

Test Report SL52025258393401TX Date: May 27, 2020 Page 1 of 4

RIZHAO SANQI MEDICAL & HEALTH ARTICLES CO., LTD
HESHAN INDUSTRY PARK, DONGGANG DISTRICT, RIZHAO, SHANDONG PROVINCE, CHINA

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

Sample Description : (A) Isolation gown with overlock process

Style No. : D010

Composition : (A) 35g Laminated Fabric (18g PP+15g PE)

Sample Color : (A) yellow

Manufacturer : RIZHAO SANQI MEDICAL & HEALTH ARTICLES CO., LTD

Sample Receiving Date : May 25, 2020

Testing Period : May 25, 2020 - May 27, 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)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No. 889, Yishan Road, Xuhui District Shanghai, China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t (86-21) 61402666
t (86-21) 61402666

f (86-21) 64958763
f (86-21) 64958763

www.sgsgroup.com.cn
e sgs.china@sgs.com



Test Report

SL52025258393401TX

Date: May 27, 2020

Page 2 of 4

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)	0.1	0.0	0.1	0.1	0.0
Area B (Critical zone-sleeve)	0.4	0.2	0.5	0.1	0.0
Area C (Critical zone-back)	0.0	0.0	0.0	0.0	0.0
Seam between areas A&B	1.6	0.7	1.7	1.5	1.0
Seam between areas A&C	3.6	4.1	3.5	3.0	2.7
Seam between areas B&C	1.1	0.4	0.4	0.7	0.1

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 ₂ O)	1#	2#	3#	4#	5#
Area A (Critical zone-front)	9.49	11.8	12.3	12.6	13.2
Area B (Critical zone-sleeve)	5.71	8.47	7.24	7.04	8.77
Area C (Critical zone-back)	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas A&B	10.7	9.59	11.1	8.47	11.4
Seam between areas A&C	13.6	8.87	8.06	9.89	10.8
Seam between areas B&C	7.34	9.59	10.5	8.98	9.69

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building, No.889, Yishan Road, Xuhui District Shanghai, China 200233

t (86-21) 61402666 f (86-21) 64958763

www.sgs.com

中国·上海·徐汇区宜山路889号3号楼 邮编: 200233

t (86-21) 61402666 f (86-21) 64958763

sgs.china@sgs.com

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)	0.1	9.49	/	Level 1	Level 1
Area B (Critical zone-sleeve)	0.5	5.71	/	Level 1	
Area C (Critical zone-Back)	0.0	>50.0	/	Level 3	
Seam between areas A&B	1.7	8.47	/	Level 1	
Seam between areas A&C	4.1	8.06	/	Level 1	
Seam between areas B&C	1.1	7.34	/	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.					

Test Report

SL52025258393401TX

Date: May 27, 2020

Page 4 of 4

Sample Photo



Face

Back

End of Report