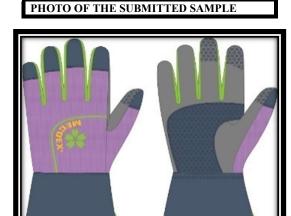


TEST REPORT

COMPANY NAME:	MECDEX (LIBERMANN INTERNATIONAL)	Report No.:	FTL-206/081017
ADDRESS	HARRAR, WAZIRABAD ROAD, SIALKOT, PAKISTAN	TRF No.: Date In: Date Out:	FTL-206/081017 8 th Oct 2017 12 th Oct 2017
EMAIL: ATTN: TEL: FAX:	ali.anwar@libermann.com Ali Anwar +92 52 3252201-2 +92 52 3252208	No. Of Working Days: Page: Pretest for Buyer	04 Days 1 of 4 Not Listed
Sample Description:	Garden Gloves		

Sample Description:	Garden Gloves
Color(s):	Navy Blue/Grey/Purple
GSM / Thickness:	-
Production Gate Pass (PGP):	Not Listed
Article No(s):	GD-741 (Garden Shredder)
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



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: <u>lab@nizamsons.com</u>, <u>lab@libermann.com</u>

FIRST TESTING LAB.

Wazirabad Road, Sialkot, Pakistan. Web: <u>www.ftl.com.pk</u> E-mail: <u>labs@nizamsons.com</u>

Tel. :+92 52 3252201-2 Fax :+92 52 3252208 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 shell specifically addressed the issue you wish to raise.



SUMMARY OF TEST RESULTS

Lab No. Page No. FTL-206/081017 02 of 04

TEST PROPERTY	Standard Method	Results	Comments
ABRASION RESISTANCE	BS: EN: 388	Level-3	
BLADE CUT RESISTANCE	BS: EN: 388	Level-1	
TEAR RESISTANCE	BS: EN: 388	Level-3	
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 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	3200 Cycles	Compiles with Level -3
Blade Cut Resistance (<i>i</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	Index (i) 1.2 2.5 5.0 10.0 20.0	Average 1 – 1.4 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	56.58 Newton	Level-3
Puncture Resistance (Newton) Tested – All Layers Together	Clause 6.5	Level of Performance	Strength (N) 20 60 100 150	34.47 Newton	Level-1

The specified performance levels only valid for the palm area.



Lab No.FTL-206/081017Page No.03 of 04

Parameter	According to EN: 420:2003	Test R	equirement	Test Results	Remarks
Sizing in millimeters (mm)	Clause 5.1	Submitted Size: Sm	Size nall, Medium, Large, X- arge, XXX-Large	Lab AnalysisSmallLength of Glove-230Hand Length-175Circumference-190 Size 7MediumLength of Glove-240Hand Length-185Circumference-215 Size 8LargeLength of Glove-250Hand Length-200Circumference-225 Size 9X-LargeLength of Glove-260Hand Length-210Circumference-235 Size10XX-LargeLength of Glove-270Hand Length-215Circumference-245 Size11XXX-LargeLength of Glove-280Hand Length-225Circumference-255 Size11	PASS
Dexterity in millimeters (mm)	Clause 5.2	Level of Performance	Diameter of Pins (mm) 11 9.5 8 6.5 5	Pin – 5 mm	Level-5



Lab No. Page No. FTL-206/081017 04 of 04

Parameter	According to ANSI/ISEA 105-11	Test Requirement		Test Results	Remarks
Blade Cut Resistance	Clause 1	Level of Performance012345	Strength (grams) < 200	> 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	34.47 Newton	Level-2
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 gram 4 5 6	< 100 ≥ 100 ≥ 500 ≥ 1000	2100 Cycles	Compiles with Level-3

The above specified result valid for glove model.

"End of Report"