

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

Sample Description : (A)Woven fabric (Canvas, 62% Polyester, 35% Cotton, 3% Spandex, 240 gsm)

Sample Color : (A)GREY

Model No. : CODE.207/CODE.208

Proposed Care Instruction : 10 home washes

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

Sample Receiving Date : Aug 21, 2025

Testing Period : Aug 21, 2025 - Sep 01, 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).

Comment

	EN 13034:2005+A1:2009 (Type 6)	EN 13034:2005+A1:2009 (Type PB [6])
Repellency by Liquids	98% H2SO4: Class 3 25% HNO3: Class 3 38% HCL: Class 3	98% H2SO4: Class 3 25% HNO3: Class 3 38% HCL: Class 3
Resistance to Penetration by Liquids	98% H2SO4: Class 3 25% HNO3: Class 2 38% HCL: Class 2	98% H2SO4: Class 3 25% HNO3: Class 2 38% HCL: Class 2

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

Sara Guo (Account Executive)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Result

Protective Clothing Against Chemicals -Test Methods and Performance Classification of Chemical Protective Clothing Materials, Seams, Joins and Assemblages
EN 14325:2018+A1:2024

Clause 4.12 Repellency by Liquids

(EN ISO 6530:2005;After 10 Washes)

A

Solution: Sulfuric Acid,
Concentration: 98%,
Physical state: liquid,
CAS: 7664-93-9

	No. 1	No. 2	No. 3	Minimum
Warp/One Direction Repellency Index(%)	98.1	98.2	98.6	98.1
Weft/The Other Direction Repellency Index(%)	99.0	98.5	96.9	96.9

Solution: Nitric Acid,
Concentration: 25%,
Physical state: liquid,
CAS: 7697-37-2

	No. 1	No. 2	No. 3	Minimum
Warp/One Direction Repellency Index(%)	95.6	95.0	95.4	95.0
Weft/The Other Direction Repellency Index(%)	95.1	95.2	95.6	95.1

Solution: Hydrochloric Acid, Concentration: 38%, Physical state: liquid, CAS: 7647-01-0

	No. 1	No. 2	No. 3	Minimum
Warp/One Direction Repellency Index(%)	92.8	93.2	94.1	92.8
Weft/The Other Direction Repellency Index(%)	94.8	93.6	93.4	93.4

Recommended Class:
98% H2SO4: Class 3
25% HNO3: Class 3
38% HCL: Class 3

Remark: Classification of repellency to liquids: Class 1 >70%; Class 2 >80%; Class 3 >90%.
Wash procedure: ISO 6330:2021: Using horizontal axis, front-loading type machine; Procedure No.3N, Machine Wash At 30°C; with 2kg total dry mass (Type III (100% Polyester) Ballast+Specimen) and 20±1 g ECE reference detergent 98 without optical brightener, Tumble Dry Normal, Not Exceeding 80°C



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Clause 4.13 Resistance to Penetration by Liquid

(EN ISO 6530:2005; After 10 Washes)

A

Solution: Sulfuric Acid,
Concentration: 98%,
Physical state: liquid,
CAS: 7664-93-9

	No. 1	No. 2	No. 3	Maximum
Warp/One Direction Penetration Index(%)	0.1	0.7	0.9	0.9
Weft/The other Direction Penetration Index(%)	0.2	0.6	0.5	0.6

Solution: Nitric Acid,
Concentration: 25%,
Physical state: liquid,
CAS: 7697-37-2

	No. 1	No. 2	No. 3	Maximum
Warp/One Direction Penetration Index(%)	1.1	1.5	1.3	1.5
Weft/The other Direction Penetration Index(%)	0.7	1.1	1.8	1.8

Solution: Hydrochloric Acid, Concentration: 38%, Physical state: liquid, CAS: 7647-01-0

	No. 1	No. 2	No. 3	Maximum
Warp/One Direction Penetration Index(%)	0.9	0.4	0.8	0.9
Weft/The other Direction Penetration Index(%)	1.0	0.8	0.9	1.0

Recommended Class:
 98% H2SO4: Class 3
 25% HNO3: Class 2
 38% HCL: Class 2

Remark: Classification of resistance to penetration by liquids: Class 1 <10%; Class 2 <5%; Class 3 <1%.

Wash procedure: ISO 6330:2021: Using horizontal axis, front-loading type machine; Procedure No.3N, Machine Wash At 30°C; with 2kg total dry mass (Type III (100% Polyester) Ballast+Specimen) and 20±1 g ECE reference detergent 98 without optical brightener, Tumble Dry Normal, Not Exceeding 80°C



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Scan to see the report



SL52515339617201TX

Verification:
check.sgsonline.com.cn

