

FAX:

TEST REPORT

COMPANY NAME: MECDEX (LIBERMANN INTERNATIONAL) Report No.: FTL-205/081017

ADDRESS

HARRAR, WAZIRABAD ROAD,

TRF No.: FTL-205/081017

SIALKOT, PAKISTAN

Date In:

Date Out:

8th Oct 2017

12th Oct 2017

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 No. Of Working Days:
 04 Days

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 Not Listed

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Chain Saw Gloves Sample Description: White/Orange/Black Color(s): GSM / Thickness: Production Gate Pass (PGP): Not Listed CS-821 (Superior Cutter) Article No(s): Reference: Not Listed 06 Pairs **Quantity Submitted: Country of Destination:** Europe Not Listed **Customer:** 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:

For any Technical Issues: Mr. Rehan Qamar

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SUMMARY OF TEST RESULTS

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TEST PROPERTY	Standard Method	Results	Comments
ABRASION RESISTANCE	BS: EN: 388	Level-4	
BLADE CUT RESISTANCE	BS: EN: 388	Level-1	
TEAR RESISTANCE	BS: EN: 388	Level-3	
PUNCTURE RESISTANCE	BS: EN: 388	Level-2	
SIZING	BS: EN: 420	Pass	
DEXTERITY	BS: EN: 420	Level-5	
BLADE CUT RESISTANCE	ANSI/ISEA 105-11	Level-1	
PUNCTURE RESISTANCE	ANSI/ISEA 105-11	Level-3	
ABRASION RESISTANCE	ANSI/ISEA 105-11	Level-4	

Parameter	According to EN:388:2016	Test Requirement		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	> 8000 Cycles	Compiles with Level -4
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 - > 2.3 Average 2 - > 2.2	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	68.4 Newton	Level-3
Puncture Resistance (Newton) Tested – All Layers Together	Clause 6.5	Level of Performance 1 2 3 4	20 60 100 150	74.68 Newton	Level-2

The specified performance levels only valid for the palm area.



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Parameter	According to EN:420:2003	Test Re	equirement	Test Results	Remarks
Sizing in millimeters (mm)	Clause 5.1	Submitted Size: Sm	Size lall, Medium, Large, X- large, XXX-Large	Lab Analysis Small Length of Glove-230 Hand Length- 175 Circumference- 190 Size 7 Medium Length of Glove-240 Hand Length- 185 Circumference- 215 Size 8 Large Length of Glove-250 Hand Length- 200 Circumference- 225 Size 9 X-Large Length of Glove-260 Hand Length- 210 Circumference- 235 Size 10 XX-Large Length of Glove-270 Hand Length- 215 Circumference- 245 Size 11 XXX-Large Length of Glove-280 Hand Length- 225 Circumference- 255 Size	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

The above specified result valid for glove model.



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Parameter	According to ANSI/ISEA 105-11	Test Requirement		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	74.68 Newton	Level-3
Abrasion Resistance (Cycles) Tested – Material of Palm Used Abrasive wheel: H-18	Clause 3	Level of Performance With 500 grams 0 1 2 3 With 1000 grams 4 5 6	< 100 ≥ 100 ≥ 500 ≥ 1000	6700 Cycles	Compiles with Level - 4

The specified performance levels only valid for the palm area.

"End of Report"