



Hornady®

**LAW ENFORCEMENT
& MILITARY**

PRODUCT CATALOG



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For a complete list of Hornady® patents and trademarks
visit our website at hornady.com/support/patents.

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TEST PROTOCOL

Bullet Velocity

All trajectories and associated velocities are from SAAMI minimum specification test barrels. An Oehler 83 model 35 P with model 55 skyscreens was used for velocity measurements. Bullet velocity was measured at a distance of 15 feet from the muzzle. Down range velocities shown in the ballistic tables are calculated with an exterior ballistics computer program.

Trajectory Tables

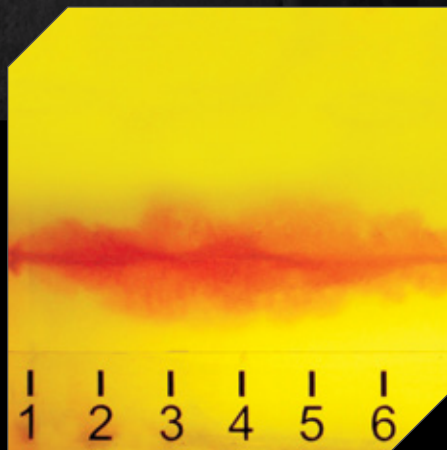
Trajectories are calculated using a computer program. A (-) sign indicates the trajectory of the bullet is below the line of sight. A (+) sign indicates the trajectory of the bullet is above the line of sight. All trajectories were calculated for standard atmosphere (Sea level, 59° Fahrenheit, 29.92" Hg, .07647 lb./cu ft. density).

Location:	Elevation:	Temperature:
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Hornady® Manufacturing Ballistic Laboratory Grand Island, Nebraska	1,800 feet ASL	74°
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All terminal testing is from actual firearms. The gelatin images represent one fired test shot. The data represents an average of five fired test shots. Individual results may vary.

BARRIER SUBSTRATES



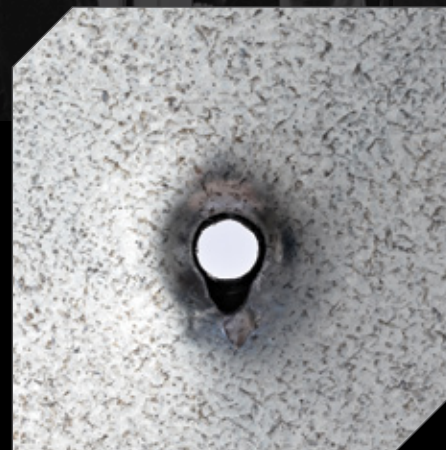
Bare Gelatin

Made in accordance with standard FBI protocol (10% ordnance gelatin).



Heavy Clothing

The gelatin block is covered with four layers of clothing: one layer of cotton t-shirt material (approximately 5.25 ounces per yard, 48 threads per inch); one layer of cotton shirt material (approximately 3.5 ounces per yard, 80 threads per inch); one layer of Malden Mills Polartec 200 fleece and one layer of cotton denim (approximately 14.4 ounces per yard, 50 threads per inch).



Steel*

Two pieces of 20 gauge, hot-rolled steel with a galvanized finish are set three inches apart. The clothing covered gelatin block is placed 18 inches behind the rear most piece of steel. This test event simulates the weakest part of a car door.

10% Ballistic Gelatin Tests

The tissue simulant utilized in FBI ballistic tests is Kind & Knox or Vyse 250-A ordnance gelatin. The mixture is 10%, by weight. Properly calibrated 10% ordnance gelatin is a reliable tissue simulant. Validation of ballistic gelatin is conducted by firing a .177" steel BB at 590 feet per second (fps), plus or minus 15 fps, into the gelatin, resulting in 8.5 centimeters (cm), plus or minus 1 cm, penetration (2.95" - 3.74"). All gelatin was stored at 40° F until just prior to testing. The gelatin was placed 10 feet from the muzzle of the test weapon (unless otherwise noted).

Barrier Testing

Standard FBI protocol measures the penetration performance of a cartridge's projectile through a series of six tests. Measurements are taken of the depth of penetration to the nearest .25 inch (consistent penetration of 12-18"), expansion of the projectile, and retained weight of the projectile.

Tests One through Six are shot at a distance of 10 feet from the muzzle to the front face of the gelatin block, unless otherwise noted.

For a comprehensive report detailing all ammunition performance, please request the link to download the Hornady® Ammunition Test Report and Application Guide by going to hornadyle.com.



Wallboard*

Two pieces of ½ inch standard gypsum board are set 3.5 inches apart. The gelatin block is placed 18 inches behind the rear most piece of gypsum. This test event simulates a typical building interior wall.



Plywood*

One piece of ¾ inch "AA" fir plywood is set 18 inches in front of the gelatin block. This test event simulates the resistance of typical wooden doors or construction timbers.



Automobile Glass*

One piece (15" X 18") of A.S.I. 1/4 inch laminated automobile safety glass is set at an angle of 45° to the horizontal and 15° to the side, resulting in a compound angle. The gelatin block is placed 18 inches behind the glass. This test event simulates a shot taken at the driver of a car from the left front quarter of the vehicle.

*Tests 3-6 utilize light clothing (e.g. the cotton t-shirt and dress shirt materials mentioned above), in addition to the mentioned intermediate barrier.



CRITICAL DUTY®

HANDGUN | 4



CRITICAL DUTY®

Building on the success of Flex Tip® technology in Hornady® LEVERevolution® and Critical Defense® personal protection ammunition, the rugged FlexLock® bullet and Critical DUTY® pistol ammunition is the culmination of a decade of ballistic research and development.

The patented Hornady® Flex Tip® design eliminates clogging and aids bullet expansion. A large mechanical jacket-to-core InterLock® band works to keep the bullet and core from separating for maximum weight retention, excellent expansion and consistent penetration and terminal performance through all FBI test barriers.

The FlexLock® is an "intelligent bullet" that reacts differently depending on the barrier it encounters, delivering "barrier blind" performance after penetrating urban barriers such as plywood, sheet metal and even auto glass.

Bright nickel plated cases eliminate cartridge case tarnish. The highly visible silver nickel simplifies chamber checks in reduced light. Additionally, waterproofing sealant has been applied to the primer pocket and case mouth to prevent moisture intrusion. All Critical DUTY® ammunition is loaded with low flash propellant to help preserve night vision in low-light firing.

For the ultimate in tactical terminal ballistic performance through all FBI established urban barriers, choose Critical DUTY® ammunition.

Hornady currently has an Indefinite Delivery/Indefinite Quantity (IDIQ) contract with the FBI to provide Critical Duty, Training, and Frangible ammunition.



