Test Report **SL32603343368701TX** **Date:August 18,2026 Page 1 of 4**

SUZHOU VARYTEX CO.,LTD
123-702,NO.1388,DONGFANG AVENUE, SUZHOU, CHINA 215100

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

Sample Description	:	(A)Knitted fabric: 88% Cooling Nylon 12%Spandex Jersey
Sample Color	:	(A)Black
Composition	:	(A)88% cooling nylon 12%spandex
Fabric Reference Code	:	HY26-18-B
Test Performed	:	Selected test(s) as requested by applicant
Sample Receiving Date	:	Aug 12, 2026
Testing Period	:	Aug 12, 2026 - Aug 18, 2026
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).

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Conclusion	A	Remark
Coolness Test	See Results	

Textiles - Solar UV Protective Properties - Part 2: Classification and Marking of Apparel (EN 13758-2:2003+A1:2006)

Conclusion	A	Remark
Clause 4.2 UVR Protection	PASS	

Remark(s) : PASS=Meet General Requirement

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

Betsy Yu

Betsy Yu (Account Executive)

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Test Result

Coolness Test^^

(Q-max;Test Procedure: A heated plate (warmer than the specimen by △T) is pressed on the specimen (It simulates the situation when the fabric touches human skin). The peak value of heat transferred, is q-max.

Test Condition: Temperature: 20±2ºC, Relative Humidity: 65%±4%RH, Test surface:Back Side, ΔT=20ºC)

	A						
As Received	No. 1	No. 2	No. 3	No. 4	No. 5	Average	Requirement
Test Result(W/cm²)	0.279	0.279	0.269	0.261	0.263	0.270	-

Remark:
1. W/cm^2= Watts per square centimeter.
2. Bigger values of q-max are related to feelings of coolness, the higher the q-max value (heat flow), the bigger the cool feeling

Textiles - Solar UV Protective Properties - Part 2: Classification and Marking of Apparel

EN 13758-2:2003+A1:2006

Clause 4.2 UVR Protection

(EN 13758-1:2001+A1:2006;Test Conditions:
1) Test conducted in wavelength range 290-400 nm;
2) Instrument: UV-Vis Spectrophotometer model;
3) No. of Scans: 8)

As Received

-	Unit	**A**	Requirement
Mean UPF	-	309	-
Standard Error	-	14.7	-
Standard Deviation	-	17.6	-
Sample UPF	-	>50	Min.40+
Mean UVA (315-400nm) Transmission	%	0.33	Max.5%
Mean UVB (290-315nm) Transmission	%	0.30	-

Remarks :
1. According to EN 13758-2:2003+A1:2006, in order to fulfill the labelling requirement, below criteria should be met:The clothing assembly shall have the lowest UPF value larger than 40 and average UV-A transmission smaller than 5%. Clothing assembly meet design requirement.
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

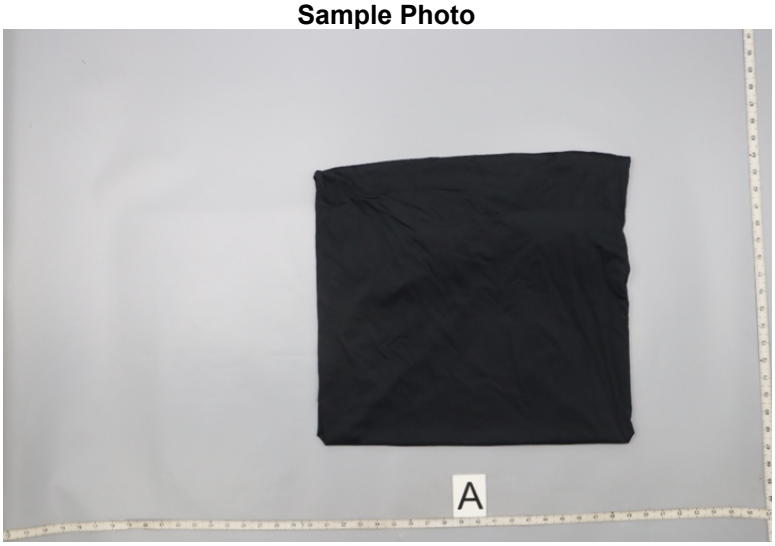
检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Nanjing Branch

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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.
5. For headwear: The item does not provide protection against reflected or scattered solar UVR.

^^: This test was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Hangzhou Branch.
****:These tests are not accredited under the CNAS accreditation scope.**

Sample Photo



Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

End of Report

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