

... for flat glass, sheet metal, recycling and other industries

Cut-Tex[®] PRO

The Ultimate Cut Protection[™]

Only by **PPSS** 

Cut-Tex® PRO

- Cut-Tex® PRO is a high performance cut resistant fabric developed by UK based PPSS Group.
- Cut-Tex® PRO is being manufactured at a ISO 9001:2008 quality standard certified plant in the UK.
- Cut-Tex® PRO is now being used to add outstanding cut resistance to protective clothing within industries, such as flat glass handling, metal sheet pressing, mining and recycling to name but a few.
- Cut-Tex® PRO can effectively reduce the risk of cut related injuries at work.



Cut-Tex® PRO

Priorities of action to improve personal safety

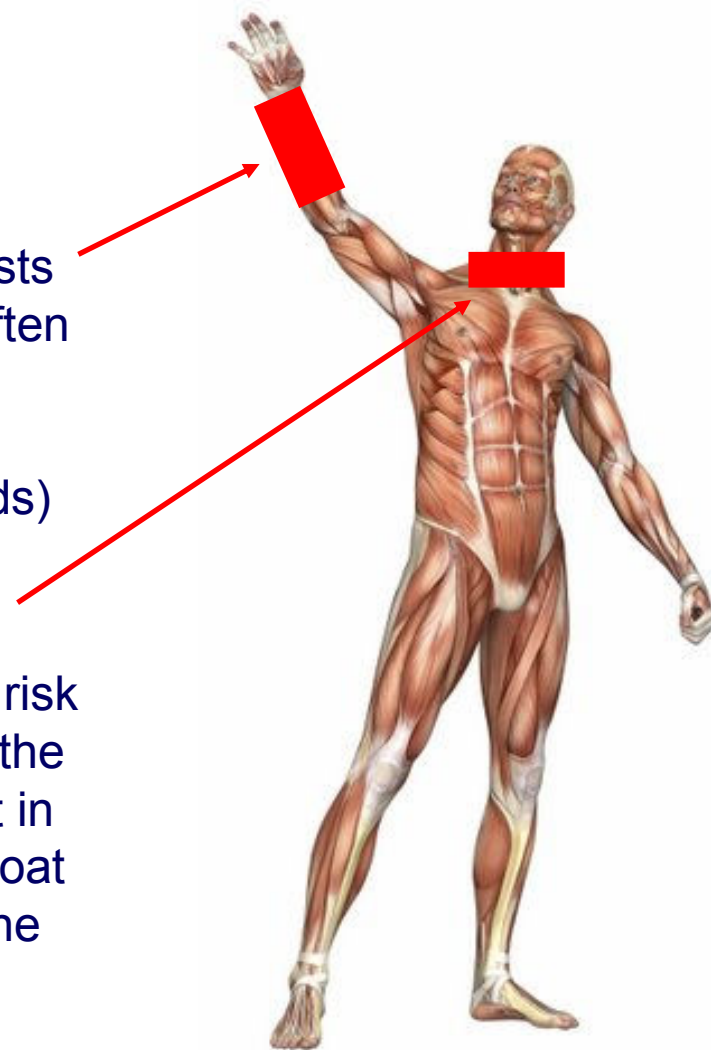
- Provide adequate information on safety precautions and training on the handling of glass to all employees
- Develop and implement a safe system of work
- Ensure effective PPE is provided and worn, and this should include cut resistant aprons, gloves, upper body garments and wrist protection... we strongly recommend cut resistant clothing made out of our high performance cut resistant fabric Cut-Tex® PRO, offering ISO 13997:1999 blade cut resistance level 5 (the highest possible).

Cut-TeX® PRO

Protecting Key Areas (1)

The radial artery can be found in our wrists and far part of our forearms, which often is subject to severe cuts. This area should be protected by blade cut resistance level 5 sleeves (arm guards)

Our throat, which harbors the carotid artery is certainly among the most at risk locations of our body. A cut through the carotid artery would most likely result in death. Cut-TeX® PRO lined neck/throat protective garments would improve the workforce's personal safety.