U.S. Patent Nos. 8,161,885; 8,413,587; 9,121,677



To learn more about Critical Duty®, scan the QR code.



1. FLEXLOCK® BULLET

Incorporates two revolutionary Hornady® features: the patented Flex Tip® that initiates consistent expansion while preventing clogging, and the heavy duty InterLock® band that locks the jacket and core together.

2. CANNELURED BULLET WITH CRIMPED CASE

Cannelured bullet with crimped case reduces bullet setback during feeding.

3. INTERLOCK® BAND

This band works to keep the jacket and core from separating for maximum weight retention and proven terminal performance through all FBI test barriers.

4. BULLET CORE

The bullet core is made of high-antimony lead making it extremely tough, delivering controlled expansion for unparalleled terminal performance consistency through all FBI test barriers. It's also more economical than bonded bullets.

5. NICKEL-PLATED CASES

Nickel-plated cases resist corrosion and greatly enhance low-light chamber checks.

6. SEALED PRIMER AND CASE MOUTH

Waterproofing sealant has been applied to the primer pocket and case mouth to prevent moisture intrusion.

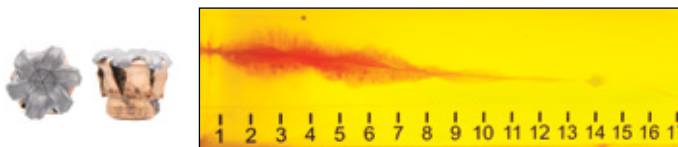


The Federal Bureau of Investigation (FBI) completed an extensive evaluation process and selected Hornady Critical Duty® as its source for 9mm +P and 40 S&W pistol ammunition.

Critical Duty® handgun ammunition is built to meet the needs and requirements of law enforcement and tactical professionals by delivering superior barrier penetration and subsequent terminal performance defined by the FBI Protocol.

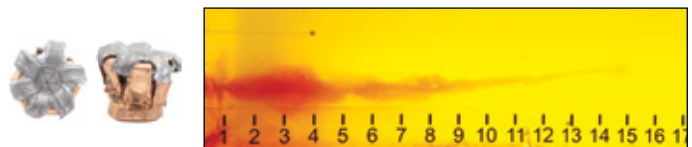
9MM LUGER+P 124 gr. FlexLock®

3.1" BBL | SIG P365 | NO. 90215



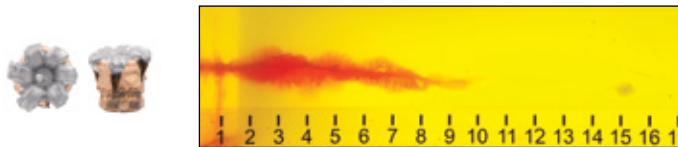
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.54"	100%	1079



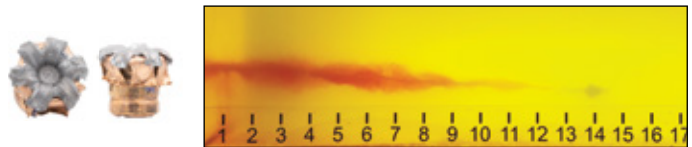
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.25"	0.55"	100%	1081



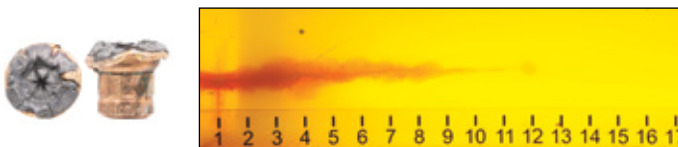
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.51"	100%	1093



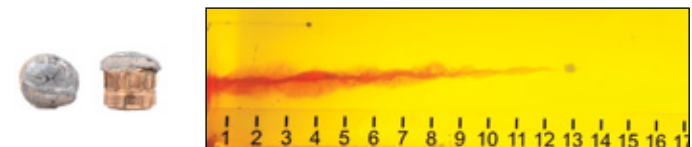
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.25"	0.53"	100%	1087



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
12.25"	0.53"	97%	1083

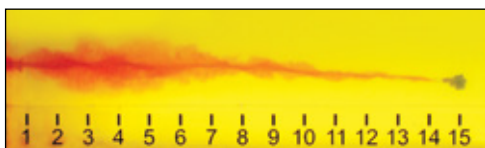


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.25"	0.41"	72%	1081

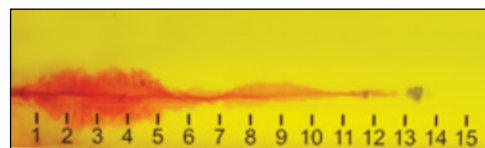
9MM LUGER 135 gr. FlexLock®

4.5" BBL | GLOCK 17 | NO. 90235



BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.25"	0.56"	100%	1056



WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.5"	0.58"	100%	1065



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.50"	100%	1066



PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.51"	100%	1070



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.75"	0.49"	99%	1067



AUTO GLASS

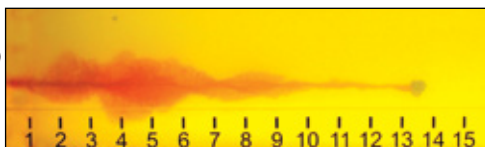
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.75"	0.41"	67%	1061

9MM LUGER +P 135 gr. FlexLock®

4.5" BBL | Glock 17 | No. 90225

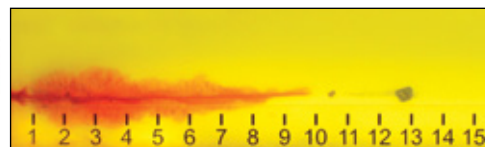


Tested and selected by the FBI.



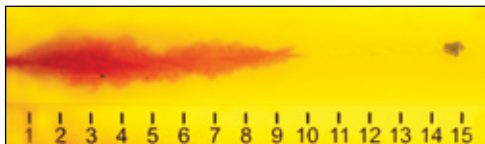
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.60"	100%	1162



WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.0"	0.62"	100%	1159



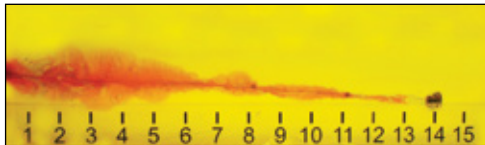
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.55"	100%	1164



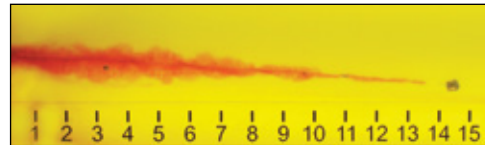
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.75"	0.57"	100%	1167



