

TEST REPORT

COMPANY NAME:	MECDEX (LIBERMANN INTERNATIONAL)	Report No.:	FTL-228/081017
ADDRESS	HARRAR, WAZIRABAD ROAD, SIALKOT, PAKISTAN	TRF No.:	FTL-228/081017
EMAIL:	ali.anwar@libermann.com	Date In:	8 th Oct 2017
ATTN:	Ali Anwar	Date Out:	12 th Oct 2017
TEL:	+92 52 3252201-2	No. Of Working Days:	04 Days
FAX:	+92 52 3252208	Page:	1 of 4
		Pretest for Buyer	Not Listed

Sample Description:	Performance Gloves
Color(s):	Black/Hi Vis Orange/Hi Vis Yellow
GSM / Thickness:	-
Production Gate Pass (PGP):	Not Listed
Article No(s):	PR-731 (Vibration Silence)
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:

For any Technical Issues: Mr. Rehan Qamar

Tel: +92 52 3252201 – 05

Fax: +92 52 3252208

Email: lab@nizamsons.com , lab@libermann.com

FIRST TESTING LAB.

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This report is tested in **FIRST TESTING LAB**, and testing purpose is Quality Assurance of product according to British, European or American Standards. Our report includes all of the tests requested by the customer and the results thereof based upon the information that you provide us. You have 60 days from the date of issuance of this report to notify us of any material error or omission caused by our negligence; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise.

Parameter	According to EN:420:2003	Test Requirement	Test Results	Remarks												
Sizing in millimeters (mm)	Clause 5.1	Size	Lab Analysis	PASS												
		Submitted Size: Small, Medium, Large, X-Large, XX-Large, XXX-Large	<p><u>Small</u> Length of Glove-230 Hand Length- 175 Circumference- 190 Size 7</p> <p><u>Medium</u> Length of Glove-240 Hand Length- 185 Circumference- 215 Size 8</p> <p><u>Large</u> Length of Glove-250 Hand Length- 200 Circumference- 225 Size 9</p> <p><u>X-Large</u> Length of Glove-260 Hand Length- 210 Circumference- 235 Size 10</p> <p><u>XX-Large</u> Length of Glove-270 Hand Length- 215 Circumference- 245 Size 11</p> <p><u>XXX-Large</u> Length of Glove-280 Hand Length- 225 Circumference- 255 Size 11</p>													
Dexterity in millimeters (mm)	Clause 5.2	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Level of Performance</th> <th style="text-align: center;">Diameter of Pins (mm)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">11</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">9.5</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">8</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">6.5</td> </tr> <tr> <td style="text-align: center;">5</td> <td style="text-align: center;">5</td> </tr> </tbody> </table>	Level of Performance	Diameter of Pins (mm)	1	11	2	9.5	3	8	4	6.5	5	5	Pin – 6.5 mm	Level-4
Level of Performance	Diameter of Pins (mm)															
1	11															
2	9.5															
3	8															
4	6.5															
5	5															

The above specified result valid for glove model.

Parameter	According to ANSI/ISEA 105-11	Test Requirement	Test Results	Remarks																				
Blade Cut Resistance	Clause 1	<table border="1"> <thead> <tr> <th>Level of Performance</th> <th>Strength (grams)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>< 200</td> </tr> <tr> <td>1</td> <td>≥ 200</td> </tr> <tr> <td>2</td> <td>≥ 500</td> </tr> <tr> <td>3</td> <td>≥ 1000</td> </tr> <tr> <td>4</td> <td>≥ 1500</td> </tr> <tr> <td>5</td> <td>≥ 3500</td> </tr> </tbody> </table>	Level of Performance	Strength (grams)	0	< 200	1	≥ 200	2	≥ 500	3	≥ 1000	4	≥ 1500	5	≥ 3500	> 1000 grams	Level-3						
Level of Performance	Strength (grams)																							
0	< 200																							
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Puncture Resistance (Newton) Tested – All Layers Together	Clause 2	<table border="1"> <thead> <tr> <th>Level of Performance</th> <th>Strength (Newton)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>< 10</td> </tr> <tr> <td>1</td> <td>≥ 10</td> </tr> <tr> <td>2</td> <td>≥ 20</td> </tr> <tr> <td>3</td> <td>≥ 60</td> </tr> <tr> <td>4</td> <td>≥ 100</td> </tr> <tr> <td>5</td> <td>≥ 150</td> </tr> </tbody> </table>	Level of Performance	Strength (Newton)	0	< 10	1	≥ 10	2	≥ 20	3	≥ 60	4	≥ 100	5	≥ 150	58.85 Newton	Level-2						
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Abrasion Resistance (Cycles) Tested – Material of Palm Used Abrasive wheel: H-18	Clause 3	<table border="1"> <thead> <tr> <th>Level of Performance</th> <th>Number of Cycles</th> </tr> </thead> <tbody> <tr> <td colspan="2">With 500 grams Weight</td> </tr> <tr> <td>0</td> <td>< 100</td> </tr> <tr> <td>1</td> <td>≥ 100</td> </tr> <tr> <td>2</td> <td>≥ 500</td> </tr> <tr> <td>3</td> <td>≥ 1000</td> </tr> <tr> <td colspan="2">With 1000 grams Weight</td> </tr> <tr> <td>4</td> <td>≥ 3000</td> </tr> <tr> <td>5</td> <td>≥ 10000</td> </tr> <tr> <td>6</td> <td>≥ 20000</td> </tr> </tbody> </table>	Level of Performance	Number of Cycles	With 500 grams Weight		0	< 100	1	≥ 100	2	≥ 500	3	≥ 1000	With 1000 grams Weight		4	≥ 3000	5	≥ 10000	6	≥ 20000	2600 Cycles	Compiles with Level - 3
Level of Performance	Number of Cycles																							
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The specified performance levels only valid for the palm area.

“End of Report”