



中国认可
国际互认
检测
TESTING
CNAS L0599

Test Report **SL52025245960901TX** Date: **May 12, 2020** Page 1 of 3
WORKSPACE CO., LTD
AN SMART CITY, QINGCHENG DIS., QINGYUAN CITY, GUANGDONG CHINA, POST CODE 511515

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

Composition : (A) Polyester fabric
Sample Color : (A) white
Manufacturer : WORKSPACE CO., LTD
Exported to : USA & EU

Sample Receiving Date : Apr 27, 2020
Testing Period : Apr 27, 2020 - May 12, 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)	0.1	0.0	0.1	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:					
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)	24.6	27.6	30.4	25.8	27.4
Seam between areas A&B	41.6	>50.0	>50.0	47.2	49.2
Seam between areas A&C	>50.0	>50.0	>50.0	>50.0	>50.0
Seam between areas B&C	49.8	>50.0	48.1	>50.0	49.4
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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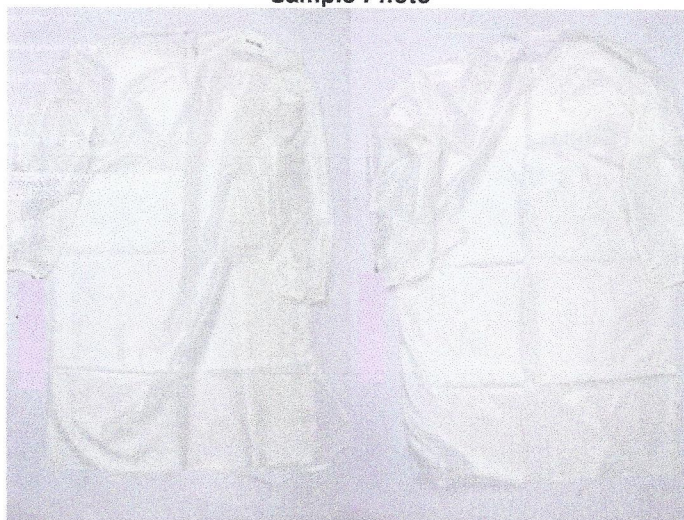
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Barrier performance of each component and final classification commended.

	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 2
Area B (critical zone-sleeve)	0.0	>50.0	/	Level 3	
Area C (Critical zone-back)	0.1	24.6	/	Level 2	
Seam between areas A&B	0.0	41.6	/	Level 2	
Seam between areas A&C	0.0	>50.0	/	Level 3	
Seam between areas B&C	0.0	48.1	/	Level 2	
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.					

Sample Photo



Face

Back

End of Report



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