



With over 20 years of hands on experience handling Razor wire, SAE Systems own in-house designed **Razorpro PPE** is now the world's leading brand of PPE designed specifically for handling razor wire.



Order online at:
www.razorwireuk.co.uk

**BUILT TO TACKLE
THE TOUGHEST JOBS**

RAZORPRO

GAUNTLETS SLEEVES

£54.99

EX VAT, PER PAIR

£49.99

EX VAT, PER PAIR

APRON

£52.99

EX VAT

CHAPS

£52.99

EX VAT, PER PAIR

ENSEMBLE

£199.00

EX VAT

ABOUT SAE SYSTEMS

SAE Systems is a global provider of in house designed Security based products servicing Military, Federal and State departments worldwide.

SAE Systems has been a major supplier of Razorwire for over a decade and we export it to many countries, this in turn generated a requirement to provide suitable PPE to be supplied alongside the Razorwire.

After several years of trying and failing to find a suitably priced and durable product we set about designing our own product range focusing on Price, Puncture Resistance, Durability and Dexterity aimed at professionals engaged in the routine handling of Razor wire, hence the brand name 'Razorpro' was born. The Razorpro design, brand and IPR are fully owned by SAE Systems. When you buy it, you are buying direct from source.



UNIQUE COMPOSITE TECHNOLOGY

SAE Systems has created the Razorpro product range utilising a unique composite combination which includes a High Tenacity Polyethylene and High Grade Quality Leather outer.

The product retains its comfort, dexterity and grip qualities, in addition to its inherent water and oil repellent qualities whilst at the same time delivering the highest Level of puncture resistance.

RAZORPRO END USER COMMUNITY

Our Razorpro PPE is routinely used by NATO military organisations as well as HMP, Federal and State Prisons and correctional facilities, Nuclear and Energy facilities, Governmental high security facilities. It is also widely used by maritime shipping organisations for use with anti-piracy appliances and a wide range of manufacturing facilities as well as general domestic end users.

Our existing clients are all repeat customers, to date we have a 100% satisfaction record with zero returns or complaints.

**BUILT TO TACKLE
THE TOUGHEST JOBS**

Order online at:
www.razorwireuk.co.uk

RAZORPRO PPE APPLICATIONS

Razorpro PPE was designed initially for use with Razorwire and Barbed Wire to augment our own Razor wire business, we have since found that Razorpro with its high performance levels, unique design, durability and wear-ability has crossed over into several other applications and industry areas including animal welfare and arboricultural use.

RAZORWIRE

The importance of using the correct PPE when handling razor wire is imperative and the biggest mistake often made by installers is to select PPE based on cut resistance whereas the emphasis should be placed on puncture resistance which is the most likely form of injury to the person handling razor wire. Additionally snagging of the PPE on clothing can create problems particularly when installing in difficult and hard to access situations.



The next important factor in selecting PPE for use with razor wire is ensuring all exposed areas of the body are adequately protected from contact with the Razorwire. Because installers and de-installers often have to reach inside the razor wire coils when fitting or removing, the wrist, inner arm and armpit are often exposed, its important these areas are well protected from the sharp barbs encountered with razor wire.



FENCING

In addition to Razorwire installation and removals, barbed wire and normal wire handling are often associated with lacerations and puncture wounds. The outdoor properties of Razorpro combined with its durability means that companies can equip their employees with PPE that will out last traditional outdoor work PPE.

VETERINARY AND ANIMAL WELFARE

Whilst there are numerous gloves in the same puncture protection class as Razorpro the unique combination of gauntlet and sleeve that attach to each other means that now there is a solution that protects those involved in the day to day handling of animals, raptors and reptiles from animal bites and claws for the full length of the arm, something any vet will understand when faced with removing an aggressive cat for instance from a basket.

The flexible leather outer element also helps prevent claws snagging or hooking into the fabric, which can rapidly escalate the stress on the animal that is being handled. Whilst Level 5 Puncture resistance isn't a guarantee against a puncture wound from a cat or snake for instance, it is an additional line of defence and greatly reduces the risk of injury to the handler.