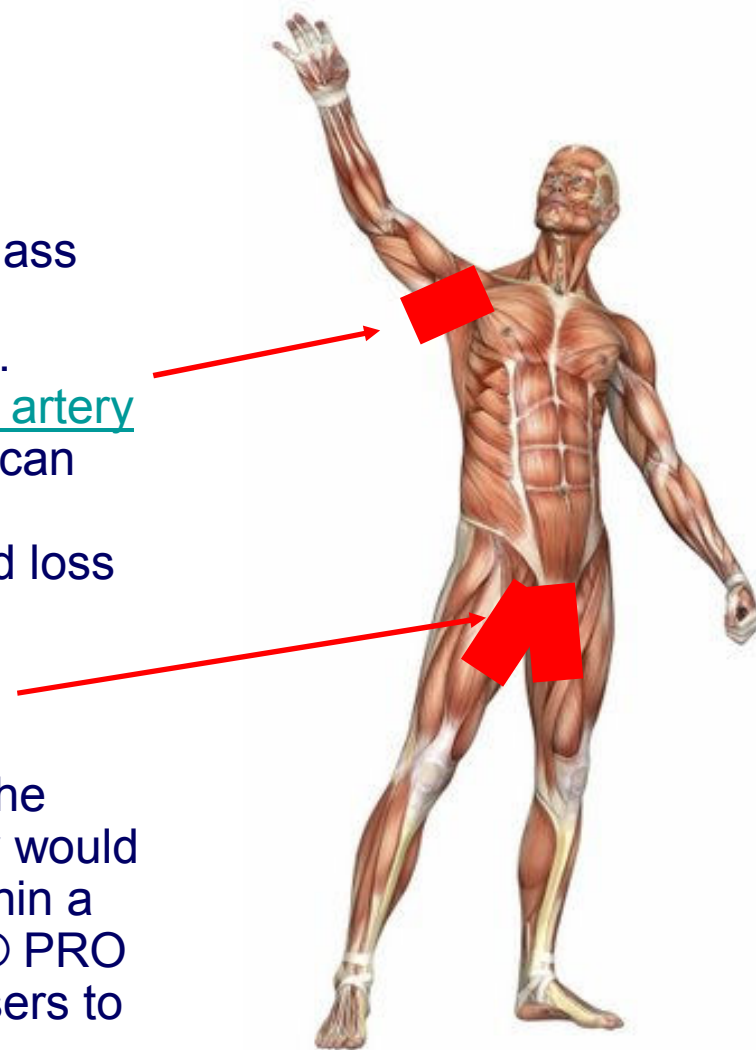


Cut-TeX® PRO

Protecting Key Areas (2)

Many professionals operating within glass sheet or metal sheet industries will frequently lift their arms and hands. During such movement the axillary artery under your arms is exposed. This can potentially lead to accidental cuts, subsequently leading to rapid blood loss and even death.

The femoral artery is a general term comprising a few large arteries in the thigh. Cutting of the femoral artery would lead to a massive loss of blood within a very short period of time. Cut-TeX® PRO can be used to line workwear trousers to prevent such injuries.



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Conclusion & Solution

The matter of fact is, that injuries will always occur as long as human being exists. Our focus or concentration can of course be compromised by a number of variables e.g. personal circumstances, such amount of sleep, health and even how much an individual enjoys their job role.

However... protective clothing, shielding these four main arteries could be made available to these professionals working with flat glass or metal sheets, drastically improving the personal safety of the workforce and effectively reducing the risk of injuries at work.

Cut-Tex® PRO cut resistant fabric is available from PPSS Group only.



PPSS Cut Resistant
Turtle Neck Jacket



PPSS Cut Resistant
Turtle Neck Top



PPSS Cut Resistant
Apron - Version 1

Cut-Tex® PRO

Certified Protection Levels (in words):

- ISO 13997:1999 Blade Cut Resistance level 5 (the highest possible)
- EN 388:2003 Blade Cut Resistance Level 5 (the highest possible)
- ASTM F-1790 Blade Cut Resistance Level 4
- EN 388:2003 Abrasion Resistance Level 4 (the highest possible)
- EN 388:2003 Tear Resistance Level 4 (the highest possible)

Cut-Text[®] PRO:

Certified Protection Levels (graphic):

ISO 13997:1999 Blade Cut Resistance Levels

Level 1 +1.2 N	Level 2 +2.5 N	Level 3 +5.0 N	Level 4 +11.0 N	Level 5 +22.0 N	Cut Text[®] PRO +27.8 N
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ASTM F-1790 Blade Cut Resistance Levels

Level 0 0-199 grams force	Level 1 200-499 grams force	Level 2 500-999 grams force	Level 3 1000-1499 grams force	Level 4 1500-3499 grams force	Cut Text[®] PRO 2580 grams force
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EN 388:2003 Tear Resistance Levels

Level 1 +10 N	Level 2 +25 N	Level 3 +50 N	Level 4 +70 N	Cut Text[®] PRO 398.5 Newton
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EN 388:2003 Abrasion Resistance Levels

Level 1 +100 Cycles	Level 2 +500 Cycles	Level 3 +2,000 Cycles	Level 4 +8,000 Cycles	Cut Text[®] PRO +8,000 Cycles
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