

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, Spandex
Style No. : MD0803

Proposed Care Instruction : -

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

Sample Receiving Date : May 23, 2026

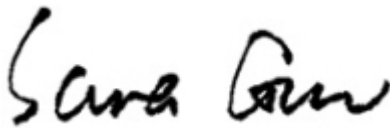
Testing Period : May 28, 2026 - Jun 08, 2026

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 A3	

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)	1356	1376	1337	1356

Recommended level: A3

Remark:

1) Blade Sharpness Correction Factor: 1:0.89 2:0.89 3:0.89

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



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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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