

TEST REPORT

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Report No.: FTL-306/010618
TRF No.: FTL-306/010618
Date In: 1st June, 2018
Date Out: 5th June, 2018
No. Of Working Days: 04 Days
Page: 1 of 4
Pretest for Buyer Not Listed

Sample Description:	Functional Safety Gloves
Color(s):	Grey / Hi Viz Yellow/Orange
Lab Id Color(S):	Not Listed
P.O. No(s):	Not Listed
Article No(s):	FS-841
Season:	Not Listed
Quantity Submitted:	06 Pairs
Country of Origin:	Pakistan
Country of Destination:	Europe
Dept:	Not Listed
End Use:	Functional Safety

Submitted Fiber Content:	Not Listed
Multi Layers	Synthetic Leather + Foam Padding + 2-Way Spandex Fabric + Reflective Tape + Light Stretchable Spandex Fabric
Test Requested:	EN: 388: 2016, 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

BS:EN: 388: 2016
BS:EN: 388: 2016
BS:EN: 388: 2016
BS:EN: 388: 2016
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	BS: EN: 388: 2016	Level-2	
BLADE CUT RESISTANCE	BS: EN: 388: 2016	Level-1	
TEAR RESISTANCE	BS: EN: 388: 2016	Level-3	
PUNCTURE RESISTANCE	BS: EN: 388: 2016	Level-2	
SIZING	BS:EN: 420	Pass	
DEXTERITY	BS:EN: 420	Level-5	

Parameter	According to EN:388: 2016	Test Requirement		Test Results Cycles	Remarks
		Level of Performance	Number of Cycles		
Abrasion Resistance (Cycles) Tested – Palm Portion Used abradant: Klingspor PL 31 B	Clause 6.1			> 500 & < 2000 > 500 & < 2000 > 500 & < 2000 > 500 & < 2000 Cycles	Compiles with Level - 2
		1	100		
		2	500		
		3	2000		
		4	8000		
Blade Cut Resistance (<i>i</i>) Tested – Palm <i>Blade Thickness</i> – 0.3 mm <i>Angle of Blade</i> – 24°	Clause 6.2			Average 1 – 1.3 Average 2 – 1.4	Level-1
		1	1.2		
		2	2.5		
		3	5.0		
		4	10.0		
Tear Resistance (Newton) Tested – All Layers	Clause 6.4			56.19 N 58.60 N 58.16 N 59.53 N Min Value: 56.19 Newton	Level-3
		1	10		
		2	25		
		3	50		
		4	75		
Puncture Resistance (Newton) Tested – Palm All Layers Together	Clause 6.5			61.09 N 62.51 N 62.34 N 64.27 N Min Value: 61.09 Newton	Level-2
		1	20		
		2	60		
		3	100		
		4	150		

The above specified result valid for glove model.

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 Circumference- 190 Size 7</p> <p><u>Medium</u> Length of Glove-240 Circumference- 215 Size 8</p> <p><u>Large</u> Length of Glove-250 Circumference- 225 Size 9</p> <p><u>X-Large</u> Length of Glove-260 Circumference- 235 Size 10</p> <p><u>XX-Large</u> Length of Glove-270 Circumference- 245 Size 11</p> <p><u>XXX-Large</u> Length of Glove-280 Circumference- 255 Size 11</p>	
Dexterity in millimeters (mm)	Clause 5.2	Level of Performance	Pin – 5 mm	Level-5
		Diameter of Pins (mm)		
		1		
		2		
		3		
		4		
		5		

The above specified result valid for glove model.

EN:388: 2016



2 1 3 2 X

“End of Report”