

Cut-Tex® PRO

The Ultimate Cut Protection™

Bite & Slash Resistant Clothing for Health Care & Mental Health Care Professionals

Bite & Slash Resistant Clothing using Cut-Tex® PRO

Cut-Tex® PRO is a unique textile offering BS EN 388:2003 Blade Cut Resistance Level 5 - the highest possible. It is made out of a combination of specialised technical fibres weaved by rare high-density knitting machines

The great advantage of Cut-Tex® PRO is that it is also offering great bite resistance.

We have recently been contacted by a number of professionals working within sectors such as mental health, learning disabilities, challenging behaviour, autism or special needs, asking if Cut-Tex® PRO will reduce the risk from human bites penetrating their skin. The answer is YES!

We have now designed Cut-Tex® PRO lined bite resistant sleeves, sweat shirts and boiler suits, and supplied these to mental health care professionals around the world in order to prevent potentially very serious injuries.



**Bite Resistant Sleeves
Version 1**

- Offering BS EN388:2003 cut resistance level 5.
- Will reduce the risk of human teeth from penetrating the wearer's skin.
- Quick and easy to put on.
- Machine washable up to 60° Celsius (Recommended: 40° Celsius)
- Unrivalled Tear resistance (EN 388:2003 Level 4)
- Sold in pairs



**Bite Resistant Sleeves
Version 2**

- Offering BS EN388:2003 cut resistance level 5.
- Will reduce the risk of human teeth from penetrating the wearer's skin.
- Worn tight around the forearm.
- Machine washable up to 60° Celsius (Recommended: 40° Celsius)
- Unrivalled Tear resistance (EN 388:2003 Level 4)
- Sold in pairs



**Bite Resistant Sleeves
Full Arm Guards**

- Offering BS EN388:2003 cut resistance level 5.
- Will reduce the risk of human teeth from penetrating the wearer's skin.
- Quick and easy to put on.
- Machine washable up to 60° Celsius (Recommended: 40° Celsius)
- Unrivalled Tear resistance (EN 388:2003 Level 4)
- Sold in sets

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Why bite resistant clothing is so important?

- A skin break increases the risk of infection and makes it necessary to be sure tetanus shots are up-to-date.
- A skin break is often obvious but can be tough to tell in some cases. Anything that looks like the top layer of skin has come off should be considered a skin break.
- Wound infection occurs in 9-50% of human bites.
- Risk of severe infection is particularly high in bite injuries.
- The average human bite pressure is in the range of 2840 to 4270 psi.
- The human bite forces range from 55 lbs to 280 lbs... averaging 162 lbs

Please note this type of bite resistant clothing reduces the risk of human teeth penetrating the other person's skin,, but does not stop the potentially painful effect due to the pressure and force being used. So the risk of infection will be eliminated but the risk of bruising remains.

We are more than happy, and certainly capable, to manufacture bite resistant clothing offering an even higher bite protection level, which can be achieved by adding either very thin layers of leather, polyethylene (plastic) or other advanced technical material. This type of bite resistant clothing would also substantially reduce the pain created by pressure and force and risk of bruising.



Bite Resistant Long Sleeved Top

- Offering BS EN388:2003 cut resistance level 5.
- Will also stop human teeth from penetrating the wearer's skin.
- Machine washable up to 60° Celsius (Recommended: 40° Celsius)
- Achieved excellent results in Dimensional Stability Test.
- Lined with COOLMAX® for additional comfort, heat & moisture management.
- Sizes: XS - XXXL
- Colour: As per image, due to the nature of the technical fibres used.
- Round-Neck Sweatshirt available upon request.



Bite Resistant Turtle-Neck Sweatshirt with Thumbholes

- Offering BS EN388:2003 blade cut resistance level 5.
- Thumbholed sleeves prevents the wrist and radial artery from being exposed.
- High neck prevents neck and vertebral arteries from being exposed.
- Machine washable up to 60° Celsius (Recommended: 40° Celsius)
- Achieved excellent results in Dimensional Stability Test.
- Lined with COOLMAX® for additional comfort, heat & moisture management.
- Sizes: XS - XXXL
- Colour: As per image, due to the nature of the technical fibres used.

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Our Latest Development!

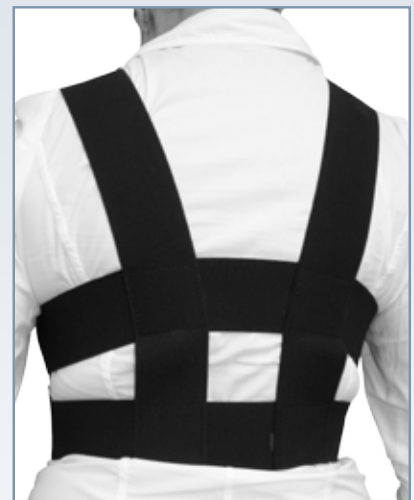
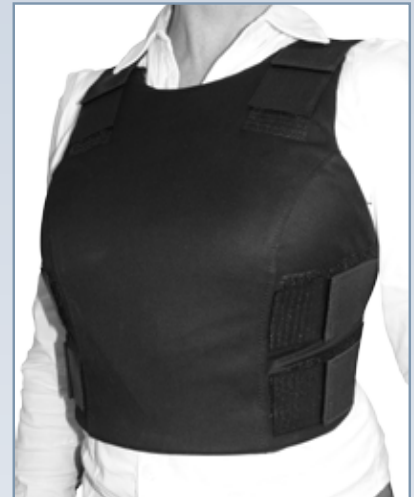
Our brand new front only body armour has been specially designed for mental health care professionals, in order to offer ultimate protection from headbutting, punches, kicks and other blows.

Professionals working within mental health care facilities and sectors, such as severe learning disabilities, challenging behaviour or special needs, are frequently subject to punching or kicking.

This brand new body armour will therefore protect the wearer from all main attacks targeting the front part of the body. Comfortably worn and easily to put on and off within seconds, this new type of body protection has become a real alternative within the world of personal protective equipment.

We are using 3mm body moulded polycarbonate for our front only body armour, the same material used for riots shields. It is a ultra lightweight but highly effective material used to protect the most important body parts when confronted by a distressed person.

The covers of our front only body armour are machine washable and the protective fillers can be easily removed within seconds prior to washing of the cover.



Please remember we can offer you absolutely bespoke bite resistant clothing, made to your unique specification, based on your operational duties and risks.

Have you got any questions in reference to bite resistant clothing? Please contact the PPSS Group directly by emailing info@ppss-group.com or calling **+44 (0) 845 5193 953**
