

Test Report

SL52505298757001TX

Date: May 07, 2025 Page 1 of 4

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)PU glove

Sample Color : (A)blue

Composition : (A)PU and acrylic

Style No. : GEM-60

Proposed Care Instruction : -

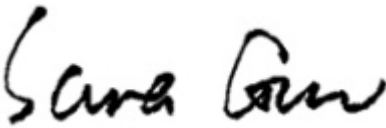
Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Apr 27, 2025

Testing Period : Apr 27, 2025 - May 07, 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).

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



Sara Guo (Account Executive)

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Test Result

Protective Gloves against Mechanical Risks

EN 388:2016+A1:2018

Clause 4.1 Abrasion Resistance

(EN 388:2016+A1:2018, Clause 6.1)

A

As Received	No. 1	No. 2	No. 3	No. 4	Minimum
Abrasion Result(Rubs)	5545	5940	5440	5845	5440

Recommended Level: 3

Remark:

- Performance requirement:
Level 1: 100rubs; Level 2: 500rubs; Level 3: 2000rubs; Level 4: 8000rubs
- Consumables information:
Abradant: Klingspor PL31B Grit 180
Double-sided adhesive tape: Polyken ®

Protective gloves- Blade cut resistance- Coupe test

(BS EN 388:2016+A1:2018)

Sample A

As received

	Unit	C _n	T	C _{n+1}	Index	Index of each Specimen
<u>Specimen 1</u>						
Sequence 1	-	0.9	0.8	0.9	1.9	1.9
Sequence 2	-	0.9	0.8	0.9	1.9	
Sequence 3	-	0.9	0.9	1.0	1.9	
Sequence 4	-	1.0	0.9	1.0	1.9	
Sequence 5	-	1.0	0.9	1.0	1.9	
Sequence 1	-	1.0	0.8	1.0	1.8	2.0
Sequence 2	-	1.0	1.0	1.0	2.0	
Sequence 3	-	1.0	1.0	1.0	2.0	
Sequence 4	-	1.0	1.0	1.0	2.0	
Sequence 5	-	1.0	1.0	1.0	2.0	
Lowest of the Two Average :1.9						

Recommended level : 1

Remark :

- C_n & C_{n+1}= Cut-through cycles of control specimen; T= Cut-through cycles of test specimen;
- Performance requirement : Level 1-1.2, Level 2-2.5, Level 3-5.0, Level 4-10.0, Level 5-20.0
The performance level is defined as the lowest of the two specimen index values.
- Consumables information:
Canvas : STM 611
Blade : RB45-10



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Clause 4.1 Tear Resistance

(EN 388:2016+A1:2018, Clause 6.4)

As Received

-	Unit	A-Outer Layer	A-Inner Layer
In the direction of the glove - 1#	N	79	34
In the direction of the glove - 2#	N	96	47
Across the palm width of the glove -1#	N	96	36
Across the palm width of the glove -2#	N	78	38
Lowest value	N	78	34
The value with highest performance layer(N) 78			

Recommended Level: 4

Remark: Level 1: 10N; Level 2: 25N; Level 3: 50N; Level 4: 75N

Clause 4.1 Puncture Resistance

(EN 388:2016+A1:2018, Clause 6.5)

A

As Received	No. 1	No. 2	No. 3	No. 4	Minimum
Result(N)	63	57	55	60	55

Recommended Level: 1

Remark: Level 1: 20N; Level 2: 60N; Level 3: 100N; Level 4: 150N



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Sample Photo



Product information is provided by applicant without verification or authentication of the brand.

End of Report

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