

Test Report**SL01250700810401TX****Date: Jul 12, 2025****Page 1 of 5****TECHTEX CO.,LTD**

117 CHU VAN AN STREET, WARD 26, BINH THANH DISTRICT, HO CHI MINH CITY, VIETNAM

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

Sample Description : SHORT GLOVES SG25010

Sample Color : Beige

Composition : 57.3% Cotton, 42.7% Polyester

End Use : Short Gloves

Sample Receiving Date : Jul 01, 2025

Testing Period : Jul 01, 2025 - Jul 12, 2025

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

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Conclusion**A****Remark**

Ultraviolet Protection Factor (UPF) See Results

Signed for and on behalf of
SGS Vietnam LTD



Thai Thuy Ngan (Softlines SBU Manager)

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Test Result:
Ultraviolet Protection Factor (UPF)

Test Method: AATCC 183:2020

 Condition test: Air temperature: 21 ± 1 (°C)

 Relative Humidity: 65 ± 2 (%)

Orientation of test specimen: Specimens were clamped in sample holder. Fabric face side is facing the incident UV light

Wave length range: 280-400 (nm)

No. of scans: 6

Test Result:
Sample A

	A-Dry Evaluation	A-Wet Evaluation
Percent Transmittance, T (UV-A)	1.97	2.62
Percent Transmittance, T (UV-B)	0.77	0.73
Percent Transmittance, T (UV-R)	2.90	3.66
The percent blocking, UV-A	98.03	97.42
The percent blocking, UV-B	99.23	99.27
The percent blocking, UV-R	97.10	96.34
Mean Ultra Violet Protection Factor (UPF)	86.87	81.92
Standard deviation (SD):	6.00	5.46
Standard error (E):	10	9
Rate UPF:	50+	50+
Protection Category:	Excellent UV Protection	Excellent UV Protection

- (1) Refer to ASTM D6603, the UV protection category is determined by the UPF values,

UPF 40 or greater	Excellent UV Protection
UPF in between 25 to 39	Very Good UV Protection
UPF in between 15 to 24	Good UV Protection
UPF less than 15	Unclassified

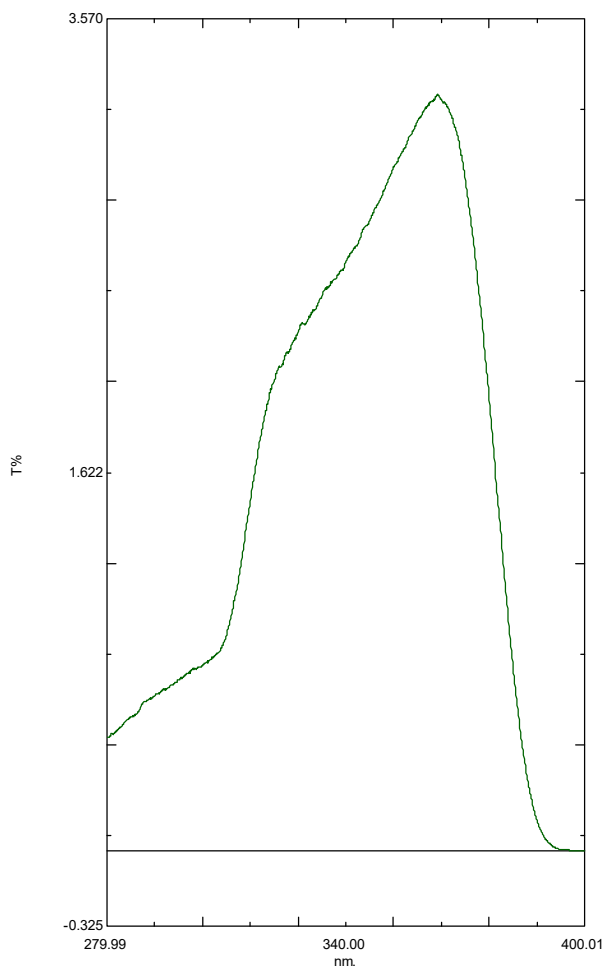
- (2) Ultraviolet Protection Factor (UPF) is the ratio of the average effective ultraviolet radiation (UV-R) irradiance transmitted and calculated through air to the average effective UV-R irradiance transmitted and calculated through fabric.
- (3) The limits of the spectral range of ultraviolet radiation are not well defined and may vary according to the user. Committee E-2.12 of the International Commission on Illumination (CIE) distinguishes in the spectral range between 400 and 100 nm:
 UV-A: 315 - 400 nm
 UV-B: 280 - 315 nm
 UV-R: 280 - 400 nm
- (4) This method can also be used to determine the UPF of the fabrics in a stretched state. However, the techniques for stretching the specimens are not part of this method and are addressed in a separate test procedure. It must be noted that stretching the specimens could change the UPF properties.
- (5) The listed protection category is for reference only, the market claims for labeling UV-Protection product shall follow "Standard Guide For Labeling UV-Protection Textiles" as stated in ASTM D6603.

Note: Graph Appendix & raw data are attached

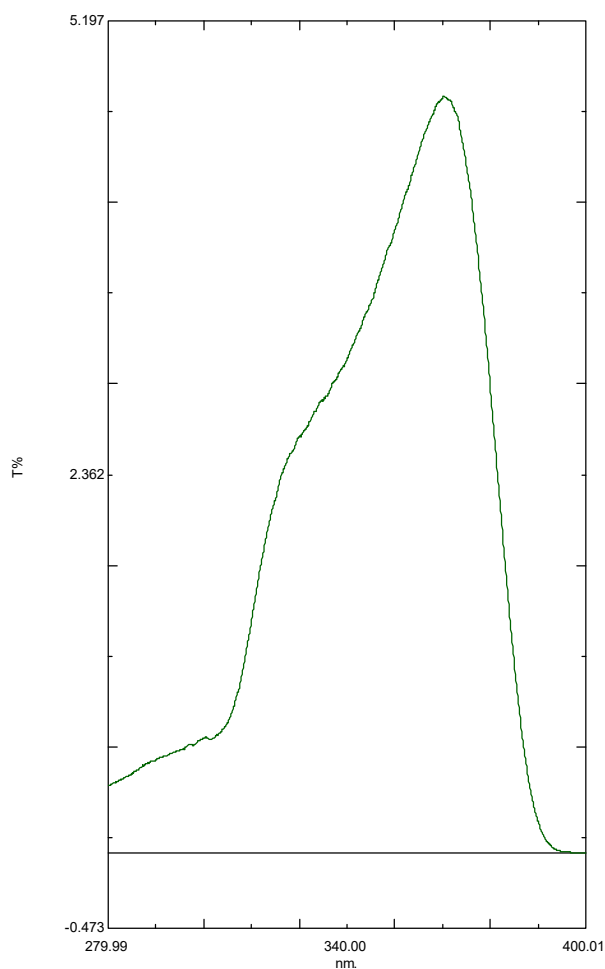
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(A)-Dry Evaluation



(A)-Wet Evaluation



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Sample Photo



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Report results refer to submitted sample(s) only

End of Report

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