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.53"	97%	1171

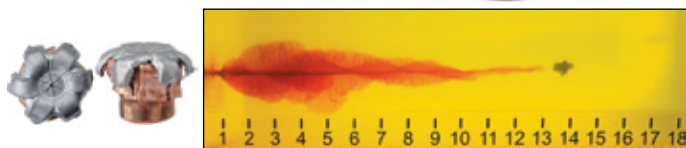


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.75"	0.42"	69%	1157

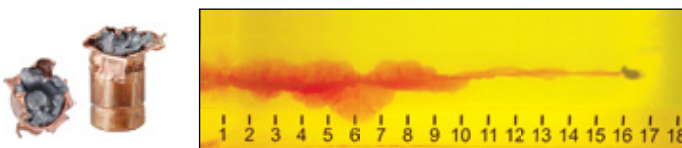
357 Sig 135 gr. FlexLock®

4.5" BBL | Glock 31 | No. 91295



BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.58"	99%	1221



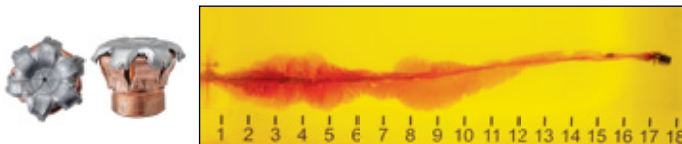
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.5"	0.42"	100%	1226



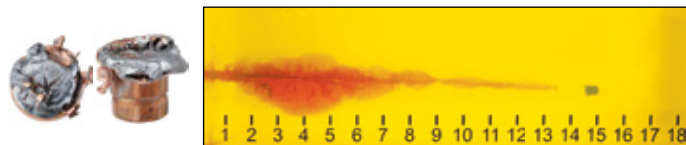
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.5"	0.56"	99%	1218



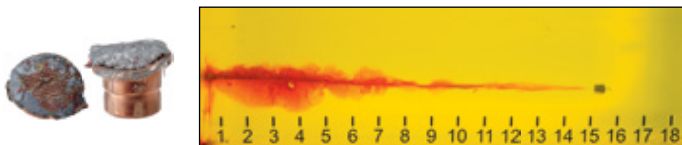
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
17.75"	0.53"	100%	1231



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.51"	95%	1227

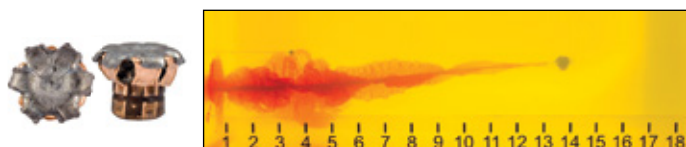


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.49"	77%	1230

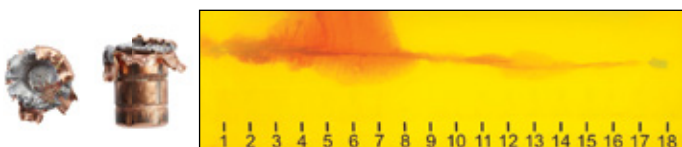
357 Mag 135 gr. FlexLock®

4.2" BBL | RUGER GP-100 | NO. 90515



BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.58"	99%	1272



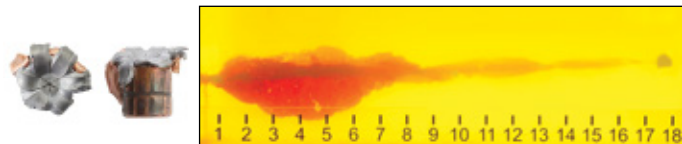
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
18.5"	0.44"	100%	1284



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.57"	99%	1287



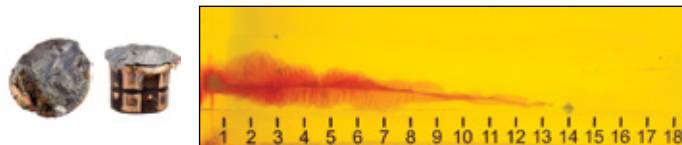
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
18.0"	0.54"	95%	1280



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.75"	0.50"	98%	1266



AUTO GLASS

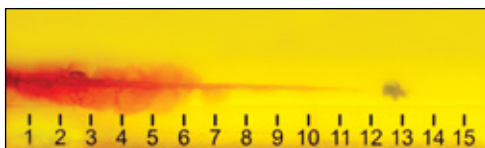
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.46"	73%	1276

40 S&W 175 gr. FlexLock®

4.5" BBL | GLOCK 22 | NO. 91375



Tested and selected by the FBI.



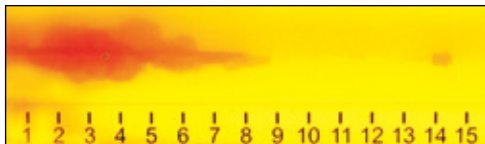
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.5"	0.57"	99%	1067



WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.63"	99%	1059



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.54"	99%	1062



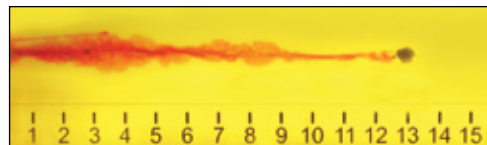
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.52"	99%	1063



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.0"	0.57"	98%	1066

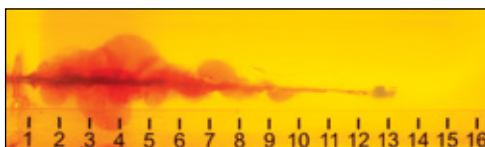


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.0"	0.61"	79%	1063

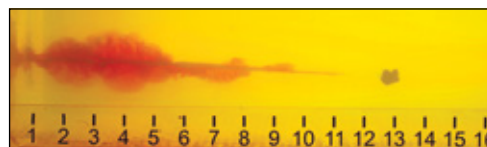
10MM AUTO 175 gr. FlexLock®

4.6" BBL | GLOCK 20 | NO. 91255



BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.25"	0.66"	99%	1134



WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.0"	0.67"	96%	1139



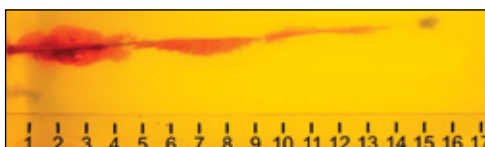
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.63"	99%	1121



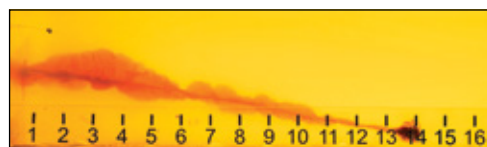
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.68"	97%	1128



