

TECHNICAL SPECIFICATIONS

CaliberHX™ Hard Armor

STAND ALONE BALLISTIC INSERT

NIJ-STD-0101.06 Level IIIA & NIJ-STD-0101.07(draft) HG2 PISTOL RATED

THINNESS: .29" (7.37 mm)

SAPI STYLE CUT - HARD ARMOR - TORSO PANEL

PART NUMBER	WIDTH x LENGTH	WEIGHT
CALHX-1012	10 x 12 254 x 304.8 mm	1.33 lb .60 kg
CALHX-0810	8 x 10 203 x 254 mm	.93 lb .42 kg



WATERPROOF | NEUTRALLY BUOYANT BALLISTIC BODY ARMOR

MANUFACTURING TOLERANCES:
 Thickness dimensions are +/-1/8 in. Width and length dimensions are +0.00 to 0.25 in. All weights are +/- 5%.

THREAT PERFORMANCE MATRIX

THREAT PERFORMANCE MATRIX												
MODEL NUMBER	.357 SIG - FMJFN Max Velocity 1480 ft/s	.44 MAG - SJHP Max Velocity 1438 ft/s	9mm - FMJ RN Max Velocity 1468 ft/s	.44 MAG - JHP Max Velocity 1443 ft/s	30-cal Carbine FMJ Max Velocity 2042 ft/s	5.7 x 28mm SS1975R Max Velocity 1846 ft/s	5.7 x 28mm SS195 LPHR Max Velocity 2120 ft/s	9mm SXT Max Velocity 1381 ft/s	40-cal. S&W JHP Max Velocity 1482 ft/s	12-gauge Slug Max Velocity 1172 ft/s	7.62 x 25-mm Mosby S&C Max Velocity 1572 ft/s	* NIJ LEVEL HG2 THREAT ** SPECIAL THREAT
CALHX-1012	6	6	6	6	1	3	3	3	3	1	3	

CALIBER ARMOR BALLISTIC RESISTANCE TESTING PROTOCOL:
 All testing was conducted on an indoor range at ambient conditions, in accordance with our instructions and the modified provisions of: NIJ-STD-0101.06, Level IIIA. Testing was conducted using caliber .357 SIG, FMJFN, 125 grain and .44 MAG, SJHP, 240 grain ammunition.

NIJ-STD-0101.07 DRAFT, HG2
 Testing was conducted using caliber 9mm FMJ RN, 124 grain and .44 MAG JHP, 240 grain ammunition. The muzzle of the test barrel mounted 15 feet from the test sample and positioned to produce 0-degree obliquity impacts. Four Oehler model 57 infrared velocity light screens, in conjunction with two HP 5315A time-based frequency counters, were placed such that projectile velocity was measured 8.25 feet from the target. Penetrations were determined by examination of a 5.5-inch clay block mounted behind the test sample. **SPECIAL THREAT TESTING: All projectiles were fired from a universal receiver which was fitted with the appropriate barrel and mounted on a NTS-Chesapeake Testing mount.

GENERAL INFORMATION
 Lightweight CaliberHX™ design made with UHMWPE ballistic materials. Multi-shot rated on selected threats. Finished with Caliber Armor's PolyShield advanced coating. Made in the U.S.A

NIJ STANDARD-0101.06 IIIA and 0101.07 Draft HG2 Tested and verified to meet or exceed ballistic resistance as specified under NIJ Standard-0101.06 plus tested to the new draft ballistic NIJ Standards of 0101.07 HG2. Ballistic testing is done at Oregon Ballistic Laboratories. **Special threat testing done at NTS-Chesapeake. Official lab test results available on request.

EXPORT CONTROL ADVISORY
 Model CALHX may be subject to the Export Administration Regulations (EAR). It may not be sold or otherwise provided to any non-U.S. Person and/or exported or re-exported without a valid U.S. Department of Commerce BIS Export License, or applicable EAR license Exception.

DISCLAIMER
 The information contained in this document is intended solely to provide general guidance. The right is reserved to make changes to this document without notice at any time. Nothing in this document (i) constitutes an offer, representation, warranty, term or condition or (ii) is a substitute for the need to employ adequate independent technical expertise and judgment.

QUALITY STANDARDS
 Caliber Armor operates a documented quality management system to ensure the highest caliber armor available. Raw materials are tested prior to production and finished products are tested in credited ballistic laboratories.