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

Sample Description	:	(A)Knitted fabric (SA2005)
Sample Color	:	(A)Black
Composition	:	(A)100%UHMWPE KK
End Use	:	(A)glove
Sample Dimension/Size	:	0.5*0.5m
Style No.	:	SA2005
Proposed Care Instruction	:	-
Test Performed	:	Selected test(s) as requested by applicant
Sample Receiving Date	:	Jul 13, 2026
Testing Period	:	Jul 13, 2026 - Jul 21, 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).

Protective Gloves against Mechanical Risks (EN 388:2016+A1:2018)

Conclusion	A	Remark
Clause 4.1 TDM Cut Resistance	Level F	
Clause 4.1 Puncture Resistance	Level 4	

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

Sara Guo (Authorized Signatory)

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Test Result

Protective Gloves against Mechanical Risks
EN 388:2016+A1:2018

Clause 4.1 TDM Cut Resistance
(EN ISO 13997:1999)
Sample _A_

As received

	Unit	1#	2#	3#	4#	5#
Cutting force in cutting stroke length range 5mm to 15mm	N	54.0	52.0	51.0	50.0	50.0
Cutting stroke length in cutting stroke length range 5mm to 15mm	mm	10.8	7.6	12.1	9.4	14.3
Normalized cutting stroke length in cutting stroke length range 5mm to 15mm	mm	9.7	6.8	10.9	8.5	12.9
	Unit	6#	7#	8#	9#	10#
Cutting force in cutting stroke length range 15mm to 30mm	N	49.0	49.0	48.0	48.0	48.0
Cutting stroke length in cutting stroke length range 15mm to 30mm	mm	17.1	18.9	28.9	27.4	26.5
Normalized cutting stroke length in cutting stroke length range 15mm to 30mm	mm	15.4	17.0	26.0	24.7	23.9
	Unit	11#	12#	13#	14#	15#
Cutting force in cutting stroke length range 30mm to 50mm	N	47.0	47.0	47.0	46.0	46.0
Cutting stroke length in cutting stroke length range 30mm to 50mm	mm	38.4	37.6	35.4	44.2	41.5
Normalized cutting stroke length in cutting stroke length range 30mm to 50mm	mm	34.6	33.8	31.9	39.8	37.4
	Unit	Additional cut 1#	Additional cut 2#	Additional cut 3#	Additional cut 4#	Additional cut 5#
Cutting stroke length used the force determined from the curve	mm	22.1	25.4	24.8	26.9	21.6
Normalized cutting stroke length used the force determined from the curve	mm	19.9	22.9	22.3	24.2	19.4

Blade sharpness correction factor : 0.9
Cutting force for 20mm cutting length through the initial fifteen cut test(N) : 48.6
Cutting force derived from all the data points(N) : 48.7
Recommended Level: F

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