

GUSTAV MULLER GMBH & CO. KG
RUDOLF-DIESEL-STR. 27D-78532 TUTTLINGEN

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

Sample Description : (A-C)Woven hat

Sample Color : (A)beige;(B)olive;(C)black
Style No. : 168080(1192, 1373)
Country of Destination : Germany

Sample Receiving Date : Nov 18, 2021
Testing Period : Nov 18, 2021 - Nov 22, 2021

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 (Account Executive)



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SGS-CSTC Standards Technical Services Co., Ltd.
Nanjing Branch Textile Laboratory

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Test Result

Ultraviolet Protection Factor (UPF)#

(AS 4399:2020, Appendix A; Test Conditions1) Air temperature: 21±1°C2) Relative humidity: 65±2% R.H.3) Orientation of test specimen: Specimens were clamped on sample holder. Fabric face side is facing the incident UV light.4) Test conducted in wavelength range 290-400 nm5) Instrument:UV-Vis Spectrophotometer model6) No. of Scans: 8)

As Received

	Unit	A	B	C
Mean UPF	-	714	1991	2000
Standard Deviation	-	55.7	10.5	0.0
Standard Error	-	69.1	13.0	0.0
UPF Rating	-	50+	50+	50+
Protection Classification	-	Excellent	Excellent	Excellent
Mean UVA (315-400nm) Transmission	%	0.57	0.05	0.05
Mean UVB (290-315nm) Transmission	%	0.09	0.05	0.05

Remarks :

1. Refer to AS 4399, the UPF classification system is:
 Classification UPF Ratings
 Excellent 50, 50+

2. The results given apply only to the colour and weight of fabric tested. Unless otherwise stated the fabric is tested dry and relaxed.

3. This UPF Rating is for the fabric and does not address the amount of protection which is afforded by the design of the article. The manipulations involved in garment manufacture such as stretching and sewing may lower the UPF of the material.

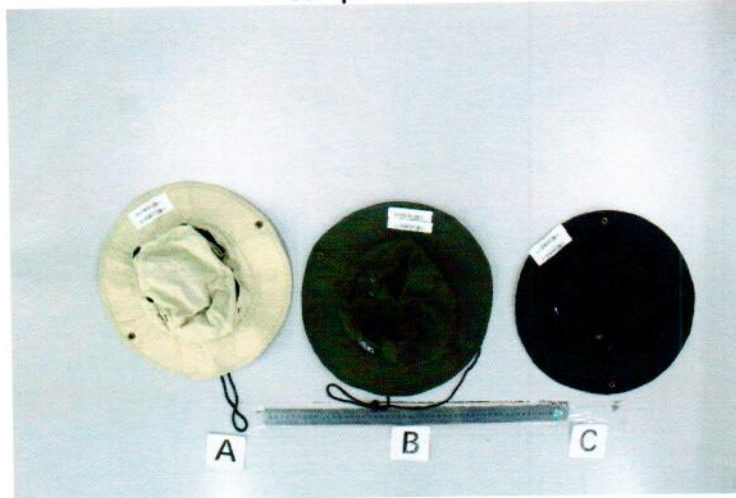
4. The protection offered by this fabric may be lessened :
 i) At points where the fabric is in close contact with the skin such as across the shoulders
 ii) If the fabric is stretched
 iii) If the fabric is wet; and
 iv) With time due to effects of normal wear.

#: This test was carried out by SGS-CSTC Changzhou lab.



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Sample Photo



End of Report



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