

Test Report

Number: TWNT01726946

Applicant: Erictex Fashion Co., Ltd.
8F., No.23,
Longjiang Rd., Zhongshan Dist.,
Taipei City 104,
Taiwan, R.O.C.

Date Issued: Jul 12, 2019

Sample Description :

One (1) piece of submitted sample said to be 83% Polyester 17% Spandex single jersey knitted fabric, in Clearwater.

Applicant's Provided Care Instruction/Label : -

Date Received/Date Test Started : Jul 10, 2019

Standard : -
Style/Article No. : KS827B
Order No. : -
Mill : -
Buyer's Name : -
Agent's Name : -
Brand Name : -
Ref. : -

Conclusion:

Sun Protective Clothing - Evaluation and Classification #
Air Permeability As Received #

Note : M = Commercially acceptable F = Fail
 N/A = Not applicable # = No comment

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited

Carol Peng
General Manager



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Tests Conducted (As Requested By The Applicant)

1 Sun Protective Clothing - Evaluation and Classification (AS/NZS 4399:2017):

Determination Of The UPF Rating Of A Dry Textile (AS/NZS 4399:2017, Appendix A)

Solar Spectrum Irradiance Used : Noon On 17 January 1990 For Melbourne (38°S)

No. Of Scans : 8

The samples are tested in dry and relaxation state.

The Mean Ultraviolet Protection Factor, UPF_{mean} : 161.46

Standard Deviation Of UPF: 4.23

Standard Error: 5.25

UPF Rating (UPF_{mean} - Standard Error): 50⁺

UPF Classification: Excellent

% Of Mean UVA Transmittance (315-400 nm): 2.80%

% Of Mean UVB Transmittance (290-315 nm): 0.46%



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Sun Protective Clothing - Evaluation and Classification (Cont'd)

Remark :

UPF Classification System (AS/NZS 4399: 2017, Clause 5 Table 1)		
UPF	Classification	Effective UVR penetration, less than or equal to (%)
15	Minimum	6.7
30	Good	3.3
50, 50+	Excellent	2.0

In accordance with AS/NZS 4399:2017, a product to qualify for claims of Ultraviolet Protection Factor (UPF) rating only if the product provides sufficient body surface coverage to offer adequate protection from Ultraviolet Radiation (UVR).

Besides, each product for which a claim or display of A UPF rating and classification against solar UVR is made shall be accompanied by the specified information, presented in a clear and legible manner by means of a fixed or removable label securely attached or tied to the product at the point of sale.

The test results provided herewith is the UPF rating of the fabrication only, it is the manufacturer's responsibility to ensure the final product to qualify for claims of UPF rating and the compliancy in marking and labeling of the product in accordance with AS/NZS 4399:2017.

2 Air Permeability As Received (ASTM D737-2018):

119 cfm
60 cm³/cm²/sec

Remark : Test Pressure = 125 Pa
Test Area = 38cm²

End of Report

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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.

