

Test Report

(Electronic version)

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No: 21R002075

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Applicant: WUHAN YOUFU INTERNATIONAL TRADE CO.,LTD
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HONGSHAN DISTRICT, WUHAN CITY,HUBEI PROVINCE

Information confirmed by applicant:

Disposable medical protective coverall

Quantity: 10 pieces

Model: coverall(non-sterile)size L

Standard Adopted:

EN 14126:2003/AC:2004 <Protective clothing - Performance requirements and tests methods for protective clothing against infective agents>

Date Received/Date Test Started: 2021-08-24

Conclusion:

The resistance to dry microbial penetration	M
The resistance to wet bacterial penetration	---
Resistance to penetration by synthetic blood	---
Resistance to penetration by blood-borne pathogens	M

Note: "M"-Meet the standard's requirement "F"-Fail to meet the standard's requirement "---"-No comment

Remark:

All the tested items are tested under the standard condition (except for indication).

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The experiment was carried out at No.1, Zhujiang Road, Panyu District, Guangzhou, Guangdong, P.R.China.

Approved By:

Yuan Liu

Yuan Liu Engineer



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The resistance to dry microbial penetration(logCFU)

M

(EN ISO 22612:2005, The fourth generation of spores of bacillus subtilis ATCC 9372,
The concentration of the spores: 2.0×10^8 CFU/g talcum powder, Sample: 12, Vibration
frequency: 20800 Times/min, Vibration time: 30min)

<1

Requirement

≤ 1

(Class 3)

(EN 14126:2003/AC:2004)

The resistance to wet bacterial penetration

(EN ISO 22610:2006, Temp: 24.5°C, RH: 56.0%, The distance of agar to plates brim: 3mm,
Carrier material: 30 μ m polyurethane (PU))
The barrier index 6.0



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Resistance to penetration by synthetic blood

Test Method: ISO 16603:2004

Procedure: D

Use retaining screen

Thickness of specimen (mm): 1# 0.30, 2# 0.31, 3# 0.30

Mass per unit area of specimen (g/m²): 1# 66, 2# 64, 3# 67

Results:

Pressure and time sequence	Specimen		
	1#	2#	3#
0kPa, 5min	Pass	Pass	Pass
1.75kPa, 5min	Pass	Pass	Pass
3.5kPa, 5min	Pass	Pass	Pass
7kPa, 5min	Pass	Pass	Pass
14kPa, 5min	Pass	Pass	Pass
20kPa, 5min	Pass	Fail	Pass
Judgement	20kPa Pass	14kPa Pass	20kPa Pass
Requirement	---		
Judgement standard	---		
Conclusion	---		
Remark	---		



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Resistance to penetration by blood-borne pathogens

Test Method: ISO 16604:2004

Procedure: D

Use retaining screen

Thickness of specimen(mm): 1# 0.32, 2# 0.32, 3# 0.32, average: 0.32

Mass per unit area of specimen(g/m²): 1# 70, 2# 70, 3# 70, average: 70

Results:

Pressure and time sequence	Specimen				
	Control (+)	Control (-)	1#	2#	3#
0kPa, 5min	Seen	None seen	None seen	None seen	None seen
3.5kPa, 5min	Seen	None seen	None seen	None seen	None seen
Assay titer (PFU/ml)	Seen	<1	<1	<1	<1
Pass/Fail	Acceptable	Acceptable	Pass	Pass	Pass
Requirement	Pass Class 3				
Judgement standard	EN 14126:2003/AC:2004				
Conclusion	Pass				

————End of Report————

