

TEST REPORT

COMPANY NAME: MECDEX (LIBERMANN INTERNATIONAL) Report No.:

ADDRESS

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TEL: +92 52 3252201-2 FAX: +92 52 3252208 **Report No.:** FTL-238/081017

TRF No.: FTL-238/081017

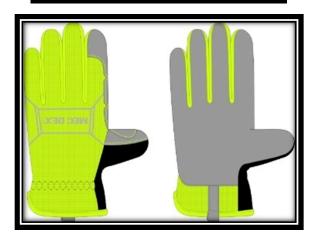
Date In: 8th Oct 2017 **Date Out:** 12th Oct 2017

No. Of Working Days: 04 Days **Page:** 1 of 4

Pretest for Buyer Not Listed

Sample Description:	Functional Safety Gloves			
Color(s):	Grey/Hi Vis Yellow			
GSM / Thickness:	-			
Production Gate Pass (PGP):	Not Listed			
Article No(s):	FS-711 (Functional)			
Reference:	Not Listed			
Quantity Submitted:	06 Pairs			
Country of Destination:	Europe			
Customer:	Not Listed			
End Use:	Gloves			
Submitted Fiber Content:	Not Listed			
Test Requested:	EN: 388, EN: 420, ANSI/ISEA 105-11			
Submitted Care Instruction:	Not Listed			

PHOTO OF THE SUBMITTED SAMPLE



FIRST TESTING LAB AUTHORIZED SIGNATORIES

Test Conducted by

Test Checked by

Approved by

Please Contact:

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SUMMARY OF TEST RESULTS

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TEST PROPERTY	Standard Method	Results	Comments
ABRASION RESISTANCE	BS: EN: 388	Level-2	
BLADE CUT RESISTANCE	BS: EN: 388	Level-1	
TEAR RESISTANCE	BS: EN: 388	Level-2	
PUNCTURE RESISTANCE	BS: EN: 388	Level-1	
DEXTERITY	BS: EN: 420	Level-5	
Sizing	BS: EN: 420	Pass	
BLADE CUT RESISTANCE	ANSI/ISEA 105-11	Level-1	
PUNCTURE RESISTANCE	ANSI/ISEA 105-11	Level-2	
ABRASION RESISTANCE	ANSI/ISEA 105-11	Level-3	

Parameter	According to EN:388: 2016	Test Requ	irement	Test Results	Remarks
Abrasion Resistance (Cycles) Tested – Palm Portion Used abradant: Klingspor PL 31 B	Clause 6.1	Level of Performance 1 2 3 4	Number of Cycles 100 500 2000 8000	1900 Cycles	Compiles with Level -2
Blade Cut Resistance (i) Tested – All Layers Together. Blade Thickness – 0.3 mm Angle of Blade – 24°	Clause 6.2	Level of Performance 1 2 3 4 5	1.2 2.5 5.0 10.0 20.0	Average 1 – 1.3 Average 2 – 1.3	Level-1
Tear Resistance (Newton) Tested – All Layers Together.	Clause 6.4	Level of Performance 1 2 3 4	Strength (N) 10 25 50 75	26.99 Newton	Level-2
Puncture Resistance (Newton) Tested – All Layers Together	Clause 6.5	Level of Performance 1 2 3 4	20 60 100 150	32.35 Newton	Level-1

The specified performance levels only valid for the palm area.



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Parameter	According to EN: 420:2003	Test Ro	equirement	Test Results	Remarks	
Sizing in millimeters (mm)	Clause 5.1	Size Submitted Size: Small, Medium, Large, X-Large, XX-Large, XXX-Large		Submitted Size: Small, Medium, Large, X- <u>Small</u>		PASS
Dexterity in millimeters (mm)	Clause 5.2	Level of Performance 1 2 3 4 5	Diameter of Pins (mm) 11 9.5 8 6.5 5	Pin – 5 mm	Level-5	



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Parameter	According to ANSI/ISEA 105-11	Test Requir	ement	Test Results	Remarks
Blade Cut Resistance	Clause 1	Level of Performance 0 1 2 3 4 5	Strength (grams) < 200 ≥ 200 ≥ 500 ≥ 1000 ≥ 1500 ≥ 3500	> 200 grams	Level-1
Puncture Resistance (Newton) Tested – All Layers Together	Clause 2	Level of Performance 0 1 2 3 4 5	Strength (Newton) < 10 ≥ 10 ≥ 20 ≥ 60 ≥ 100 ≥ 150	32.35 Newton	Level-2
Abrasion Resistance (Cycles) Tested – Material of Palm Used Abrasive wheel: H-18	Clause 3	Level of Performance With 500 gram 0 1 2 3 With 1000 gram 4 5 6	< 100 ≥ 100 ≥ 500 ≥ 1000	1150 Cycles	Compiles with Level-3

The above specified result valid for glove model.

"End of Report"