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.75"	0.56"	99%	1126



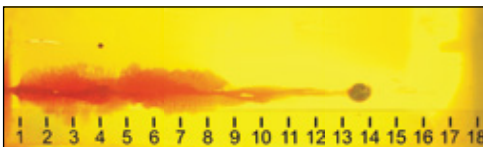
AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.55"	80%	1119



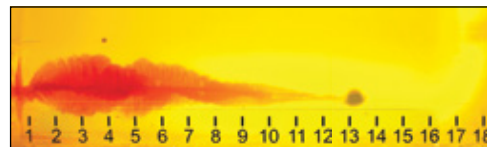
45 AUTO+P 220 gr. FlexLock®

5" BBL | GLOCK 21 | NO. 90925



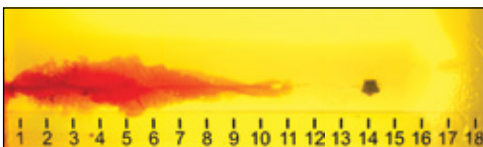
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.71"	99%	969



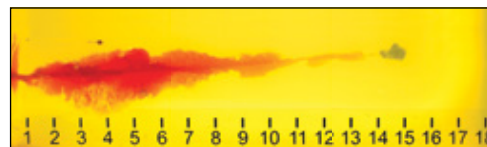
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.5"	0.70"	99%	979



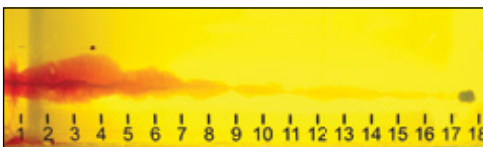
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.69"	99%	976



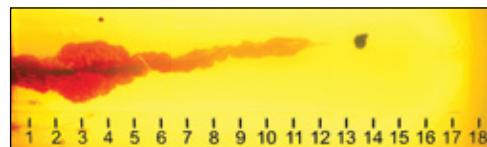
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.66"	99%	978



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
17.75"	0.54"	99%	973



AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.75"	0.53"	75%	972



CRITICAL DEFENSE®

HANDGUN | 2



CRITICAL DEFENSE®

Critical Defense® ammunition is ideal for executive protection, undercover operations, close quarters situations, or for use in backup weapons or off-duty carry.

Personal defense ammunition is redefined with Hornady® Critical Defense® ammunition. You may have never thought about the effects of fabric and clothing on the performance of ammo. But clothing — especially heavy clothing — has a lot to do with how the bullet expands upon impact. Conventional hollow point bullets often experience tip clogging as the bullet passes through light and heavy clothing, which diminishes expansion and causes unreliable bullet performance.

Hornady® Critical Defense® ammo eliminates clogging with the use of the patented FTX® (Flex Tip eXpanding) bullet. Upon entering soft tissue, the tip swells and imparts equal pressure across the entire circumference of the bullet cavity. The result is unrivaled bullet expansion and performance.



U.S. Patent Nos.
8,161,885
8,413,587



To learn more about
Critical Defense®,
scan the QR code.



1. FTX® Bullet Technology

The patented FTX® bullet will expand reliably.

2. Optimized Propellants

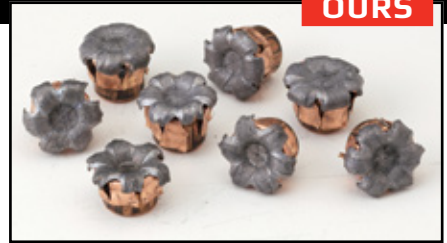
Optimized propellants burn quickly, reduce recoil and limit muzzle flash to protect night vision.

3. Nickel-plated Case

Nickel-plated cases resist corrosion and greatly enhance low-light chamber checks.

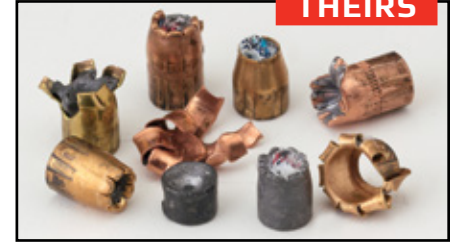


OURS



Flex Tip® technology guarantees reliable performance.

THEIRS



Conventional hollow point bullets perform unreliably when encountering heavy fabric or layers of clothing.

All Critical Defense® ballistic gelatin shots were fired from 10 feet.

380 AUTO 90 gr. FTX®

2.75" BBL RUGER LPC | No. 90080



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
10.25"	0.51"	98%	1000

9MM LUGER 115 gr. FTX®

3" BBL | Kahr MK9 | No. 90250

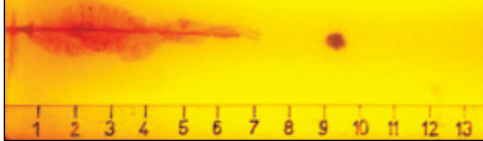


HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
11.25"	0.55"	100%	1140

9x18 MAKAROV 95 gr. FTX®

3.75" BBL MAKAROV M | No. 91000



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
9.75"	0.57"	100%	1000

38 SPL 90 gr. FTX®

CRITICAL DEFENSE® LITE
1 7/8" BBL | Smith & Wesson 637 | No. 90300



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
8.25"	0.54"	98%	1010

9MM LUGER 100 gr. FTX®

CRITICAL DEFENSE® LITE
3" BBL | Kahr MK9 | No. 90240



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
9.25"	0.57"	99%	1125

38 SPL 110 gr. FTX®

1 7/8" BBL | Smith & Wesson 637 | No. 90310



HEAVY CLOTHING

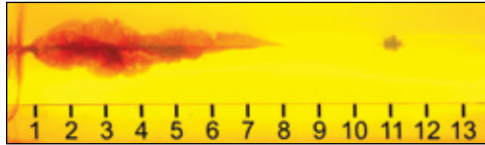
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.0"	0.50"	100%	1010



CRITICAL DEFENSE®

38 SPL+P 110 gr. FTX®

1 7/8" BBL | Smith & Wesson 637 | No. 90311

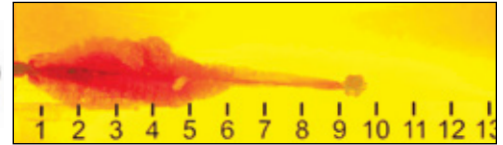


HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
11.25"	0.54"	99%	1090

44 SPL 165 gr. FTX®

2 1/2" BBL | Smith & Wesson 329 PD | No. 90700

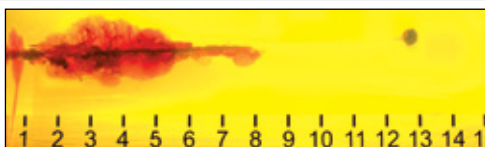


HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
9.75"	0.70"	99%	900

357 MAG 125 gr. FTX®

3" BBL | Smith & Wesson 686 | No. 90500



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.0"	0.61"	100%	1500

45 AUTO 185 gr. FTX®

3" BBL | Springfield EMP | No. 90900

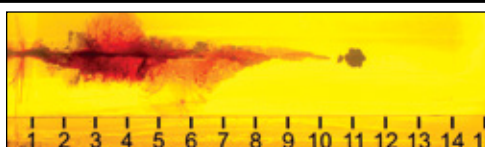


HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.75"	0.66"	99%	1000

40 S&W 165 gr. FTX®

3" BBL | Springfield XD 40C | No. 91340



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
11.5"	0.68"	100%	1045

45 COLT 185 gr. FTX®

3" BBL | Taurus Judge | No. 92790



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
11.25"	0.74"	99%	910

All Critical Defense® ballistic gelatin shots were fired from 10 feet.

