

TEST REPORT

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ADDRESS

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Report No.:
TRF No.:
Date In:
Date Out:
No. Of Working Days:
Pretest for Buyer
Temperature & Humidity:

FTL-1325/021023
FTL-1325/021023
02nd Oct 2019
10th Oct 2019
08 Days
Not Listed
23°C ± 2 53 ± 5%

Sample Description:	QUICKRESCUE Gloves
Color(s):	Black/Grey
Lab Id Color(S):	Black/Grey
P.O. No(s):	Not Listed
Article No(s):	FF-815
Season:	Not Listed
Quantity Submitted:	20 Pairs
Country of Origin:	Pakistan
Country of Destination:	Europe
Dept:	Not Listed
End Use:	Not Listed

Submitted Fiber Content:	Not Listed
Multi Layers	WR Goatskin leather + cut liner + water barrier & A6 Cut liner
Test Requested:	EN 388:2016+A1:2018, EN 407:2020, EN ISO 21420:2020, EN 511:2006 & ANSI 105:2016
Submitted Care Instruction:	Not Listed
Suggested Care Instruction:	Not Listed

PHOTO OF THE SUBMITTED SAMPLE



EN 388:2016+A1:2018



3 X 3 2 F P

EN 407:2020



4 1 2 1 X X

FIRST TESTING LAB
AUTHORIZED SIGNATORIES

A-Basif
Test Conducted by

Rehan
Test Checked by

[Signature]
Approved By

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	N/A	
TDM cut test	EN ISO 13997:	Level-F	
TEAR RESISTANCE	EN 388:2016+A1:2018	Level-3	
PUNCTURE RESISTANCE	EN 388:2016+A1:2018	Level-2	
IMPACT RESISTANCE	EN ISO 13594:2015	Pass	
SIZING	EN ISO 21420:2020	Pass	
DEXTERITY	EN ISO 21420:2020	Level-3	
BURNING BEHAVIOUR	EN 407:2020	4	
CONTACT HEAT	EN 407:2020	1	
CONVECTIVE HEAT	EN 407:2020	2	
RADIANT HEAT	EN 407:2020	1	
CONVECTIVE COLD RESISTANCE	EN 511: 2006	N/A	
CONTACT COLD RESISTANCE	EN 511: 2006	N/A	
WATER PENETRATION	EN 511: 2006	Level-1	
TDM Cut Resistance	ANSI/ISEA105-2016 (ASTM F2992)	Level-A6	

Test Results:

Parameter	Test Requirement EN 388:2016+A1:2018			Test Results	Remarks														
6.1 Abrasion Resistance (Rubs) Tested – Palm Portion Used abradant: Klingspor PL 31 B	<table><tr><th>Level of Performance</th><th>Number of Cycles</th></tr><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></table>			Level of Performance	Number of Cycles	1	100	2	500	3	2000	4	8000	>2000 & <8000 Rubs	Level - 3				
Level of Performance	Number of Cycles																		
1	100																		
2	500																		
3	2000																		
4	8000																		
6.2 Blade Cut Resistance (i) Tested – Palm <i>Blade Thickness – 0.3 mm</i> <i>Angle of Blade – 24°</i>	<table><tr><th>Level of Performance</th><th>Index (i)</th></tr><tr><td>1</td><td>> 1.2</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)	1	> 1.2	2	≥ 2.5	3	≥ 5.0	4	≥ 10.0	5	≥ 20.0	N/A	N/A		
Level of Performance	Index (i)																		
1	> 1.2																		
2	≥ 2.5																		
3	≥ 5.0																		
4	≥ 10.0																		
5	≥ 20.0																		
6.3 TDM Cut Resistance <i>EN ISO 13997: 2016</i> Tested – Palm <i>Type of Blade (Straight)</i>	<table><tr><th>Level of Performance</th><th>Cut Load N</th></tr><tr><td>A</td><td>> 2 Newtons</td></tr><tr><td>B</td><td>≥ 5 Newtons</td></tr><tr><td>C</td><td>≥ 10 Newtons</td></tr><tr><td>D</td><td>≥ 15 Newtons</td></tr><tr><td>E</td><td>≥ 22 Newtons</td></tr><tr><td>F</td><td>≥ 30 Newtons</td></tr></table>			Level of Performance	Cut Load N	A	> 2 Newtons	B	≥ 5 Newtons	C	≥ 10 Newtons	D	≥ 15 Newtons	E	≥ 22 Newtons	F	≥ 30 Newtons	>30 Newtons	Level-F
Level of Performance	Cut Load N																		
A	> 2 Newtons																		
B	≥ 5 Newtons																		
C	≥ 10 Newtons																		
D	≥ 15 Newtons																		
E	≥ 22 Newtons																		
F	≥ 30 Newtons																		
6.4 Tear Resistance (Newton)	<table><tr><th>Level of Performance</th><th>Strength (N)</th></tr><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></table>			Level of Performance	Strength (N)	1	10	2	25	3	50	4	75	>50 & <75 Newton	Level-3				
Level of Performance	Strength (N)																		
1	10																		
2	25																		
3	50																		
4	75																		
6.5 Puncture Resistance (Newton)	<table><tr><th>Level of Performance</th><th>Strength (N)</th></tr><tr><td>1</td><td>20</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)	1	20	2	60	3	100	4	150	>60 & <100 Newton	Level-2				
Level of Performance	Strength (N)																		
1	20																		
2	60																		
3	100																		
4	150																		
6.6 Impact Resistance (Load in Kilo Newton)	<table><tr><th>Level of Performance</th><th>Level-1</th><th>Level-2</th></tr><tr><td>Single Result</td><td>≤ 9.0 KN</td><td>≤ 5.0 KN</td></tr><tr><td>Mean Transmitted Force</td><td>< 7.0 KN</td><td>< 4.0 KN</td></tr></table>			Level of Performance	Level-1	Level-2	Single Result	≤ 9.0 KN	≤ 5.0 KN	Mean Transmitted Force	< 7.0 KN	< 4.0 KN	Level-1	Pass					
Level of Performance	Level-1	Level-2																	
Single Result	≤ 9.0 KN	≤ 5.0 KN																	
Mean Transmitted Force	< 7.0 KN	< 4.0 KN																	

