

# GALLET TC 800 SERIES COMBAT HELMET

## Technical datasheet

### Combat helmet with ballistic protection



Specification	Description
<b>Overview</b>	<p>Bulletproof and fragment protective helmet for combat, airborne, anti-terrorist, and special operations. Gallet TC 800 series helmets are available in:</p> <ul style="list-style-type: none"> <li>✓ Hybrid composite of polyethylene (UHMWPE, “PE” version) or hybrid composite of aramid.</li> <li>✓ 3 different cuts making them adapt to various types of missions                             <ul style="list-style-type: none"> <li>• TC 800: full cut (sim. to ACH cut)</li> <li>• TC 802: mid cut</li> <li>• TC 801: high cut</li> </ul> </li> <li>✓ 2 different suspension systems: “pads” or “mesh” version</li> </ul>
<b>Performances</b>	<p>Ballistic performances (mission configured helmet):</p> <ul style="list-style-type: none"> <li>✓ According to NIJ-STD-0106.01 test method, level IIIA ammunitions from NIJ-STD-0101.06: .357 Sig FMJ FN, 126 gr @ 448 m/s &amp; .44 Magnum SJHP, 240 gr @436 m/s</li> <li>✓ Fragments: FSP 17gr (STANAG 2920): V50 @670 m/s</li> <li>✓ AR/PD 10-02 Resistance to penetration and ballistic transient deformation with 9x19 mm FMJ, 124 gr @426 m/s</li> </ul> <p>Other performances:</p> <ul style="list-style-type: none"> <li>✓ Shock:                             <ul style="list-style-type: none"> <li>• Mesh version: EN397 &amp; EN 12492 (mountaineering)</li> <li>• Pads version: EN 12492 (sides, front, back)</li> </ul> </li> <li>✓ Lateral compression: EN 397</li> <li>✓ Chinstrap anchorage: EN 397 (safety buckle version)</li> <li>✓ Adhesion of coating: AR/PD 10-02</li> </ul>
<b>Features and Benefits</b>	<p>Gallet TC 800 series offer:</p> <ul style="list-style-type: none"> <li>✓ Side rails                             <ul style="list-style-type: none"> <li>• Interface for Picatinny rail: MIL-STD-1913 rail benefits are well-known and proven</li> <li>• 3 locations on each side for 360° Buckle for multiple adaptations (buckles must be ordered separately)</li> </ul> </li> <li>✓ NVG interface compatible with Wilcox® and Thales® mounts. Removable to enable use of NVG support with straps</li> <li>✓ No additional holes for NVG mount for increased safety</li> <li>✓ Suspension system;                             <ul style="list-style-type: none"> <li>• Ratchet with auto locking push to turn wheel</li> <li>• Comfortable pads (3 sizes depending on head size)</li> <li>• Angle adjustment system for fitting on occiput</li> <li>• One size fit all (2 positions on the front to cover small to large head sizes)</li> </ul> </li> <li>✓ Retention system:                             <ul style="list-style-type: none"> <li>• Flat locking buckle to avoid conflict with weapon</li> <li>• Symmetrical straps</li> <li>• Four sliding buckles (2 on the front, 2 on the rear) easily adjustable with gloves</li> <li>• Endless straps</li> </ul> </li> </ul>

# GALLET TC 800 SERIES COMBAT HELMET

## Technical datasheet

## Specifications

Characteristics*				
	Gallet TC 800 aramid series		Gallet TC 800 UHMWPE series ("PE")	
Painted shell with rubber edge:				
	Weight (g)	Coverage (cm <sup>2</sup> )	Weight (g)	Coverage (cm <sup>2</sup> )
TC 800 (full cut, ACH cut)	1249	1133	950	1194
TC 802 (mid cut)	1209	1078	918	1139
TC 801 (high cut)	1129	1005	868	1060
Mission configured (rails, shroud, self-gripping parts, bungees, cord, suspension system, retention system):				
	Mesh version, weight (g)	Mesh version, weight (g)	Pads version, weight (g)	Mesh version, weight (g)
TC 800	1803	1791	1499	1487
TC 802	1752	1739	1466	1453
TC801	1679	1667	1419	1407
Color (Shell)	NATO Green, Black, Tan, grainy surface			
Size	Pads version: 4 sizes Mesh version: One size fit all, adjustable from 52 to 64 cm			
Extreme Environment Resistance	Ambient, hot (70°C), cold (-50°C), seawater			

\*Estimated weight and dimensions

Specification	Description
Composition	<p><b>Shell:</b></p> <ul style="list-style-type: none"> <li>✓ Hybrid composite of aramid or hybrid composite of UHMWPE. Black rubber edge rim</li> </ul> <p><b>Suspension system:</b></p> <ul style="list-style-type: none"> <li>✓ Ratchet: Adjustable by wheel. Black. One size fit all                             <ul style="list-style-type: none"> <li>• Box with track wheel for adjustment: Polycarbonate</li> <li>• Headband: Polyamide 6.6</li> </ul> </li> <li>✓ Comfort pads (Front and back): Removable by self-gripping part. Black. One size fit all.                             <ul style="list-style-type: none"> <li>• Headband head side: Polyamide and elastane fabric on foam</li> <li>• Headband shell side: Polyamide black loops</li> </ul> </li> <li>✓ Pads: Adjustable by self-gripping parts and, removable. Black. Three different sets.                             <ul style="list-style-type: none"> <li>• Fabric head side: Black Kernel viscose fabric</li> <li>• Inside: Combination of viscoelastic foam and polyethylene foam</li> <li>• Shell side: Polyamide green loops</li> </ul> </li> <li>✓ Chinstrap: 4 points system. Automatic buckle and adjustment buckles. NATO Green, Black, Tan. Two sizes.                             <ul style="list-style-type: none"> <li>• Plastic parts: Polycarbonate</li> <li>• Webbing: Polyester fiber</li> </ul> </li> <li>✓ Chin piece: 2 straps system compatible with breathing masks. NATO Green, Black, Tan. Two sizes.                             <ul style="list-style-type: none"> <li>• Plastic buckle: Polycarbonate</li> <li>• Webbing: Polyester fiber</li> </ul> </li> </ul> <p><b>Rails and NVG interface</b></p> <ul style="list-style-type: none"> <li>✓ Polycarbonate</li> </ul>
Options	<ul style="list-style-type: none"> <li>✓ Shock protective and bulletproof visors removable without any tools</li> <li>✓ Shock protective and bulletproof neckcurtain</li> <li>✓ 360° Buckles for multiple adaptations</li> <li>✓ Oxygen mask adapters</li> <li>✓ Molle adapter</li> </ul>