

VESTGUARD UK

a Great British company...



SOFT ARMOUR PANELS (SAP)

BALLISTIC | STAB | SPIKE | FRAGMENTATION

Design Features

- Thin, light, and flexible unisex design to contour and wrap around the body
- Independently tested at certified laboratories to comply with UK and international standards
- Welded seams for water and UV resistance
- Increased ballistic coverage area
- Patented blunt trauma protection technology
- Scalable with VestGuard hard armour plates to provide rifle protection
- Transferable into any VestGuard cover design
- Ergonomically designed for lasting comfort
- Manufactured using high quality materials
- Easy care wipeable PU cover

Heat and flame resistant	Yes (BS 6941:2003)
Covering	Sonic welded PU
Incremental sizes	S-XXXL / bespoke sizing available
UV and fungal growth resistant	Yes
Water and oil resistant	Yes
Manufacturing standards	ISO9001:2015 quality controlled CE marked ergonomics



Versatile cost-effective solution

One set of soft armour panels from VestGuard can be transferred between different outer covers to suit different operational environments and requirements.

- Save money
- Reduce kit weight and bulk

*Weights and measures subject to manufacturers tolerances. Terms and conditions apply

Tel : +44 (0)1621 816614
Email : sales@vestguard.com

Website : www.vestguard.co.uk
www.vestguard.com

VestGuard UK Ltd : Unit B2 Commerce Way : Whitehall Industrial Estate : Colchester : Essex
United Kingdom : CO2 8HH

Company No : 4333057 VAT : GB 787-901-677



DATA SHEET

SAP

TECHNICAL SPECIFICATION

PROTECTION LEVELS

National Institute of Justice (NIJ) 0101.06

Product code	SAP-NIJ2	SAP-NIJ3A	SAP-NIJ3AKR1SP1
Protection level	NIJ level II (2)	NIJ level IIIA (3a)	NIJ level IIIA KR1 SP1
9mm FMJ	✓	✓	✓
.357 magnum	✓	✓	✓
.44 magnum		✓	✓
7.62 x 25mm Tokorev LC		✓	✓
V50 fragmentation	400-450 m/s	500-550 m/s	550-600 m/s
Stab protection	5 joules	7 joules	24-36 joules
Spike protection			24-36 joules
Rifle upgrade	✓	✓	✓
Ballistic warranty	5 years	5 years	5 years
Workmanship	1 year	1 year	1 year
Panel thickness (mm)	3-5	5-7	7-9
Weight Coverage			
S	0.20 m ²	1.20 kg	1.42 kg
M	0.24 m ²	1.44 kg	1.70 kg
L	0.28 m ²	1.68 kg	1.99 kg
XL	0.34 m ²	1.92 kg	2.27 kg
XXL	0.36 m ²	2.16 kg	2.56 kg
Collar	0.048 m ²	0.29 kg	0.34 kg
Shoulders	0.039 m ²	0.23 kg	0.28 kg
Groin	0.057 m ²	0.34 kg	0.40 kg
Throat	0.030 m ²	0.18 kg	0.21 kg
Biceps	0.079 m ²	0.47 kg	0.56 kg

UK Home Office (CAST) Body Armour Standard (2017)

Product code	SAP-KR1SP1	SAP-HO1KR1SP1
Protection level	KR1 SP1	HO1 KR1 SP1
9mm FMJ @ 365m/s		✓
Stab protection	24-36 joules	24-36 joules
Spike protection	24-36 joules	24-36 joules
Rifle upgrade		✓
Ballistic warranty	5 years	5 years
Workmanship	1 year	1 year
Panel thickness (mm)	3-5	7-9
Weight Coverage		
S	0.20 m ²	1.17 kg
M	0.24 m ²	1.40 kg
L	0.28 m ²	1.64 kg
XL	0.34 m ²	1.87 kg
XXL	0.36 m ²	2.10 kg

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