



中国认可  
国际互认  
检测  
TESTING  
CNAS L0599

**Test Report**                    **SL52025257043001TX**                    **Date: May 13, 2020**                    **Page 1 of 3**  
Xiantao RHYCOM NON-WOVEN PRODUCTS CO., LTD.  
CHUANGYE ROAD, LONGHUASHAN SUB-DISTRICT, 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.                        : RK-3003B  
Composition                    : (A)63gsm non-woven fabric  
Sample Color                  : (A)blue  
Manufacturer                  : XIANTAO RHYCOM NON-WOVEN PRODUCTS CO., LTD.  
  
Sample Receiving Date        : May 11, 2020  
Testing Period                 : May 11, 2020 - May 13, 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)	0.2	0.5	0.9	0.4	0.6
Area B (Critical zone-sleeve)	1.7	1.1	1.7	2.2	1.6
Area C (Critical zone-back)	0.0	0.0	0.0	0.0	0.0
Seam between areas A&B	1.8	2.5	2.5	2.4	2.0
Seam between areas A&C	2.7	2.3	2.5	3.1	3.3
Seam between areas B&C	2.5	3.4	3.2	3.2	3.3

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 ° 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)	11.0	11.6	12.8	10.7	12.1
Area B (Critical zone-sleeve)	7.34	9.79	8.57	9.28	8.47
Area C (Critical zone-back)	>20.0	>20.0	>20.0	>20.0	>20.0
Seam between areas A&B	8.47	7.96	9.28	8.77	10.3
Seam between areas A&C	9.59	10.6	8.87	10.3	9.08
Seam between areas B&C	7.45	10.0	7.75	10.7	9.59

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



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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)	0.9	10.7	/	Level 1	Level 1
Area B (critical zone-sleeve)	2.2	7.34	/	Level 1	
Area C (Critical zone-back)	0.0	>20.0	/	Level 2	
Seam between areas A&B	2.5	7.96	/	Level 1	
Seam between areas A&C	3.3	8.87	/	Level 1	
Seam between areas B&C	3.4	7.45	/	Level 1	
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: Resistance to Bacteriophage Phi-X174-ASTM F 1671: Pass.					

Sample Photo



Face

Back

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



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