BUILDING AND MAINTENANCE - GLASS REMOVAL

Gaining access through holes in wire fencing or removing broken glass from its frame can be a hazardous task particularly with glass particles which are prone to coming loose and falling onto the person involved, with just hand protection the risk of serious laceration is extremely high, with the Razorpro gauntlet and sleeve combination this risk is greatly reduced.

AGRICULTURAL AND TREE SURGERY

This often involves wire and sharp object handling as well as clearing dense thorn and bush where the operative is required to expose areas of the arm that may not be adequately protected. With Razorpro PPE this problem is resolved. The feedback from our customers in the arboricultural and hedge laying industry has been fantastic.



RAZORPRO PRODUCT RANGE



GAUNTLETS

£54.99 EX VAT, PER PAIR

Available in sizes: 8 (Small) 9 (Medium)
10 (Large) 11 (Extra Large).

Please note when ordering it's suggested for comfort that a size smaller than normal is selected to allow the product to break in.



SLEEVES

£49.99 EX VAT, PER PAIR

Available as a standard size, fits all Gauntlet sizes.



CHAPS/LEG PROTECTION

£52.99 EX VAT, PER PAIR

Available in one size with adjustable straps and elasticated band so one size fits all.



APRON/BODY PROTECTION

£52.99 EX VAT

Available in one size with adjustable straps so one size fits all.



RAZORPRO COMPLETE ENSEMBLE

£199.00 EX VAT

Razorpro PPE can be purchased individually or as a complete set consisting of Gauntlets, Sleeves, Chaps and Apron.

Product	SAE p/n	Nato stock number	UK HS code	USA Sch B
Razorpro Gauntlets	P1041	8415-99-984-8877	4203 2910 00	4203.29.0000
Razorpro Sleeves	P1042	8415-99-938-1310	4203 4000 10	4203.40.0000
Razorpro Aprons	P1043	8415-99-333-8192	4203 4000 10	4203.40.0000
Razorpro Chaps	P1044	8415-99-581-1298	4203 4000 10	4203.40.0000

**BUILT TO TACKLE
THE TOUGHEST JOBS**

Order online at:
www.razorwireuk.co.uk

RIGOROUS TESTING

Manufactured to United States ANSI, United Kingdom UKCA and European EN standards Razorpro has demonstrated outstanding levels of performance across the product range.

The below table shows the general classification levels of all the Razorpro products for the main international performance standards.



Product	Code	ANSI			EN21420	EN21420
		Cut	Abrasion	Puncture		
Gauntlets	RP21G	A5	6	5	Pass	Pass
Sleeves	RP21SL	A3	5	5	Pass	Pass
Apron	RP21AP	A3	6	5	Pass	Pass
Chaps	RP21CH	A3	6	5	Pass	Pass

Below a summary of individual performance test results for the Razorpro Gauntlets across the main international standards for PPE performance.

Standard	Test	Performance Level	Result	Requirement
ANSI-ISEA 105:2016	Cut Resistance	A5	Achieved 2650 (grams)	Minimum level requirement 2200 (grams)
	Puncture Resistance	5	Achieved 250N	Minimum level requirement 150N
	Abrasion Resistance	6	Exceeded 20000 cycles	Minimum level requirement 20000 cycles
EN388:2016	Abrasion Resistance	4	Exceeded 8000 cycles	Minimum level requirement 8000 cycles
	Cut Resistance	X	Not applicable	Product requires EN ISO 13997 test
	Tear Resistance	4	Achieved 200N	Minimum level requirement 75N
	Puncture Resistance	4	Achieved 250N	Minimum level requirement 150N
	EN ISO 13997 Cut Resistance	E	Achieved 23.1N	Minimum level requirement 22N
EN ISO 21420:2020	New International Standard for comfort, innocuousness, marking and packaging	PASS	PASSED ALL TESTS	Replaces EN420:2003

To find out more about the RazorPro range or to make an order please contact us using the details opposite:

SAE Systems Limited
Staithe House
The Staithe, Thurne
Norfolk, NR29 3BU
United Kingdom

Order Online: www.razorwireuk.com
Call: +44 (0)1692 671918
Email: info@sae-ltd.com
Web: www.razorglove.co.uk