



SHANGHAI

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中国认可
国际互认
检测
TESTING
CNAS L4577

TEST REPORT

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Report No.: S250302110_2

10 April 2025

mark_zhang@raxwell.cn

APPLICANT: RAXWELL INDUSTRIAL TECHNOLOGY
CO., LTD 瑞氮维尔工业科技有限公司
(C53204)

太仓市沙溪镇沙南西路488号
· SUZHOU JIANGSU
CHINA

Date of receipt : 12 Mar. 2025

Testing period : 14 Mar. 2025

: 17 Mar. 2025

Buyer: —**Sample description:** Raxwell 防切割手套, PU涂层

Test(s) requested : —

Service : REGULAR

Brand / Section : —

Season : —

End use : —

Factory name : —

Factory code : —

Revision : Amend test information.

Previous report : —

Product category : —

Product type : —

Test stage : FIRST TEST

Supplier name : —

Exported to : —

1. Conclusion:

	Tests description	Result
	EN 388:2016+A1:2018	
1	Abrasion resistance: 2016	Level 4
2	Cutting resistance TDM	Level D
3	Tear strength resistance: 2016	Level 4
4	Puncture resistance: 2016	Level 3

Pass: requirements met Fail: requirements not met None: no requirement for this test N/A: not applicable

Approved by

Henry YAN 严滨
Laboratory Manager

This test report in version S250302110_2 supersedes the report S250302110_1

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To conclude the conformity to the requirement, the uncertainty of measurement, associated to the test results, has not been taken into account.



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2. Sample(s) description assigned by laboratory:

<u>Size</u>	<u>Analyzed product</u>	<u>Description</u>	<u>Sample information</u>
	GLOVE	Palm	



250302110



250302110-2

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3. GLOVE/

Palm

	Method	Client Requirement	Unit	Result	Conformity
(+) 4.1. Abrasion resistance: 2016 used consumables - abrasive used consumables - adhesive Number of cycles at the hole detection Number of cycles at the hole detection (2) Number of cycles at the hole detection (3) Number of cycles at the hole detection (4) Performance level	EN 388:2016 + A1:2018			Klingspor PL31B Grit 180 3M Scotch >8000 >8000 >8000 >8000 4	
(+) 4.1. Cutting resistance TDM used consumables - blade Coefficient of variation Adjusted factor for blade with neoprene Mean cut length on neoprene for a load of 5.0 N Normalized cutting stroke lengths Normalized cutting stroke lengths (2) Normalized cutting stroke lengths (3) Normalized cutting stroke lengths (4) Normalized cutting stroke lengths (5) Mean normalized cutting stroke length Cut load adjusted for a cut length of 20 mm Performance level	EN ISO 13997:1999		% mm mm mm mm mm mm mm N	20240694 3.4 0.94 21.1 25.7 14.8 16.5 18.0 24.0 19.8 16.9 Level D	

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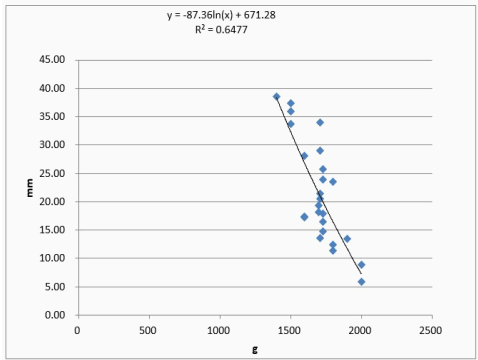
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	Method	Client Requirement	Unit	Result	Conformity
					
(+) 4.1. Tear strength resistance: 2016	EN 388:2016 + A1:2018				
Tear strength			N	>75	
Tear strength (2)			N	>75	
Tear strength (3)			N	>75	
Tear strength (4)			N	>75	
Performance level				4	
(+) 4.1. Puncture resistance: 2016	EN 388:2016 + A1:2018				
Puncture resistance			N	114	
Puncture resistance (2)			N	116	
Puncture resistance (3)			N	126	
Puncture resistance (4)			N	112	
Performance level				3	

END OF TEST REPORT

(+)CNAS accreditation

Table of Performance Level for Glove

Test Item	Performance Level					
	0##	1	2	3	4	5
Abrasion Resistance (EN 388) Number of cycles (minimum)	<100	100	500	2000	8000	---
Tear Resistance (EN 388) Force (N) (minimum)	<10	10	25	50	75	---

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Puncture Resistance (EN 388) Force (N) (minimum)	<20	20	60	100	150	---
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Performance level 0 means the glove falls below the minimum performance level for the given individual hazard

Levels of performance for materials tested with EN ISO 13997

	Level A	Level B	Level C	Level D	Level E	Level F
6.3 TDM: cut resistance (N)	2	5	10	15	22	30

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