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HANDGUN



Hornady
SECURITY.

RAPID® Safe

Fast access • Touch-free entry
• Child-resistant design



Learn more about this revolutionary concept in firearm protection on pages 37-40.

The difference between Critical Defense® & Critical DUTY®



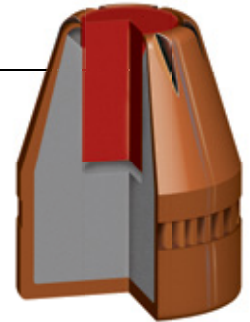
CRITICAL DEFENSE®

Critical Defense® = Backup Weapons/Off-Duty Carry

Critical Defense® handgun ammunition is ideal for backup weapons, off-duty carry or for those serving in executive protection, undercover operations, or any dedicated close quarters situation.

Critical Defense® provides controlled expansion while reducing the potential of over penetration. The patented FTX® bullet and associated Flex Tip® technology used in Critical Defense® ammunition eliminates the clogging and inconsistent expansion and penetration that often plagues hollow point bullets.

All Critical Defense® ammunition is loaded in nickel-plated cases for improved feeding and increased visibility in low-light situations. Critical Defense® is unaffected by thick, heavy clothing (including denim and leather) and delivers superior controlled expansion with deep wound cavities over a wide range of velocities. Premium low-flash propellants have been specifically tailored for short-barreled handguns to deliver proven performance.



U.S. Patent Nos.
8,161,885
8,413,587



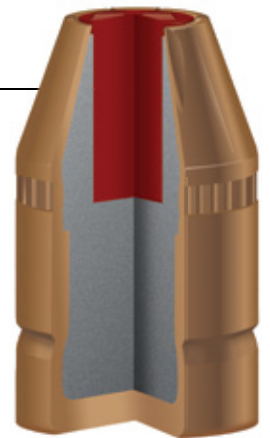
Critical DUTY® = On-Duty/ Patrol/Tactical

Critical DUTY® handgun ammunition is built to meet the diverse on-duty requirements of law enforcement and tactical professionals. Critical DUTY® ammunition delivers superior barrier penetration and subsequent terminal performance, while still minimizing the liability of over-penetration.

The FlexLock® bullets loaded in all Critical DUTY® offerings are rugged, heavy-jacketed bullets that deliver "barrier blind" performance when shot through common urban barriers* (bare gelatin, auto glass, sheet metal, plywood, drywall, and heavy clothing). In addition, Critical DUTY® loads are designed to work in ALL handguns. However, these loads deliver optimized performance through the FBI Protocol test when used in full-sized handguns.

All Critical DUTY® ammunition is loaded in nickel plated cases for improved feeding and increased visibility in low-light situations and features waterproof sealant around the primer and the case mouth to provide superior performance no matter your environment.

*As defined by the "FBI Protocol" handgun ammunition test.



U.S. Patent Nos.
8,161,885
8,413,587
9,121,677



Critical DUTY® ammo features waterproof sealant around the primer.



Critical DUTY® ammo features an "H" on the tip.

**Critical DUTY® ammo is packaged in
50-count boxes for Law Enforcement.**



223 REM

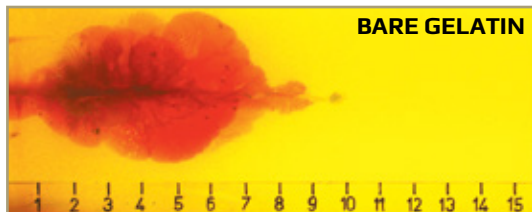
14

RIFLE



223 REM

Hornady® 223 Rem TAP® loads are a unique offering to law enforcement professionals that combine reliable functioning with consistent performance, low muzzle signature, and exceptional accuracy in cannellured and crimped 53, 55, 60 and 62 gr. bullets, and a 75 gr. load offering match accuracy. This ammunition features clean burning propellants and enhanced terminal performance. These highly effective bullets will penetrate soft body armor making them an excellent choice for patrol rifle programs and SWAT teams.



BARE GELATIN

Bullet: 55 gr. TAP Urban®
B.C.: .255 **S.D.:** .157
Muzzle Velocity: 3229 fps
Barrel: 16"
Twist Rate: 1:9"
Total Penetration: 10"
Max. Cavity: 4.5"
Depth to Max. Cav.: 5"
Entry: 0.5"
Retained Weight: 24.1 gr.

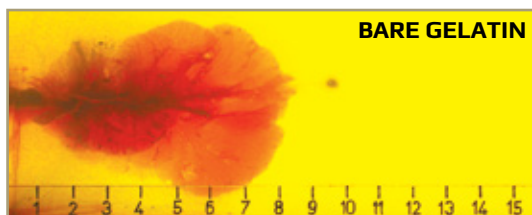


55 gr. TAP URBAN® ITEM #83276

APPLICATION: ENTRY

The Hornady® 223 Rem 55 gr. TAP Urban® is the preferred choice for use in SBRs, carbines, and rifles when the probability for barrier penetration is low. Rapid expansion provides dramatic wound cavities, massive fragmentation, and prevents over penetration on non-barrier engagements. These factors make this bullet a great choice when collateral risk is high.

55 gr. TAP Urban® 16" bbl DPMS AR-15	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	3229	2844	2491	2164	1863	1591
Energy (ft lbs)	1273	988	758	572	424	309
Trajectory (inches)	-1.5	0	-2.8	-11.3	-27.2	-53.3



BARE GELATIN

Bullet: 60 gr. TAP Urban®
B.C.: .265 **S.D.:** .171
Muzzle Velocity: 3124 fps
Barrel: 16"
Twist Rate: 1:9"
Total Penetration: 9.75"
Max. Cavity: 5.25"
Depth to Max. Cav.: 6.25"
Entry: 0"
Retained Weight: 20.2 gr.

