PPSS Group's next generation of high-performance body armor is taking personal protection to a completely new-found level. Made from Auxilam, a unique carbon fiber composite material, this latest body armor will protect the wearer from even the most vicious and brutal types of edged weapon and shanks imaginable.

Utilizing a combination of the incredible strength of carbon fiber, the auxetic properties of Auxilam technology and some additional ‘top secret’ assets derived from the specially developed composite structure, this next generation of body armor offers a truly outstanding balance of weight, protection, performance and durability.
Polycarbonate-based stab resistant vests

Comparing it with PPSS Group’s highly acclaimed polycarbonate-based stab resistant vests, the company is claiming a reduction of 19% in thickness (utilizing a 3.9mm carbon fiber composite) and a 6.6% lower aerial density and reduced weight for its latest development.

Yet, it will be certified to KR2/SP2 according to the UK Home Office Body Armor Standard, as well as NIJ Level 2 (Stab & Spike) and VPAM K2/D2 meaning it will offer a truly significant higher level of knife, spike and needle protection.

Thoroughly field tested, the body armor will be made available from 6th January 2020.

Body Armor

Thoroughly field tested, the body armor will be made available from 6th January 2020. Government agencies and security companies will be able to choose from an array of different styles, ranging from covert, overt to hi viz overt options.

Robert Kaiser, CEO of PPSS Group states “Law Enforcement, Border Force, Immigration, Customs and Prison Officers are being attacked by criminals carrying and using knives, machetes, shanks, blunt objects and hypodermic needles every day.”

VPAM certified protection

He adds, “Our key objective is to protect those men and women even more effectively. Using the very latest in technology and following extensive research and development, our latest body armor is now offering previously absolutely unthinkable levels of protection. It also offers exceptional, VPAM certified protection from blunt objects, effectively reducing the risks of blunt force trauma injuries e.g. internal bleeding.”
The UK headquartered firm has been supplying countless of homeland security agencies in countries around the world with their widely respected polycarbonate-based stab resistant vests over the past ten years.
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