The specified performance levels are valid for only the palm area of this glove.

Test Results:

Parameter	Test Requirement EN ISO 21420:2020		Test Results	Remarks												
5.1 Sizing	Size		Lab Analysis	PASS												
	Submitted Size: Small, Medium, Large, X-Large, XX-Large, XXX-Large		➤ Hand Length: All gloves meet the requirements of standard method. ➤ Circumference: All gloves meet the requirements of standard method.													
5.2 Dexterity Pin sizes in millimeters (mm)	<table><tr><th>Level of Performance</th><th>Diameter of Pins (mm)</th></tr><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></table>		Level of Performance	Diameter of Pins (mm)	1	11	2	9.5	3	8	4	6.5	5	5	Level-3	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.

Parameter	Test Requirement of EN 407:2020			Test Results	Remarks
6.2 Limited Flame Spread EN 407:2020	Levels	After Flame Time	After Glow Time	AFT= ≤ 2 AGT= ≤ 5	Level – 4
	1	≤ 20 Seconds	No Require		
	2	≤ 10 Seconds	≤ 120		
	3	≤ 3 Seconds	≤ 25		
	4	≤ 2 Seconds	≤ 5		
6.3 Contact Heat EN 407:2020	Levels	°C Contact Temperature	Threshold Time (S)	≥ 15 Sec @ 100 °C	Level-1
	1	100	≥ 15		
	2	250	≥ 15		
	3	350	≥ 15		
	4	500	≥ 15		
6.4 Convective Heat EN 407:2020	Performance Level		Heat Transfer Index (HTI)	> 7 Seconds	Level-2
	1		≥ 4 Sec		
	2		≥ 7 Sec		
	3		≥ 10 Sec		
	4		≥ 18 Sec		
6.5 Radiant Heat EN 407:2020	Performance Level		Heat Transfer T ₂₄ (Sec)	> 7 Seconds	Level-1
	1		≥ 7 Sec		
	2		≥ 20 Sec		
	3		≥ 50 Sec		
	4		≥ 95 Sec		

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

Test Results:

Parameter	EN 511: 2006	Test Requirement		Test Results	Remarks
Water Penetration	Clause 3			Pass	Level - 1
		Level of Performance	Water Penetration		
		0	Yes		
		1	No		

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

Test results:

Parameter	Test Requirement ANSI/ISEA 105-2016		Test Results	Remarks
6.3 TDM Cut Resistance ANSI/ISEA105-2016 (ASTM F2992) <i>Tested</i> – Palm <i>Type of Blade (Straight)</i>		Level of Performance	Cut Load N	>3000 & <4000 Grams Level-A6
		A1	> 200 Grams	
		A2	≥ 500 Grams	
		A3	≥ 1000Grams	
		A4	≥ 1500 Grams	
		A5	≥ 2200 Grams	
		A6	≥ 3000 Grams	
		A7	≥ 4000 Grams	
		A8	≥ 5000 Grams	
		A9	≥ 6000 Grams	

“End of Report”