

Test Report

(Electronic version)

Verification Website: www.gttc.net.cn

Verification Code: LHNT-1410-24

No: **20R002617**

Issue Date: 2020-07-21

Applicant: HUBEI HUANFU PLASTIC PRODUCTS CO., LTD

Address: No. 188 WANFU STREET, CHENHU TOWN, HANCHUAN CITY, Hubei, 431608, CHINA

Information confirmed by applicant:

Isolation gown

Quantity: 64 pieces

Material: SPP+PE

Standard Adopted:

ANSI/AAMI PB70:2012 <Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities>

Date Received/Date Test Started: 2020-07-20

Conclusion:

Water-proof property[Material,seam] M

Static hydrostatic resistance[Material,seam] M

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

Remark:

This report is the english translation version of the report 20R002616.

The decision indicators are derived from the standard required by client ANSI/AAMI PB70:2012. Our inspection capacity authorized by CMA covers the inspection items ANSI/AAMI PB70:2012.

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

Copies of the report are valid only re-stamped.

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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Water-proof property[Material,seam]

Test Method: AATCC 42-2017

Test principle:

A volume of water is allowed to spray against a taut surface of a test specimen backed by a weighed blotter. The blotter is then reweighed to determine water penetration and the specimen is classified accordingly.

Test equipment:

Impact penetration testers (TNG68 II TYPE)

White AATCC Textile Blotting Paper

Water, distilled, deionized or reverse osmosis

Balance accurate to 0.1 g

The environmental conditions of the laboratory and test condition:

Pretreatment: the specimens and the blotting paper should be conditioned in an atmosphere of $(65 \pm 5)\%$ RH and (21 ± 2) °C for 24 h.

The face side upward

Temperature of the water: 27.0°C



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Results:

Sample	Requirement	The increase in mass of the blotter (g)			Judgement
		Material	Seam		
1	≤1.0g (Ac: 3,Re: 4) AQL: 4% Level 3 ANSI/AAMI PB70:2012	0.0	0.0		Pass
2		0.0	0.0		Pass
3		0.0	0.0		Pass
4		0.0	0.0		Pass
5		0.0	0.0		Pass
6		0.0	0.0		Pass
7		0.0	0.0		Pass
8		0.0	0.0		Pass
9		0.0	0.0		Pass
10		0.0	0.0		Pass
11		0.0	0.0		Pass
12		0.0	0.0		Pass
13		0.0	0.0		Pass
14		0.0	0.0		Pass
15		0.0	0.0		Pass
16		0.0	0.0		Pass
17		0.0	0.0		Pass
18		0.0	0.0		Pass
19		0.0	0.0		Pass
20		0.0	0.0		Pass
21		0.0	0.0		Pass
22		0.0	0.0		Pass
23		0.0	0.0		Pass
24		0.0	0.0		Pass
25		0.0	0.0		Pass
26		0.0	0.0		Pass
27		0.0	0.0		Pass
28		0.0	0.0		Pass
29		0.0	0.0		Pass
30		0.0	0.0		Pass
31		0.0	0.0		Pass
32		0.0	0.0		Pass
Conclusion		Pass			



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Static hydrostatic resistance[Material,seam]

Test Method: AATCC 127-2018

Test principle:

One surface of the test specimen is subjected to a hydrostatic pressure, increasing at a constant rate, until three points of leakage appear on its other surface. The water may be applied from above or below the test specimen.

Test equipment:

Hydrostatic Tester

Water, distilled or de-ionized

The environmental conditions of the laboratory and test condition:

Pretreatment: Condition the test specimens at $(21 \pm 2)^\circ\text{C}$ air at $(65 \pm 5)\%$ RH for 24 h

The face side exposed to water

Temperature of the water: 20.0°C

Rate of increasing water pressure: $61.2\text{cmH}_2\text{O}/\text{min}$



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Results:

Sample	Requirement	Measured value (cmH ₂ O)			Judgement
		Material	Seam		
1	≥50 cmH ₂ O (Ac: 3, Re:4) AQL: 4% Level 3 ANSI/AAMI PB70:2012	137	67.6		Pass
2		132	69.0		Pass
3		143	63.6		Pass
4		124	68.5		Pass
5		120	60.7		Pass
6		144	71.2		Pass
7		117	65.4		Pass
8		121	60.9		Pass
9		119	76.6		Pass
10		113	69.2		Pass
11		140	72.8		Pass
12		130	84.9		Pass
13		116	76.0		Pass
14		112	75.0		Pass
15		126	76.6		Pass
16		131	69.9		Pass
17		147	66.1		Pass
18		142	62.8		Pass
19		138	57.6		Pass
20		136	60.5		Pass
21		144	54.0		Pass
22		142	76.0		Pass
23		137	71.0		Pass
24		125	54.8		Pass
25		102	69.5		Pass
26		103	81.0		Pass
27		128	68.5		Pass
28		134	70.0		Pass
29		131	67.5		Pass
30		127	68.2		Pass
31		109	72.5		Pass
32		117	70.0		Pass
Conclusion		Pass			



—End of Report—