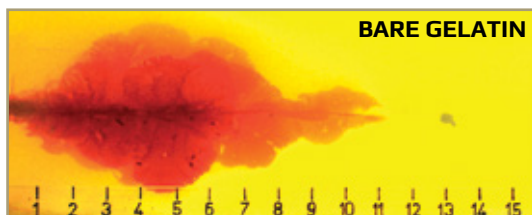


60 gr. TAP URBAN® ITEM #83286

APPLICATION: ENTRY

The Hornady® 223 Rem 60 gr. TAP Urban® offers high velocity and performance similar to that of other polymer tipped Hornady® 223 bullets. The 60 gr. bullet offers similar retained weight and penetration to the 55 gr. TAP Urban®, and is the heaviest polymer tipped bullet acceptable for 1:12" twist weapons. The heavier 60 gr. bullet transfers more energy to the target for enhanced terminal performance.

60 gr. TAP Urban® 16" bbl DPMS AR-15	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	3124	2762	2427	2117	1830	1572
Energy (ft lbs)	1300	1016	785	597	446	329
Trajectory (inches)	-1.5	0	-3.1	-12.1	-29.0	-56.3



BARE GELATIN

Bullet: 62 gr. TAP® Barrier™
B.C.: .264 **S.D.:** .176
Muzzle Velocity: 3075 fps
Barrel: 16"
Twist Rate: 1:9"
Total Penetration: 13.75"
Max. Cavity: 4.5"
Depth to Max. Cav.: 4.75"
Entry: 0.25"
Retained Weight: 43.6 gr.

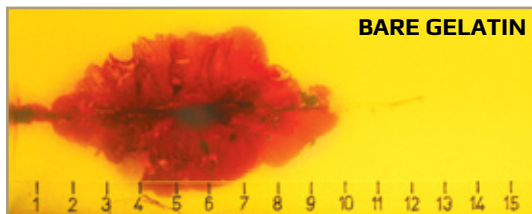


62 gr. TAP® BARRIER™ ITEM #83285

APPLICATION: PATROL/DUTY

TAP® Barrier™ turns cover into concealment. Hornady® originally developed this ammunition to meet the requirement for a high-speed, barrier penetrating bullet that could be used for nuclear power plant security. The design of the TAP® Barrier™ round allows the projectile to maintain its structural integrity while punching through barriers, yet still initiates expansion in soft tissue. For patrol carbine programs or any tactical situation where the need is for barrier penetration and terminal soft tissue performance, Hornady® TAP® Barrier™ ammunition is the ideal choice.

62 gr. TAP® Barrier™ 16" bbl DPMS AR-15	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	3075	2715	2383	2075	1791	1637
Energy (ft lbs)	1302	1015	782	592	442	325
Trajectory (inches)	-1.5	0	-3.2	-12.7	-30.2	-58.7



BARE GELATIN

Bullet: 75 gr. BTHP TAP®
B.C.: .395 **S.D.:** .214
Muzzle Velocity: 2792 fps
Barrel: 16"
Twist Rate: 1:7"
Total Penetration: 12.5"
Max. Cavity: 5.25"
Depth to Max. Cav.: 5"
Entry: 1"
Retained Weight: 27.0 gr.



75 gr. BTHP TAP® ITEM #80265

APPLICATION: PRECISION RIFLE

This match accurate load is our heavy TAP® offering in 223 Rem. This load is suitable for a short barreled rifle that has either a 223 Rem or 5.56 NATO chamber. The 75 gr. bullet offers deeper penetration than the 55 gr. and 60 gr. TAP Urban® bullets. The 75 gr. BTHP penetrates with minimal deflection and provides rapid fragmentation, thus delivering more energy to the target. This bullet generates very large and consistent wound cavities, serving as an ideal choice for 223 Rem precision rifle applications.

75 gr. BTHP TAP® 16" bbl DPMS AR-15	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2792	2563	2346	2139	1943	1758
Energy (ft lbs)	1298	1094	916	762	628	515
Trajectory (inches)	-1.5	0	-3.8	-13.9	-31.7	-58.7



TAP PATROL®

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RIFLE



TAP PATROL®

TAP Patrol® is specifically designed to provide consistent and reliable performance through the FBI protocol when fired through 14.5" – 16" barreled 1:7" – 1:9" twist patrol rifles. The lead free GMX® bullet features a flat polymer tip, which allows it to provide "barrier blind" performance ensuring consistent penetration depths. The flat tip design ensures the bullet will not plug with material from the barriers and ensures feeding through the wide variety of patrol rifle platforms. TAP Patrol® ammunition is loaded with temperature stable, low flash propellant designed to work when you do.

APPLICATION: ENTRY, PATROL/DUTY



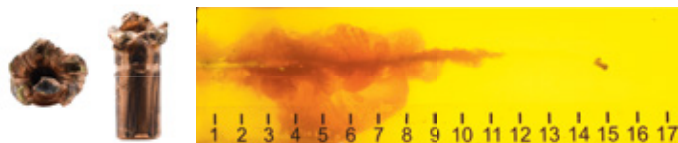
*Available in 223 Rem and 5.56 NATO.
See page 43-44 for ballistics.*


BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.0"	0.50"	98%	3010


HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.5"	0.46"	89%	3045


STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.33"	92%	3027


WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.0"	0.48"	91%	3030


PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.0"	0.28"	40%	3014


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.25"	0.42"	72%	3025


BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.0"	0.48"	97%	3169


HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.25"	0.48"	96%	3136


STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.25"	0.36"	94%	3143


WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
13.5"	0.42"	44%	3161


PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.31"	37%	3170


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.36"	50%	3156



5.56 NATO

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RIFLE

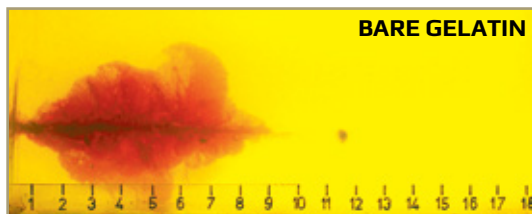


5.56 NATO

Many rifles chambered in 5.56 NATO are not realizing their full potential because departments are shooting 223 Rem ammo. To get all the performance the 5.56 NATO can deliver, the Hornady® 5.56 rounds are tailored to maximize performance.

Your 5.56 NATO chambered rifle was designed to take advantage of the higher pressure of the 5.56 NATO cartridge — higher pressure translates to increased velocity, higher energy and harder-hitting performance.

CAUTION: Firing 5.56 NATO ammunition in 223 Remington chambers will produce a dramatic rise in pressure which increases stress on the weapon, risking wear, permanent damage and/or injury. Please see our Application Guide for full details.



