

Test Report

Number: TWNT01818116

Applicant: Kuang Fa Textile Co., Ltd.
16/F., No. 202,
Yen Ping N. Rd., Sec. 2,
Taipei,
Taiwan, R. O. C.

Date Issued: Jun 20, 2020

Sample Description :

One (1) piece of submitted sample said to be 100% Polyester 190T pongee jacquard woven fabric, in White.

Applicant's Provided Care Instruction/Label : -

Date Received/Date Test Started: May 18, 2020

Buyer's Name : -
Agent's Name : -
Submit Sample Status : -
Protective Cloth Purpose : -
Brand Name : -
Manufacturer : -
Part No. : -
Style No. : T1-0005AKN
Size : -
Lot No. : -
PO No. : -
Standard : -

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited

Carol Peng
General Manager



Signed by:



Thomas Chou
Manager



Page 1 of 4

628/elaine



Test Report

Number: TWNT01818116

Reference : Classification of barrier performance of surgical gowns, isolation gowns, other protective apparel, surgical drapes and drape accessories listed below for reference only:

<u>Level</u>	<u>Test</u>	<u>Requirement</u>
1	AATCC 42	≤ 4.5g
2	AATCC 42 AATCC 127	≤ 1.0g ≥ 20 cm
3	AATCC 42 AATCC 127	≤ 1.0 g ≥ 50 cm
4	ASTM F1671 (surgical gowns, isolation gowns and other protective apparel) ASTM F1670 (surgical drapes and drape accessories)	Pass Pass

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited

Carol Peng
General Manager



Signed by:



Thomas Chou
Manager



Test Report

Number: TWNT01818116

Tests Conducted (As Requested By The Applicant)

1 Impact Penetration Test As Received (ANSI/AAMI PB70:2012, Refer To AATCC TM42-2017e):

(Grams Of Water Absorbed)

	<u>Individual Reading</u>
Specimen (1)	Less than 0.1 g
Specimen (2)	Less than 0.1 g
Specimen (3)	Less than 0.1 g
Average	Less than 0.1 g

2 Impact Penetration Test After 20 Washes (ANSI/AAMI PB70:2012, Refer To AATCC TM42-2017e):
Washing Condition : 20 Cycles Of Machine Wash At 105°F, Normal Cycle, Tumble Dry - Medium.

(Grams Of Water Absorbed)

	<u>Individual Reading</u>
Specimen (1)	Less than 0.1 g
Specimen (2)	Less than 0.1 g
Specimen (3)	Less than 0.1 g
Average	Less than 0.1 g

3 Impact Penetration Test After 30 Washes (ANSI/AAMI PB70:2012, Refer To AATCC TM42-2017e):
Washing Condition : 30 Cycles Of Machine Wash At 105°F, Normal Cycle, Tumble Dry - Medium.

(Grams Of Water Absorbed)

	<u>Individual Reading</u>
Specimen (1)	0.1 g
Specimen (2)	0.1 g
Specimen (3)	0.1 g
Average	0.1 g

4 Hydrostatic Pressure Test As Received (ANSI/AAMI PB70:2012, Refer To AATCC TM127-2017(2018)e,
Hydrostatic Head Tester, Pressure Gradient At 60 Mbar/Min Water Pressure):

Specimen (1)	1,361 cm
Specimen (2)	1,385 cm
Specimen (3)	1,309 cm
Average	1,351 cm

Remark : Tested on the face side.



Test Report

Number: TWNT01818116

Tests Conducted (As Requested By The Applicant)

5 Resistance Of Material Used In Protective Clothing To Penetration By Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration As A Test System

As per applicant's request with reference to ASTM F1671M-13.

Sterilization On Samples	: No sterilization
Bacteriophage	: Phi-X174. ATCC 13706-B1
Specimen Exposure Procedure	: <input checked="" type="checkbox"/> A <input type="checkbox"/> B
Retaining Screen Type	: <input checked="" type="checkbox"/> None <input type="checkbox"/> Metal Screen
Compatibility Ratio	: 1.1
Loss Of Phi-X174 Bacteriophage Challenge Titer	: 3.3×10^8 PFU/ml (after testing)
Test Sample	: Submitted samples (3 Pieces Of 75mm x 75mm)
Average Thickness Of Test Specimens ^{#1}	: 0.16 mm
Average Weight Of Test Specimens ^{#2}	: 82.1 g/m ²

Result :

Specimen	Thickness (mm)	Result	Rating
1	0.16	Penetration Does Not Appear	Pass
2	0.16	Penetration Does Not Appear	Pass
3	0.16	Penetration Does Not Appear	Pass

Results of Controls :

Airborne Contamination Controls	: <1 PFU/Plate
Negative Test Sample Controls	: <1 PFU/ml
Positive Test Sample Controls	: 3.3×10^6 PFU/ml
Non-Sterile Material Blank Control	: <1 PFU/ml

Remarks: mm = Millimeter
g/m² = Gram per square meters
PFU /ml = Plaque forming unit per millimeter
PFU /Plate = Plaque forming unit per plate
#1 = According to test method ASTM D1777
#2 = According to test method ASTM D3776

End of Report

Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek-twn.com/terms/>. Intertek's responsibility and liability are limited to the terms and conditions of the agreement.

This report is made solely on the basis of your instructions and / or information and materials supplied by you and provide no warranty on the tested sample(s) be truly representative of the sample source. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. This report does not discharge or release you from your legal obligations and duties to any other person. You are the only one authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

Reporting Statements of Conformity: Please note that the test results contain statement of conformity with the decision rules which are based on the specifications of customers, regulations and standards, and does not consider measurement uncertainty.

