

TEST REPORT

MECDEX (LIBERMANN **COMPANY NAME:** Report No.: FTL-213/081017 INTERNATIONAL)

ADDRESS

TRF No.: FTL-213/081017 HARRAR, WAZIRABAD ROAD,

8th Oct 2017 Date In: SIALKOT, PAKISTAN 12th Oct 2017 **Date Out:**

EMAIL: ali.anwar@nizamsons.com No. Of Working Days: 04 Days ATTN: 1 of 3 Ali Anwar Page:

TEL: +92 52 3252201-2 Not Listed **Pretest for Buyer** FAX: +92 52 3252208

Sample Description:	Synthetic Leather Gloves		
Color(s):	Grey/Hi Vis Yellow/Orange		
GSM / Thickness:	0.8 mm		
Production Gate Pass (PGP):	Not Listed		
Article No(s):	FS-821		
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

Please Contact:

For any Technical Issues: Mr. Rehan Qamar

Tel: +92 52 3252201 - 05 Fax: +92 52 3252208

Email: lab@libermann.com

Test Checked by

Approved by



Lab No.

FTL-213/081017

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SUMMARY OF TEST RESULTS

TEST PROPERTY	Standard Method	Results	Comments
ABRASION RESISTANCE	BS: EN: 388	Level-2	
BLADE CUT RESISTANCE	BS: EN: 388	Level-1	
TEAR RESISTANCE	BS: EN: 388	Level-3	
PUNCTURE RESISTANCE	BS: EN: 388	Level-2	
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-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	1781 Cycles	Compiles with Level - 2
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 – 2.2 Average 2 – 2.3	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	56.19 Newton	Level-3
Puncture Resistance (Newton) Tested – All Layers Together	Clause 6.5	Level of Performance 1 2 3 4	20 60 100 150	60.09 Newton	Level-2



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Parameter	According to EN:420:2003	Test Requirement		Test Results	Remarks
		Size		Lab Analysis	
Dexterity in	Clause 5.2				
millimeters (mm)		Level of	Diameter of Pins		
		Performance	(mm)		
		1	11		
		2	9.5	Pin − 5 mm	Level-5
		3	8		
		4	6.5		
		5	5		
			·		

Parameter	According to ANSI/ISEA 105-11	Test Requirement	Test Results	Remarks
Blade Cut Resistance	Clause 1	Level of Performance Strength (grams) 0 < 200	> 200 grams	Level-1
Puncture Resistance (Newton) Tested – All Layers Together	Clause 2	Level of Performance Strength (Newton) 0 < 10	60.09 Newton	Level-3
Abrasion Resistance (Cycles) Tested – Material of Palm Used Abrasive wheel: H-18	Clause 3	Level of Performance Number of Cycles With 500 grams Weight 0 0 < 100 1 ≥ 100 2 ≥ 500 3 ≥ 1000 With 1000 grams Weight 4 4 ≥ 3000 5 ≥ 10000 6 ≥ 20000	1923 Cycles	Compiles with Level - 3

The pecified performance levels only valid for the palm area. "End of Report"