

TEST REPORT

Applicant : ZOUNDS INDUSTRIES
Address : DEFENCE ROAD AKBAR ABAD SIALKOT PAKISTAN
Manufacturer : ZOUNDS INDUSTRIES
Address : DEFENCE ROAD AKBAR ABAD SIALKOT PAKISTAN

Report on the submitted sample said to be:

Sample name : IMPACTION GLOVES
Trade name : IMPEC
Model : ZD-8999, ZD-8997, ZD-8998
Sample received date : Jan. 02, 2020
Testing period : Jan. 02, 2020 to Jan. 06, 2020

Tests Conducted:	Method	Result
Gloves - Blade Cut Resistance	EN 388:2016	Level 4
Gloves - Puncture Resistance	EN 388:2016	Level 4
Gloves - Cut Resistance	EN 388:2016	Level D
Gloves - Abrasion Resistance	EN 388:2016	Level 4
Gloves - Tear strength	EN 388:2016	Level 2
Gloves - Sizing	EN 420:2003+ A1: 2009	Size 11
Gloves - Dexterity	EN 420:2003+ A1: 2009	Level 4

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of POCE LTD

Prepared by(Engineer) : Eva

Approved (Manager) : Michael Mo



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TESTING:

Testing was carried out in accordance with EN 420: 2003 + A1: 2009 & EN 388: 2016.

Unless otherwise stated, samples were conditioned for at least 24 hours in a controlled environment maintained at $(23 \pm 2) ^\circ\text{C}$ and $(50 \pm 5) \%$ relative humidity. Testing was carried out within the same environment

REQUIREMENTS

Table 1 – Levels of performance for EN 388: 2016

Test	Level 1	Level 2	Level 3	Level 4	Level 5
6.1 Abrasion resistance (number of rubs)	100	500	2000	8000	—
6.2 Blade cut resistance (index)	1.2	2.5	5.0	10.0	20.0
6.4 Tear resistance (N)	10	25	50	75	—
6.5 Puncture resistance (N)	20	60	100	150	—

Table 2 –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

TEST RESULTS

EN 420: 2003 CLAUSE / TEST	TEST RESULTS		UoM (See note 1)	P/F
	Total length (mm)	Size		
5.1 Glove length	270	11	± 0.3 mm	Size 11
	270	11		
	270	11		
5.2 Dexterity	Size Minimum pin diameter / mm 7.2		± 0.3 mm	Level 4

EN 388: 2016 CLAUSE / TEST	EN 388: 2016 REQUIREMENT	TEST RESULTS	UoM (See note 1)	Result	
6.1 Abrasion resistance	See table 1	8016	± 0.3%	Level 4	
6.2 Blade cut resistance	See table 1	Index(1)		± 0.3%	Level 4
		Test 1	Test 2		
		15.6	15.4		
		15.7	15.3		
		15.5	15.5		
15.4	15.3				
6.3 Cut Resistance method	See table 2	16.5	± 0.3%	Level D	
6.4 Tear resistance	See table 1	42.5	± 0.3%	Level 2	
6.5 Puncture resistance	See table 1	183	± 0.3%	Level 4	

PHOTOS

Photo 1



Photo 2



Photo 3



Photo 4



TEST REPORT

2022EP0603

DATE OF RECEPTION

28/04/2022

DATE TESTS

Starting: 28/04/2022

Ending: 12/05/2022

APPLICANT

ZOUNDS INDUSTRIES
P.O Defence Road, Akbar Abad
Sialkot - Pakistan
PK-51310
Pakistan

Att. Yakib

IDENTIFICATION AND DESCRIPTION OF SAMPLES

REFERENCES

SUMMER FR COVERALL (ZNDSCIFR-001)

TESTS CARRIED OUT

- SAMPLE IDENTIFICATION.
- PRE-TREATMENT FOR DOMESTIC WASHING AND DRYING PROCEDURES FOR TEXTILE TESTING.
- PROTECTIVE CLOTHING AGAINST HEAT AND FLAME – TEST METHOD FOR COMPLETE GARMENTS – PREDICTION FOR BURN INJURY USING AN INSTRUMENTED MANIKIN.

Tests marked with * are not included within the scope of the ENAC accreditation.

