



THE WORLD 1ST COMPOSITE (ARAMID) AND **LIGHTEST HELMET WITH VPAM CERTIFICATION**

Busch PROtective have reached a superior level of ballistic protection for Law Enforcement Officers (LEOs'). The AMP-1 TP is the lightest and very first 100% Aramid helmet to achieve VPAM (HVN-2009-Prüfstufe 3) certification. This helmet is manufactured using our patented EBSP process which gives it elite ballistic capabilities, previously only possible with titanium helmets.

The helmets capabilities include being able to stop bullets up to 20mm from the helmet edge, stop multiple shot impacts on a small surface area and seriously limits head trauma. These increased capabilities enhance the helmets protective area by up to 50% compared to standard ballistic helmets! These are very critical features for LEOs'. In most situations officers entering the threat area will be exposed from all angles. The probability of multiple shots or edge shots to the head are realistic threats.

Another key factor we seriously consider is the after effect of a shooting. VPAM testing measures back-face deformation, ensuring that when the helmet is hit by a bullet there is minimal energy transfer from the helmet shell to the head. This area is commonly overlooked, as most ballistic helmets on the market claim to stop the bullet but are primarily designed to protect against fragmentation. On impact the bullets kinetic energy causes huge deformations to the helmet shell, leading the helmet to bulge into the users head causing serious head and brain injury. Our EBSP process counters this threat reducing this energy by up to 800%, therefore offering the best tested and certified protection possible. Lastly this helmet has high fragmentation protection capability exceeding 650 m/s according to STANAG 2920 and a 25% reduction in weight compared to other VPAM certified helmets.

VPAM is the Gold Standard of ballistic certification within Germany, Austria and Switzerland. Special police units (SPUs') within Europe, including Germany's GSG9/SEK are required to have their ballistic helmets VPAM certified. SPU's in the world deserve levels of protection that give them first rate protection. That is why these SPUs' only choose VPAM certified helmets. The VPAM standard has closely looked at the real ballistic threats that could be encountered and has designed a battery of tests that replicate these realistic threats. SPUs', in comparison to soldiers are more exposed and the likelihood of being shot within the head region due to the proximity and nature of their work is high. Sadly, even today most helmets used by SPUs' are manufactured for military operations. This leaves them exposed with very limited levels of protection to counter the specific threats they will encounter.

So the combination of less weight, better performance combined with superior protection makes the AMP-1 TP the **"Ultimate Law Enforcement Helmet"**! The Best deserve the Best! Time for change is due!

