

SHANDONG IBOATE SECURITY TECHNOLOGY CO., LTD
701 ZHENGHAI BUILDING, NO. 66 ZHUJIANG ROAD, ECONOMIC AND TECHNOLOGICAL DEVELOPMENT
ZONE, YANTAI, SHANDONG, CHINA

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

Sample Description : (A) Cut Resistant Sleeves
Sample Color : (A) Melange Grey
Composition : (A) HPPE, Polyester, Fiberglass, Steel Wire, Spandex
Style No. : MD0805

Proposed Care Instruction : -

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

Sample Receiving Date : May 25, 2026

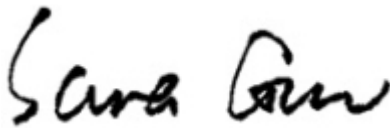
Testing Period : May 28, 2026 - Jun 08, 2026

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).

American National Standard for Hand and Arm Protection Classification (ANSI/ISEA 105-2024)

Conclusion	A	Remark
Section 6.1.1 Cut Resistance	Level A7	

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



Sara Guo (Authorized Signatory)



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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

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Test Result

American National Standard for Hand and Arm Protection Classification ANSI/ISEA 105-2024

Section 6.1.1 Cut Resistance

(ASTM F2992/F2992M-23)

A

As Received	No. 1	No. 2	No. 3	Average
Rating Force(gf)	4212	4241	4145	4199

Recommended level: A7

Remark:

1) Blade Sharpness Correction Factor: 1:0.91 2:0.90 3:0.90

2) Classification for Cut Resistance(weight(grams) needed to cut through material with 20mm of blade travel):
Level A1: ≥ 200gf; Level A2: ≥ 500gf; Level A3: ≥ 1000gf; Level A4: ≥ 1500gf; Level A5: ≥ 2200gf; Level A6: ≥ 3000gf; Level A7: ≥ 4000gf; Level A8: ≥ 5000gf; Level A9: ≥ 6000gf.



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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



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