BARE GELATIN

Bullet: 62 gr. TAP® Barrier™
B.C.: .264 S.D.: .176
Muzzle Velocity: 3078 fps
Barrel: 16"
Twist Rate: 1:9"
Total Penetration: 11.75"
Max. Cavity: 5.5"
Depth to Max. Cav.: 4.75"
Entry: 0.75"
Retained Weight: 45.1 gr.

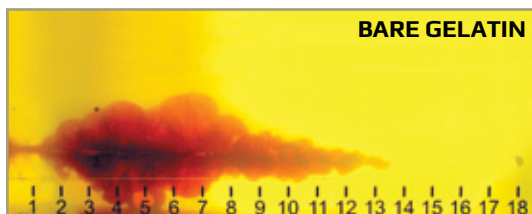


62 gr. TAP® BARRIER™ ITEM #8125C (50ct)

APPLICATION: PATROL/DUTY

TAP® Barrier™ turns cover into concealment. Hornady® originally developed this ammunition to meet the requirement for a high-speed, barrier penetrating bullet that could be used for nuclear power plant security. The design of the TAP® Barrier™ round allows the projectile to maintain its structural integrity while punching through barriers, yet still initiates expansion in soft tissue. For patrol carbine programs or any tactical situation where the need is for barrier penetration and terminal soft tissue performance, Hornady® TAP® Barrier™ ammunition is the ideal choice.

62 gr. TAP® Barrier™ 16" bbl DPMS AR-15	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	3078	2718	2386	2077	1793	1539
Energy (ft lbs)	1304	1017	783	594	443	326
Trajectory (inches)	-1.5	0	-3.2	-12.6	-30.1	-58.5



Bullet: 70 gr. GMX® TAP® Barrier™
B.C.: .350 **S.D.:** .199
Muzzle Velocity: 2882 fps
Barrel: 16"
Twist Rate: 1:7"
Total Penetration: 18"
Max. Cavity: 4.0"
Depth to Max. Cav.: 4.5"
Entry: 0.5"
Retained Weight: 67.6 gr.



70 gr. GMX® TAP® BARRIER™ ITEM #81265

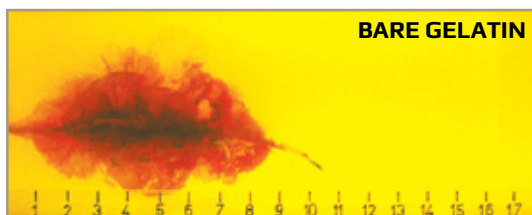
APPLICATION: PATROL/DUTY | **Meets FBI Protocol**

LEAD FREE

TAP® Barrier™ turns cover into concealment. The 5.56 NATO 70 gr. GMX® Barrier™ round is designed to meet the requirements of the FBI Protocol. The 70 gr. GMX® is a monolithic solid bullet constructed entirely from a premium copper alloy that will deliver high weight retention and deep penetration. This bullet is well suited for guns with faster twist rates and is extremely reliable for patrol carbine use or any other situation that may involve vehicles or barricades.

(For use in 1:7" twist SBRs, carbines and rifles or 1:8" twist carbines and rifles.)

70 gr. GMX® TAP® Barrier™ 16" bbl Colt M4	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2882	2620	2372	2138	1917	1712
Energy (ft lbs)	1291	1066	874	710	571	455
Trajectory (inches)	-1.5	0	-3.6	-13.4	-30.8	-57.7



Bullet: 75 gr. BTHP T2 TAP®
B.C.: .355 **S.D.:** .214
Muzzle Velocity: 2858 fps
Barrel: 16"
Twist Rate: 1:9"
Total Penetration: 10.5"
Max. Cavity: 5.5"
Depth to Max. Cav.: 5.5"
Entry: 0.75"
Retained Weight: 31.5 gr.

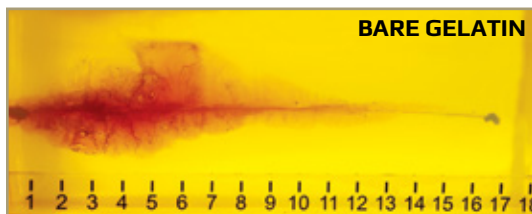


75 gr. BTHP T2 TAP® ITEM #8126N

APPLICATION: PRECISION RIFLE

The T2 bullet profile is specifically designed to optimize function and feeding in M16/M4 variant guns. The cartridge's propellant technology is custom designed to enhance weapon operation, and delivers phenomenal temperature stability. The 75 gr. BTHP T2 bullet is designed to deliver rapid incapacitation upon impact.

75 gr. BTHP T2 TAP® 16" bbl DPMS AR-15	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2858	2600	2357	2127	1910	1708
Energy (ft lbs)	1360	1126	925	753	608	486
Trajectory (inches)	-1.5	0	-3.7	-13.6	-31.2	-58.5



Bullet: 75 gr. TAP SBR®
B.C.: .230 **S.D.:** .214
Muzzle Velocity: 2310 fps
Barrel: 10.5"
Twist Rate: 1:7"
Total Penetration: 17.0"
Max. Cavity: 4.5"
Depth to Max. Cav.: 4.5"
Entry: 0.50"
Retained Weight: 69.5 gr.



75 gr. TAP SBR® ITEM #81295

APPLICATION: ENTRY, PATROL/DUTY | **Meets FBI Protocol**

Hornady® 5.56 NATO TAP SBR® is designed specifically for 10.5"-12.5" short-barreled rifles by using proprietary propellants and a bullet designed with technology from industry leading Critical Duty® FlexLock® bullets. TAP SBR® ammunition provides exceptional performance in suppressed or unsuppressed SBR's. With virtually no flash or residue, TAP SBR® ammunition dramatically reduces sound signature, will not foul or overheat suppressors, delivers uniform velocity and accuracy, and provides controllable rate of fire in automatic platforms. TAP SBR® is the optimum choice for 10.5"-12.5" barreled 5.56 rifles.

