



# TEST REPORT

Product: FILLET GLOVES  
Applicant: PHOENIX INDUSTRY HOLDING LIMITED  
Address: 2F.,ON ON MANSION 125 LOCK HART ROAD,WANCHAI,HONG K  
Manufacturer: PHOENIX INDUSTRY HOLDING LIMITED  
Address: 2F.,ON ON MANSION 125 LOCK HART ROAD,WANCHAI,HONG K  
Model No: 614995002 , 129499  
Date of Sample Received: 2017-04-11  
Testing Period: 2017-04-11 to 2017-04-24  
Test Requested: EN 420:2003+A1:2009  
EN 388:2016

Conclusion: Pass

Check by : *peter* Date : 2017-08-03

Approved by :  Date : 2017-08-05

### 1, Sample(s) description assigned by laboratory:

<b>Material:</b>	
A Hand	Fabric
B Back	Fabric
C Palm	Fabric

  

The diagrams show a hand outline with a bracket labeled 'a' indicating the hand width. A side view of a hand shows a bracket labeled 'b' for the hand length and an arrow labeled 'c' pointing to the middle finger tip.

### 2, Test Results:

TEST METHOD		Test item(s)	Requirement	P/F																					
1	pH value (EN 420 §4.3.2) pH of the component pH of the extracting solution Temperature of the solution (°C)	6.7 6.4 22.6	>3,5 and < 9,5	P																					
2	Determination of chromium (VI) content Azo dye stuff (EN 420 §4.3.3)	split leather redbr. < 3 mg/kg split leather redbr. < 30 mg/kg	under detection limit 3 mg/kg under detection limit 30 mg/kg	P																					
3	Comfort and efficiency Sizing (EN 420 §5.1.2) - hand circumference; - hand length (distance between the wrist and the tip of the middle finger).	Size    Length [mm] 7        231 7        192	<table border="1"> <thead> <tr> <th>Hand size<sup>a</sup></th> <th>Hand circumference mm</th> <th>Hand length mm</th> </tr> </thead> <tbody> <tr><td>6</td><td>152</td><td>160</td></tr> <tr><td>7</td><td>178</td><td>171</td></tr> <tr><td>8</td><td>203</td><td>182</td></tr> <tr><td>9</td><td>229</td><td>192</td></tr> <tr><td>10</td><td>254</td><td>204</td></tr> <tr><td>11</td><td>279</td><td>215</td></tr> </tbody> </table> <p><small><sup>a</sup> This code is a conventional designation of hand size corresponding to the hand circumference expressed in inches.</small></p>	Hand size <sup>a</sup>	Hand circumference mm	Hand length mm	6	152	160	7	178	171	8	203	182	9	229	192	10	254	204	11	279	215	P
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4	<p>Comfort and efficiency Sizing (EN 420 §5.1.3) - Gloves for special applications</p>	<p>Size Length [mm] 7 231</p>	<table border="1"> <thead> <tr> <th>Glove size</th> <th>Fit</th> <th>Minimum length of glove (in accordance with 6.1.3) mm</th> </tr> </thead> <tbody> <tr><td>6</td><td>hands size 6</td><td>220</td></tr> <tr><td>7</td><td>hands size 7</td><td>230</td></tr> <tr><td>8</td><td>hands size 8</td><td>240</td></tr> <tr><td>9</td><td>hands size 9</td><td>250</td></tr> <tr><td>10</td><td>hands size 10</td><td>260</td></tr> <tr><td>11</td><td>hands size 11</td><td>270</td></tr> </tbody> </table>	Glove size	Fit	Minimum length of glove (in accordance with 6.1.3) mm	6	hands size 6	220	7	hands size 7	230	8	hands size 8	240	9	hands size 9	250	10	hands size 10	260	11	hands size 11	270	P
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5	<p>Dexterity (EN 420 §5.2) Highest value of four tests : Performance Level :</p>	<p>6.8 4</p>	<table border="1"> <thead> <tr> <th>Level of performance</th> <th>Smallest diameter of pin fulfilling test conditions mm</th> </tr> </thead> <tbody> <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> </tbody> </table>	Level of performance	Smallest diameter of pin fulfilling test conditions mm	1	11	2	9,5	3	8	4	6,5	5	5	P									
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6	<p>Resistance of glove materials to water penetration (EN 420 §4.2)</p>	<p>Level 1</p>	<table border="1"> <thead> <tr> <th>Level of performance</th> <th>Time of penetration min</th> </tr> </thead> <tbody> <tr><td>1</td><td>30</td></tr> <tr><td>2</td><td>60</td></tr> <tr><td>3</td><td>120</td></tr> <tr><td>4</td><td>180</td></tr> </tbody> </table>	Level of performance	Time of penetration min	1	30	2	60	3	120	4	180	P											
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## EN388 Test Results

GLOVES - BLADE CUT RESISTANCE (EN 388:2003 6.2)										
SAMPLE	Sample 1					Sample 2				
FILLET GLOVES	I1	I2	I3	I4	I5	I6	I7	I8	I9	I10
	2.6	2.5	2.7	2.6	2.5	2.5	2.5	2.7	2.6	2.5
	Average Index:2.58					Average Index:2.56				
Performance Level Achieved:2										

GLOVES - PUNCTURE RESISTANCE (EN 388:2003 6.4)		
SAMPLE	Results	Performance Level Achieved
FILLET GLOVES	2.0N	1

GLOVES - ABRASION RESISTANCE (EN 388:2003 6.1)		
SAMPLE	Results	Performance Level Achieved
FILLET GLOVES	No holes after 8000 cycles	4

GLOVES - TEAR STRENGTH (EN 388:2003 6.3)		
SAMPLE	Results	Performance Level Achieved
FILLET GLOVES	5.3	1



## EUT Photo



\*\*\*\*End of Report\*\*\*\*

