



# Benefits

## TRUE HANDGUN PROTECTION HELMETS

- Available with the following accessories:
  - In-house manufactured visors attached via "quick mount"
  - Neck Protection (Anti-Impact or VPAM-3 or 4)
  - Velcro
  - Helmet Cover
  - Counterweights
  - Chin Strap Extender
  - Helmet Bag
  - Ballistic upgradability via FORTIS headshield for VPAM6 protection



HIGH CUT



MID CUT



LOW CUT



Proven protection  
Scan to see for yourself



SHAPES



**CURVED**  
Compatible with  
PELTOR Comtac XPI



**FLAT**

# Technical facts

<p><b>Ballistic Protection</b></p>	<p><b>NIJ IIIa</b></p> <ul style="list-style-type: none"> <li>9 mm FMJ 1400 ± 50 ft/s (425 ± 15 m/s)</li> <li>44 Magnum Lead SWC 1400 ± 50 ft/s (425 ± 15 m/s)</li> </ul> <p><b>VPAM 3 HVN 2009</b></p> <ul style="list-style-type: none"> <li>9 mm x 19, DM 41, 1362 ± 32.8 ft/s (415 ± 10 m/s)</li> </ul> <p><b>VPAM 4</b></p> <ul style="list-style-type: none"> <li>357 Mag FMJ/CB/SC 1411 ± 32.8 ft/s (430 ± 10m/s)</li> <li>44 Mag FMJ/FN/SC 1444 ± 32.8 ft/s (440 ± 10mm/s)</li> </ul>
<p><b>Residual energy BFD/BFS</b></p>	<p>&lt;&lt; 25 Joules</p> <p>Backface Deformation (BFD/BFS) &lt; 10 mm</p> <p><b>VPAM 3 HVN2009</b> ✓ Stop handgun: 20mm from the rim Trauma handgun: 50mm from the rim</p>
<p><b>STANAG 2920 V50 (Fragmentation)</b></p>	<p>&gt;2065 ft/s (&gt;630m/s)</p>
<p><b>Further protection</b></p>	<p>Add. Protection (German TR) ✓</p> <p>Chemical resistance</p> <p>Fire resistance</p> <p>Impact absorption</p> <p><b>German „TR“</b> ✓</p> <p>UPGRADE WITH FORTIS TO VPAM 6 with Trauma values analog to VPAM HVN 2009 &lt;&lt; survivable 25 Joules</p>
<p><b>Size</b></p>	<p><b>UNI-SIZE: 48-62 (supporting pool solutions) 48-64 upon request</b></p>
<p><b>Weight</b></p>	<p>Flat: 1,25–1,4 ± 0,05 kg / 2,63–3,14 ± 0,11 lbs (CUT: HIGH – MID – LOW)</p> <p>Curved: 1,25–1,5 ± 0,05 kg / 2,63 – 3,19 ± 0,11 lbs (CUT: HIGH – MID – LOW)</p> <p>+0,262 kg / 0,58 lbs with accessories (Rail / Shroud / Visor adapter)</p>
<p><b>Warranty</b></p>	<p>10 years for Helmets / 5 years for Visors</p>

# TRUE PROTECTION DEFINITION



ULBRICHTS

PROTECTION



Highest STOP effect

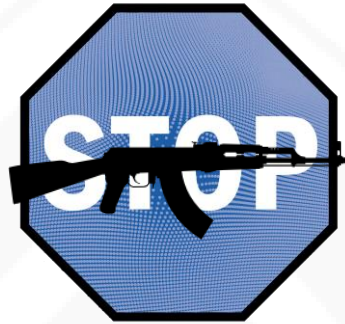
OPTIO  
HELMET



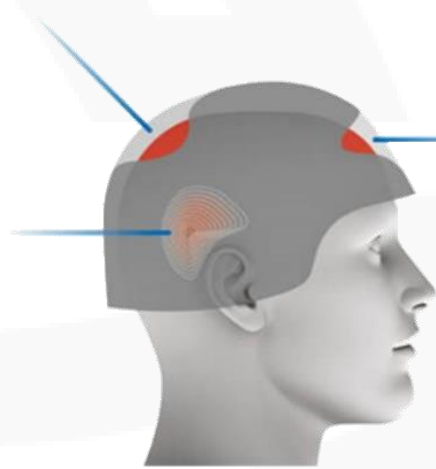
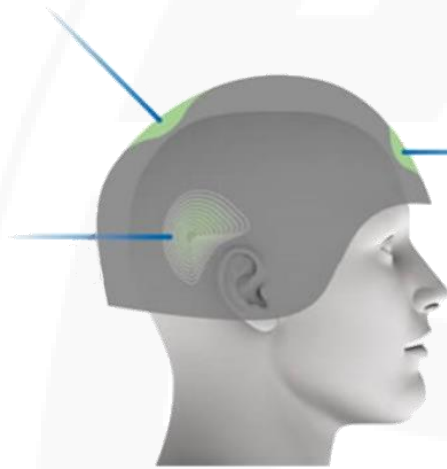
OPTIO  
HELMET + FORTIS



ZENTURIO  
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



Selection of visors manufactured in-house to meet specific needs



Scan me for more information