

Test Report **SL52025258751901TX** **Date: June 08, 2020** **Page 1 of 4**
INTCO MEDICAL TECHNOLOGY CO., LTD
NO.18 QINGTIAN ROAD, QILU CHEMICAL INDUSTRY PARK, LINZI DISTRICT, ZIBO CITY, SHANDONG PROVINCE

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

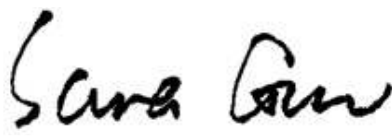
Sample Description : (A) Disposable isolation gown
Composition : (A) 25gsm SMMS
Sample Color : (A) yellow
Country of Destination : Global

Sample Receiving Date : May 27, 2020
Testing Period : Jun 01, 2020 - Jun 08, 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)	0.5	0.3	0.4	0.3	0.2
Area B (Critical zone-sleeve)	0.2	0.2	0.4	0.2	0.2
Area C (Critical zone-Back)	0.6	0.2	0.8	0.4	0.7
Seam between areas A&B	0.2	0.2	0.1	0.0	0.0
Seam between areas A&C	0.0	0.2	0.3	0.3	0.0
Seam between areas B&C	0.3	0.0	0.4	0.1	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)	>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

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



Barrier performance of each component and final classification commended

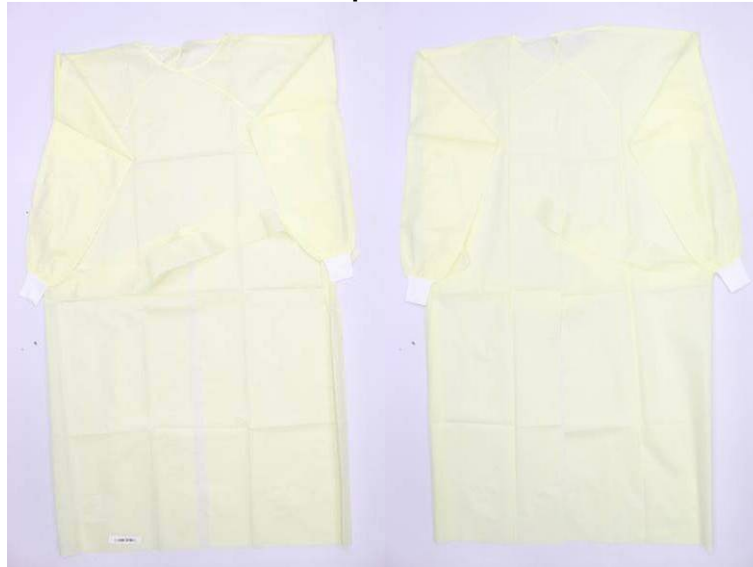
	Impact Penetration Test AATCC 42(g)	Hydrostatic Pressure Test AATCC 127(cmH ₂ O)	Resistance to Bacteriophage Phi-X174 ASTM F 1671	Level	Final classification
Area A (Critical zone-front)	0.5	>20.0	/	Level 2	Level 2
Area B (Critical zone-sleeve)	0.4	>20.0	/	Level 2	
Area C (Critical zone-Back)	0.8	>20.0	/	Level 2	
Seam between areas A&B	0.2	>20.0	/	Level 2	
Seam between areas A&C	0.3	>20.0	/	Level 2	
Seam between areas B&C	0.4	>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: ≥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.



Sample Photo



Face

Back

End of Report

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