

Test Report

SL52115296158301TX

Date: August 23, 2021

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WUJIANG TUTAIKE TEXTILES & FINISHING CO.,LTD
NO.1599, SOUTH 3RD RING ROAD, SHENGZE, WUJIANG, SUZHOU, JIANGSU

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

Sample Description : (A) Disposable Protective Clothing

Sample Color : (A) White

Style No. : TTK-A01

Proposed Care Instruction : -

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Aug 12, 2021

Testing Period : Aug 17, 2021 - Aug 23, 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).

Comment

	EN 14605:2005+A1 :2009 (Type 3)	EN 14605:2005+A1 :2009 (Type 4)	EN 14126:2003/AC:2004
Abrasion Resistance	Class 3	Class 3	Referring to Type 3/ Type 4 comment
Compression-Folding (Schildknecht) Flex Cracking Resistance	Class 6	Class 6	
Compression-Folding (Schildknecht) Flex Cracking Resistance at -30°C	Class 2	Class 2	

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd Testing Center

Sara Guo (Account Executive)

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Test Result

Personal Protective Equipment - Protective Clothing Against Chemicals - Test Methods and Performance Classification of Chemical Protective Clothing Materials, Seams, Joins and Assemblages

EN 14325:2018

Clause 4.4 Abrasion Resistance

(EN ISO 12947-2:2016; Martindale Abrasion & Pilling Tester, Pressure: 9kPa, Grit 240 abrasion paper.)

A	No. 1	No. 2	No. 3	No. 4	No. 5	Minimum
As Received	No. 1	No. 2	No. 3	No. 4	No. 5	Minimum
The quoted result(Rubs)	>100	>100	>100	>100	>100	>100

Method for end-point determination: Pressure pot method

Recommended Class: 3

Remark:

- 1) Pressure pot method is used for damage assessment before and after abrasion, as given in EN 14325:2018 clause 4.4.2.2. And the maximum resultant value does not exceed 100 Pa in 1 min.
- 2) Hydrostatic head method is used to damage assessment after abrasion, as given in EN 14325:2018 Clause 4.4.2.3, due to the performance of the material could not be evaluated by the pressure pot method. And the average hydrostatic head is above 200mm.
- 3) Visual inspection is used for damage assessment after abrasion, as given in EN 14325:2018 clause 4.4.2.4, due to the performance of the material could not be evaluated by the pressure pot method or hydrostatic head method. If the determination is performed through visual inspection, the maximum classification that can be claimed is a Class 3.
- 4) Classification of abrasion resistance: Class 1 >10rubs; Class 2 >40rubs; Class 3 >100rubs; Class 4 >400rubs; Class 5 >1000rubs; Class 6 >2000rubs.

Clause 4.5 Compression-Folding (Schildknecht) Flex Cracking Resistance

(EN ISO 7854:1997, Method B;)

A	No. 1	No. 2	No. 3	Minimum
As Received	No. 1	No. 2	No. 3	Minimum
Warp/Lengthwise(Cycles)	>50000	>50000	>50000	>50000
Weft/Widthwise(Cycles)	>50000	>50000	>50000	>50000

Method for end-point determination: Pressure pot method

Recommended Class: 6

Remark:

- 1) Pressure pot method is used for damage assessment before and after flex cracking, as given in EN 14325:2018 clause 4.5.2.2. And the maximum resultant value does not exceed 100 Pa in 1 min.
- 2) Hydrostatic head method is used to damage assessment after abrasion, as given in EN 14325:2018 Clause 4.5.2.3, due to the performance of the material could not be evaluated by the pressure pot method. And the average hydrostatic head is above 200mm.
- 3) Visual inspection is used for damage assessment after flex cracking, as given in EN 14325:2018 clause 4.5.2.4, due to the performance of the material could not be evaluated by the pressure pot method or hydrostatic

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head method. Visual inspection shall not be used for the performance classification of Type 1 through Type 3 (EN 943-1, EN 943-2, EN 14605)

4) Classification of leak tightness after compression-folding(Schildknecht) flex cracking resistance: Class 1 >500cycles; Class 2 >1250cycles; Class 3 >3000cycles; Class 4 >8000cycles; Class 5 >20000cycles; Class 6 >50000cycles.

Clause 4.6 Compression-Folding (Schildknecht) Flex Cracking Resistance at -30°C

(EN ISO 7854:1997, Method B;)

A	No. 1	No. 2	No. 3	Minimum
As Received				
Warp/Lengthwise(Cycles)	>200	>200	>200	>200
Weft/Widthwise(Cycles)	>200	>200	>200	>200

Method for end-point determination: Pressure pot method

Recommended Class: 2

Remark:

- 1) Pressure pot method is used for damage assessment before and after flex cracking, as given in EN 14325:2018 clause 4.5.2.2. And the maximum resultant value does not exceed 100 Pa in 1 min.
- 2) Hydrostatic head method is used to damage assessment after abrasion, as given in EN 14325:2018 Clause 4.5.2.3, due to the performance of the material could not be evaluated by the pressure pot method. And the average hydrostatic head is above 200mm.
- 3) Visual inspection is used for damage assessment after flex cracking, as given in EN 14325:2018 clause 4.5.2.4, due to the performance of the material could not be evaluated by the pressure pot method or hydrostatic head method. Visual inspection shall not be used for the performance classification of Type 1 through Type 3 (EN 943-1, EN 943-2, EN 14605)
- 4) Classification of compression-folding(Schildknecht) flex cracking resistance at low temperatures: Class 1 >100cycles; Class 2 >200cycles; Class 3 >500cycles; Class 4 >1000cycles; Class 5 >2000cycles; Class 6 >4000cycles.

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Sample Photo



Face

Back

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report

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