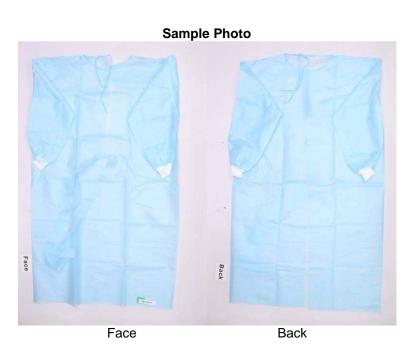
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The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

\*\*\*End of Report\*\*\*



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