

TEST REPORT

COMPANY NAME: MECDEX
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Report No.: FTL-513/121219
TRF No.: FTL-513/121219
Date In: 12th Dec 2019
Date Out: 16th Oct 2019
No. Of Working Days: 07 Days
Page: 1 of 4
Pretest for Buyer Not Listed

Sample Description:	Auto Man Grip Gloves
Color(s):	Grey / Hi Viz Orange
Lab Id Color(S):	Grey / Hi Viz Orange
P.O. No(s):	Not Listed
Article No(s):	AP-852
Season:	Not Listed
Quantity Submitted:	07 Pairs
Country of Origin:	Pakistan
Country of Destination:	Europe
Dept:	Not Listed
End Use:	Not Listed

Submitted Fiber Content:	Not Listed
Multi Layers	Silicon Printed Synthetic Leather + 2-Way & Lightweight Stretchable Spandex + Neoprene
Test Requested:	EN 388: 2016 + A1: 2018, EN 420: 2003 + A1: 2009
Submitted Care Instruction:	Not Listed
Suggested Care Instruction:	Not Listed

If Retest

Previous Report No.:	Not Listed
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If Revision

Reason For Revision	Not Listed
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PHOTO OF THE SUBMITTED SAMPLE



Require Tests & Detail

Test Name:

Abrasion Resistance
Blade Cut
Tear Resistance
Puncture Resistance
Sizing
Dexterity

EN 388: 2016 + A1: 2018
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EN 388: 2016 + A1: 2018
EN 388: 2016 + A1: 2018
BS EN 420: 2003 + A1: 2009
BS EN 420: 2003 + A1: 2009

**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

SUMMARY OF TEST RESULTS

TEST PROPERTY	Standard Method	Results	Comments
ABRASION RESISTANCE	EN 388: 2016 + A1: 2018	Level-3	
BLADE CUT RESISTANCE	EN 388: 2016 + A1: 2018	Level-1	
TEAR RESISTANCE	EN 388: 2016 + A1: 2018	Level-2	
PUNCTURE RESISTANCE	EN 388: 2016 + A1: 2018	Level-1	
SIZING	BS EN 420: 2003 + A1: 2009	See Results	
DEXTERITY	BS EN 420: 2003 + A1: 2009	Level-5	

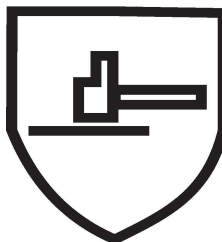
Parameter	EN 388: 2016 + A1: 2018	Test Requirement	Test Results	Remarks										
Abrasion Resistance (Cycles) Tested – Palm Portion Used abrasant: Klingspor PL 31 B	Clause 6.1	<table border="1"> <thead> <tr> <th>Level of Performance</th> <th>Number of Cycles</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100</td> </tr> <tr> <td>2</td> <td>500</td> </tr> <tr> <td>3</td> <td>2000</td> </tr> <tr> <td>4</td> <td>8000</td> </tr> </tbody> </table>	Level of Performance	Number of Cycles	1	100	2	500	3	2000	4	8000	2950 Cycles	Compiles with Level - 3
		Level of Performance	Number of Cycles											
		1	100											
		2	500											
		3	2000											
4	8000													
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Level of Performance	Index (i)													
1	≥ 1.2													
2	≥ 2.5													
3	≥ 5.0													
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5	≥ 20.0													
<table border="1"> <thead> <tr> <th>Level of Performance</th> <th>Strength (N)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10</td> </tr> <tr> <td>2</td> <td>25</td> </tr> <tr> <td>3</td> <td>50</td> </tr> <tr> <td>4</td> <td>75</td> </tr> </tbody> </table>	Level of Performance	Strength (N)	1	10	2	25	3	50	4	75	> 25 & < 50 Newton	Level-2		
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The specified performance levels are valid for only the palm area of this glove.

Parameter	EN 420: 2003 + A1: 2009	Test Requirement	Test Results	Remarks												
Sizing in millimeters (mm)	Clause 5.1	Size	Lab Analysis	Fit for Special Purpose												
		Submitted Size: Small, Medium, Large, X-Large, XX-Large, XXX-Large	<u>Small</u> Length of Glove-215 Circumference- 225 Size 7 <u>Medium</u> Length of Glove-225 Circumference- 235 Size 8 <u>Large</u> Length of Glove-235 Circumference- 240 Size 9 <u>X-Large</u> Length of Glove-245 Circumference- 248 Size 10 <u>XX-Large</u> Length of Glove-255 Circumference- 250 Size 11 <u>XXX-Large</u> Length of Glove-265 Circumference- 255 Size 11													
Dexterity in millimeters (mm)	Clause 5.2	<table border="1"> <thead> <tr> <th>Level of Performance</th> <th>Diameter of Pins (mm)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>11</td> </tr> <tr> <td>2</td> <td>9.5</td> </tr> <tr> <td>3</td> <td>8</td> </tr> <tr> <td>4</td> <td>6.5</td> </tr> <tr> <td>5</td> <td>5</td> </tr> </tbody> </table>	Level of Performance	Diameter of Pins (mm)	1	11	2	9.5	3	8	4	6.5	5	5	Level-5	Pass
		Level of Performance	Diameter of Pins (mm)													
1	11															
2	9.5															
3	8															
4	6.5															
5	5															

The above specified results are valid for only this glove model.

EN 388



3 1 2 1 X

“End of Report”