



中国认可
国际互认
检测
TESTING
CNAS L0599

Test Report **SL52025269804601TX** **Date: June 10, 2020** **Page 1 of 4**

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-3003A

Composition : (A) Non-woven fabric

Sample Color : (A) yellow

Manufacturer : XIANTAO RHYCOM NON-WOVEN PRODUCTS CO., LTD

Sample Receiving Date : Jun 08, 2020

Testing Period : Jun 08, 2020 - Jun 10, 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: 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)	13.8	13.4	14.7	13.2	15.4
Area B (Critical zone-sleeve)	12.8	20.5	17.4	20.3	14.6
Area C (Critical zone-Back)	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas A&B	14.0	15.7	19.7	14.9	18.7
Seam between areas A&C	15.4	16.1	26.6	17.2	19.5
Seam between areas B&C	16.9	19.6	17.5	18.2	20.8

Remark:

- Level 2: all critical zone components shall have a hydrostatic resistance of at least 20cmH₂O
- Level 3: all critical zone components shall have a hydrostatic resistance of at least 50cmH₂O

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	0.1	0.2	0.1	0.1
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

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)



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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)	0.2	13.2	/	Level 1	Level 1
Area B (Critical zone-sleeve)	0.0	12.8	/	Level 1	
Area C (Critical zone-Back)	0.0	>50.0	/	Level 3	
Seam between areas A&B	0.0	14.0	/	Level 1	
Seam between areas A&C	0.0	15.4	/	Level 1	
Seam between areas B&C	0.0	16.9	/	Level 1	

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



Face

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End of Report

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