

FORTIS 7.62x51 NATO RIFLE UPGRADE



ULBRICHTS

PROTECTION

Benefits

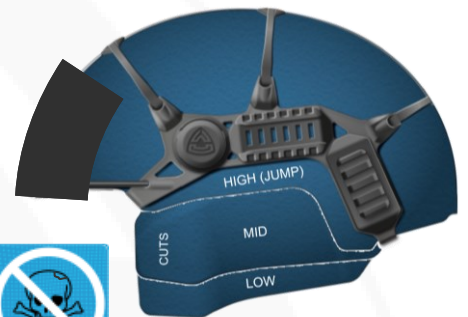
M80 RIFLE UPGRADE for ULBRICHTS Helmets

Terrorists regard long weapons of the Kalashnikov type as their armaments of choice. No assault rifle is as widespread worldwide and can easily get into the wrong hands.

ULBRICHTS Protection's VPAM-6 end shield combined with ULBRICHTS Protection titanium and titanium hybrid helmets provide true protection against Kalashnikov gunfire. Due to the enormous firepower of a Kalashnikov, police forces have lacked effective head protection.

The ammunition used is mostly the extremely powerful 7.62x39 iron core (VPAM 6), M193, or M80. The 2015 attacks in Paris and 2020 in Vienna and several shootings in the US tragically prove this.

The shield can be attached or removed in a matter of seconds. It is securely fastened using Velcro. This technology makes it possible to retrofit all ULBRICHTS titanium and titanium hybrid helmets with additional protection, thus significantly improving head protection.



We prove our words
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Technical facts

<p>Ballistic Protection</p>	<p>NIJ III 7.62mm, 308 Winchester FMJ, 9.7g, 2750 ± 50 ft/s (838 ± 15 m/s)</p> <p>VPAM 6 HVN 2009 7.62 x 39 mm MSC, 2363 ± 32.8 ft/s (720 ± 10 m/s)</p> <p>Add. Ballistic Impact 5.56 x 45 mm, M193, FMJ/PB/SC, 3281 ± 32.9 ft/s (1000 ± 10 m/s)</p>	<p>NIJ III </p> <p>VPAM 6 Trauma analog to HVN2009</p>
<p>Residual energy BFD/BFS</p>	<p> < 25 Joules Backface Deformation (BFD/BFS) < 15 mm</p>	<p>VPAM 6 Trauma analog to HVN2009 + M193</p>
<p>STANAG 2920 V50 (Fragmentation)</p>	<p>>4000 ft/s (1219 m/s)</p>	
<p>Weight</p>	<p>490± 50g / 1,08 ± 0.11 lbs</p>	
<p>Warranty</p>	<p>5 years</p>	
<p>Colours</p>	<p>All RAL colours</p>	

TRUE PROTECTION DEFINITION



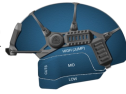
ULBRICHTS

PROTECTION



Highest STOP effect

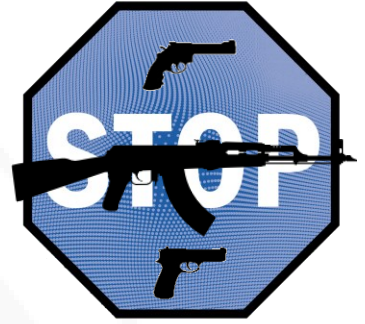
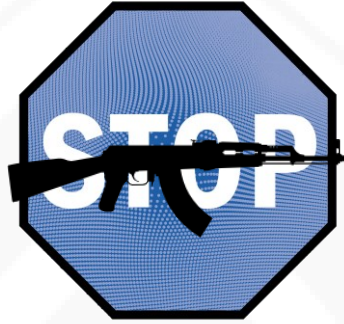
FIRST RESPONDER
HELMET



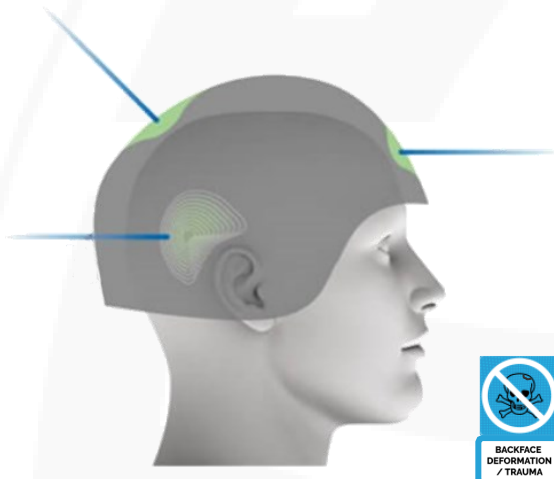
FIRST RESPONDER
HELMET + FORTIS



RIFLE
HELMET

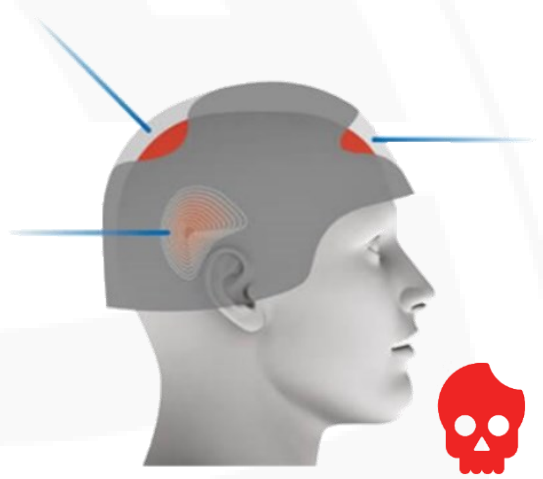


Lowest Trauma values (Backface deformation / BFD)



ULBRICHTS Titanium Hybrid Helmets

Trauma values (BFD) First Responder Helmets << 25 Joule
Trauma Values (BFD) Rifle Helmets < 25 Joule



Aramid / PE Helmet

Trauma values (BFD) >>25 Joule



— Firing direction

● Residual energy is absorbed by helmet (head is not or only slightly injured)

● Bullet deforms the helmet and directly injures the head (fatal)



Best liner system (UNI-SIZE & QUICK-SIZE 48-62 / Better Balance)



Smart modularity for all tactical needs



In-House produced Visor diversity for all threats



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