

# TEST REPORT

**COMPANY NAME:** MECDEX  
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**Report No.:** FTL-512/121219  
**TRF No.:** FTL-512/121219  
**Date In:** 12<sup>th</sup> Dec 2019  
**Date Out:** 16<sup>th</sup> Oct 2019  
**No. Of Working Days:** 07 Days  
**Page:** 1 of 4  
**Pretest for Buyer** Not Listed

<b>Sample Description:</b>	Auto Man Gloves
<b>Color(s):</b>	Grey / Hi Viz Yellow
<b>Lab Id Color(S):</b>	Grey / Hi Viz Yellow
<b>P.O. No(s):</b>	Not Listed
<b>Article No(s):</b>	AP-851
<b>Season:</b>	Not Listed
<b>Quantity Submitted:</b>	07 Pairs
<b>Country of Origin:</b>	Pakistan
<b>Country of Destination:</b>	Europe
<b>Dept:</b>	Not Listed
<b>End Use:</b>	Not Listed

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

## If Retest

<b>Previous Report No.:</b>	Not Listed
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## If Revision

<b>Reason For Revision</b>	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  
EN 388: 2016 + A1: 2018  
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:**

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**SUMMARY OF TEST RESULTS**

TEST PROPERTY	Standard Method	Results	Comments
ABRASION RESISTANCE	EN 388: 2016 + A1: 2018	Level-2	
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	Pass	
DEXTERITY	BS EN 420: 2003 + A1: 2009	Level-5	

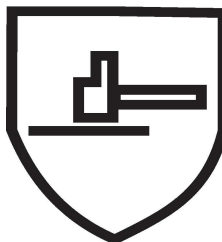
Parameter	EN 388: 2016 + A1: 2018	Test Requirement		Test Results	Remarks											
Abrasion Resistance (Cycles)  Tested – Palm Portion <b>Used abradant:</b> Klingspor PL 31 B	Clause 6.1	<table><tr><th>Level of Performance</th><th>Number of Cycles</th></tr><tr><td>1</td><td>100</td></tr><tr><td><b>2</b></td><td><b>500</b></td></tr><tr><td>3</td><td>2000</td></tr><tr><td>4</td><td>8000</td></tr></table>	Level of Performance	Number of Cycles	1	100	<b>2</b>	<b>500</b>	3	2000	4	8000	1450 Cycles	Compiles with Level - 2		
Level of Performance	Number of Cycles															
1	100															
<b>2</b>	<b>500</b>															
3	2000															
4	8000															
Blade Cut Resistance ( <i>i</i> )  <i>Tested</i> – Palm <i>Blade Thickness – 0.3 mm</i> <i>Angle of Blade – 24°</i>	Clause 6.2	<table><tr><th>Level of Performance</th><th>Index (<i>i</i>)</th></tr><tr><td><b>1</b></td><td><b>≥ 1.2</b></td></tr><tr><td>2</td><td>≥ 2.5</td></tr><tr><td>3</td><td>≥ 5.0</td></tr><tr><td>4</td><td>≥ 10.0</td></tr><tr><td>5</td><td>≥ 20.0</td></tr></table>	Level of Performance	Index ( <i>i</i> )	<b>1</b>	<b>≥ 1.2</b>	2	≥ 2.5	3	≥ 5.0	4	≥ 10.0	5	≥ 20.0	> 1.2 & < 2.5 Index	Level-1
Level of Performance	Index ( <i>i</i> )															
<b>1</b>	<b>≥ 1.2</b>															
2	≥ 2.5															
3	≥ 5.0															
4	≥ 10.0															
5	≥ 20.0															
Tear Resistance (Newton)  <b>Tested</b> – All Layers	Clause 6.4	<table><tr><th>Level of Performance</th><th>Strength (N)</th></tr><tr><td>1</td><td>10</td></tr><tr><td><b>2</b></td><td><b>25</b></td></tr><tr><td>3</td><td>50</td></tr><tr><td>4</td><td>75</td></tr></table>	Level of Performance	Strength (N)	1	10	<b>2</b>	<b>25</b>	3	50	4	75	> 25 & < 50 Newton	Level-2		
Level of Performance	Strength (N)															
1	10															
<b>2</b>	<b>25</b>															
3	50															
4	75															
Puncture Resistance (Newton)  <b>Tested</b> – Palm All Layers Together	Clause 6.5	<table><tr><th>Level of Performance</th><th>Strength (N)</th></tr><tr><td><b>1</b></td><td><b>20</b></td></tr><tr><td>2</td><td>60</td></tr><tr><td>3</td><td>100</td></tr><tr><td>4</td><td>150</td></tr></table>	Level of Performance	Strength (N)	<b>1</b>	<b>20</b>	2	60	3	100	4	150	>20 & <60 Newton	Level-1		
Level of Performance	Strength (N)															
<b>1</b>	<b>20</b>															
2	60															
3	100															
4	150															

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	PASS
		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			Level-5	Pass
		Level of Performance	Diameter of Pins (mm)		
		1	11		
		2	9.5		
		3	8		

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

**EN 388**



**2 1 2 1 X**

“End of Report”