

SOCIEDAD IMPORTADORA MARITEX LTDA
MARITEX SPA EI SALTO#1979, CHILE

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

Sample Description : (A-B)WOVEN FABRIC:Poly melange elastic

Sample Color : (A)GREY;(B)OLIVE GREEN

Composition : (A)90%POLYESTER 10%SPANDEX;(B)90%POLYESTER 10%SPANDEX

End Use : (A)OUTDOOR SHIRT;(B)OUTDOOR SHIRT

Style No. : #1700,#1701

Size Range : S-XXL

Supplier : Sportex

Origin : China

Destination : Chile

Retest : No

Sample Receiving Date : Dec 06, 2024 & Dec 17, 2024 (confirm date)

Testing Period : Dec 06, 2024 - Dec 17, 2024

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

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Nanjing Branch

Bella Zhou

Bella Zhou (Account Executive)



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Test Result

Ultraviolet Protection Factor (UPF)

(AATCC TM183-2020e; Test Conditions:

- 1) Test conducted in wavelength range 280-400 nm.
- 2) Instrument: UV-VIS Spectrophotometer.
- 3) No. of Scans: 6.)

A	Unit	Dry Evaluation	Wet Evaluation	Requirement
<u>As Received</u>				
Mean Ultraviolet Protection Factor (UPF)	-	345	160	-
Standard Deviation	-	6.6	2.5	-
Standard Error	-	10.8	4.1	-
UPF Rating	-	50+	50+	-
Protection Category	-	Excellent	Excellent	-
Percent Transmittance, T (UV-A)	%	1.95	4.41	-
Percent Transmittance, T (UV-B)	%	0.06	0.05	-
The Percent Blocking, UV-A	%	98.05	95.59	-
The Percent Blocking, UV-B	%	99.94	99.95	-

B	Unit	Dry Evaluation	Wet Evaluation	Requirement
<u>As Received</u>				
Mean Ultraviolet Protection Factor (UPF)	-	812	485	-
Standard Deviation	-	22.8	20.0	-
Standard Error	-	37.7	33.0	-
UPF Rating	-	50+	50+	-
Protection Category	-	Excellent	Excellent	-
Percent Transmittance, T (UV-A)	%	0.50	1.21	-
Percent Transmittance, T (UV-B)	%	0.06	0.05	-
The Percent Blocking, UV-A	%	99.50	98.79	-
The Percent Blocking, UV-B	%	99.94	99.95	-



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Remarks :

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 Unclassification
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.

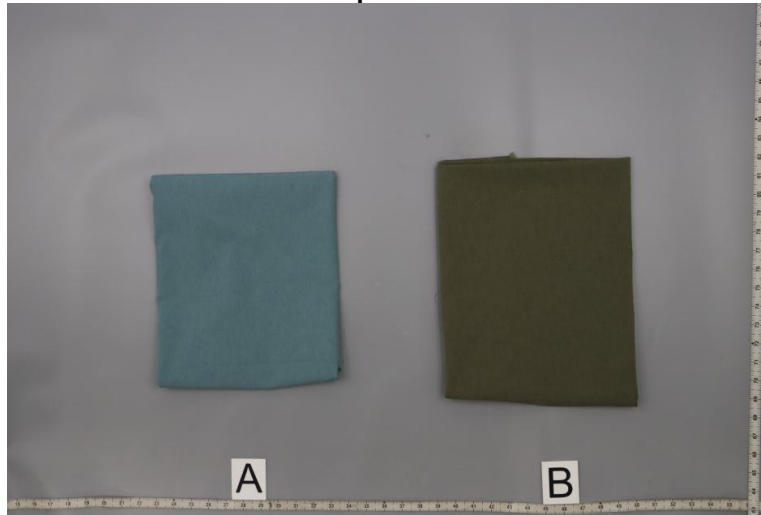


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Sample Photo



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