75 gr. TAP SBR® 10.5" bbl LMT CQB	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2310	1964	1653	1386	1179	1042
Energy (ft lbs)	888	643	455	320	231	181
Trajectory (inches)	-1.5	0	-7.6	-28.1	-66.8	-130.5



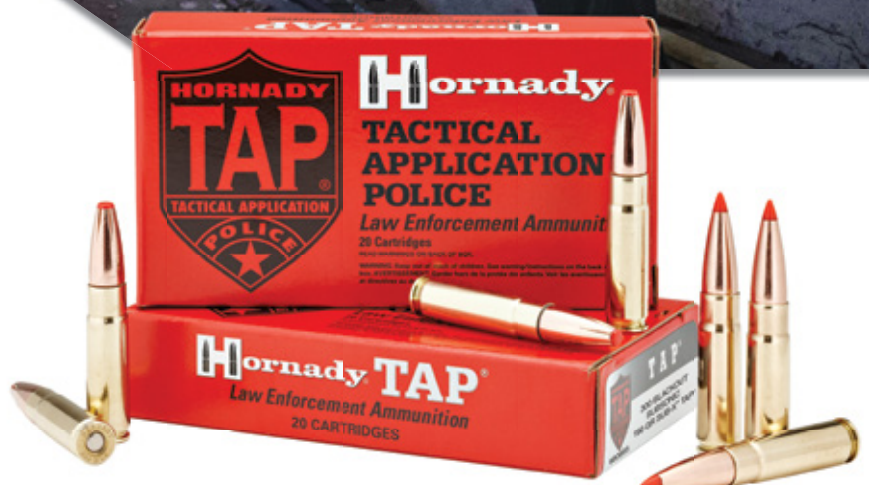
300 BLACKOUT



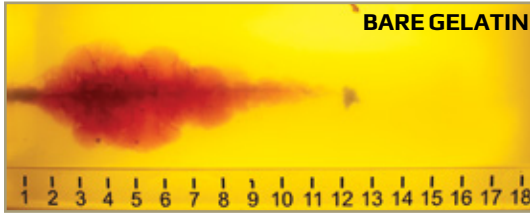
20
RIFLE

300 BLACKOUT

The 300 Blackout is perhaps the most versatile cartridge currently available for LE/Military applications. With the ability to provide superior terminal performance in 8" -16" barrel lengths, it has the ability to support CQB/CQC to Patrol operations. Purpose built bullet designs allow the end user to transition between limited penetration to subsonic or supersonic barrier blind (FBI Protocol) ammunition by simply switching a magazine. 300 Blackout TAP® provides options currently unavailable for any 223/5.56 or 308 SBR/Carbine platform.



300 BLACKOUT 110 gr. TAP URBAN® 8" BBL | MC6 PDW | NO. 80885



Bullet: 110 gr. TAP Urban®
B.C.: .290 **S.D.:** .166
Muzzle Velocity: 2175 fps
Barrel: 8"
Twist Rate: 1:8"
Total Penetration: 12.75"
Max. Cavity: 4.0"
Depth to Max. Cav.: 3.25"
Entry: 0.5"
Retained Weight: 83.2 gr.



APPLICATION: ENTRY

The Hornady® 300 Blackout 110 gr. TAP Urban® is the preferred choice for use in SBRs, carbines, and rifles when the probability for barrier penetration is low. Rapid expansion provides dramatic wound cavities, massive fragmentation, and prevents over penetration on non-barrier engagements. These factors make this bullet a great choice when collateral risk is high.

110 gr. TAP Urban® 8" bbl MC6 PDW	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2175	1908	1664	1447	1264	1124
Energy (ft lbs)	1155	889	676	511	390	308
Trajectory (inches)	-1.5	0	-8.1	-28.9	-66.3	-125.6

300 BLACKOUT 110 gr. GMX® TAP® 16" BBL | LMT MRP | NO. 80875 | Meets FBI Protocol

LEAD FREE



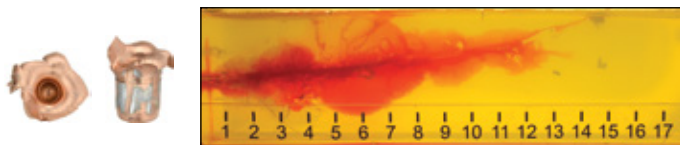
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.75"	0.60"	80%	2281



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.0"	0.59"	98%	2273



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
17.0"	0.59"	96%	2269



WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.25"	0.61"	95%	2276



PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.25"	0.50"	74%	2263



AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
18.0"	0.52"	80%	2268



300 BLACKOUT



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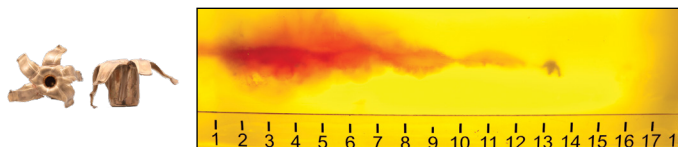
RIFLE

The Hornady® 300 Blackout 111 Monoflex® TAP SBR® was specifically designed to meet FBI protocol and maximize performance in rifles and pistols with barrel lengths from 6.75" to 12.5" and twist rates of 1:5" to 1:8". The newly designed 111 Monoflex® TAP SBR® features a lead-free monolithic bullet with a large internal cavity and an elongated elastomer tip. This combination allows for expansion at velocities below 1200 FPS, which equates to an expansion distance that is 3 times longer than that of a traditional 5.56 SBR featuring a 10.5" – 12.5" barrel.

APPLICATION: ENTRY PATROL/DUTY | **Meets FBI Protocol**

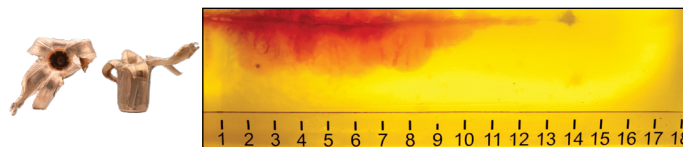
300 BLACKOUT 111 gr. MONOFLEX® TAP SBR® 6.75" BBL | SIG MCX | NO. 80865

LEAD FREE



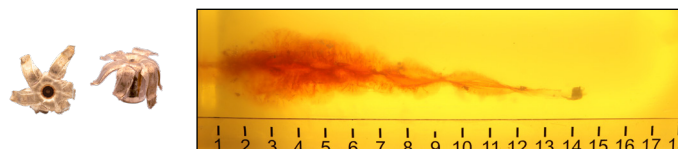
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.73"	89%	1893



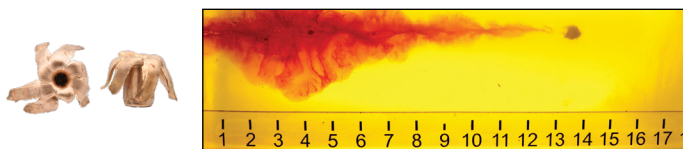
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.25"	0.66"	86%	1893



HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.75"	.74"	93%	1895



PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.25"	0.65"	95%	1888



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.63"	92%	1875



AUTO GLASS

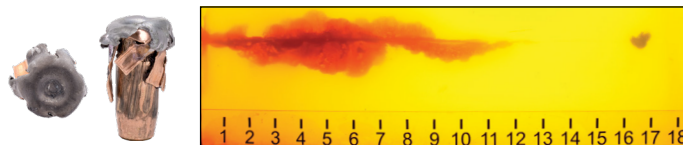
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.25"	0.44"	64%	1893



The 300 Blackout 190 gr. Sub-X® TAP® is designed to provide barrier performance through FBI protocol when stealth is a necessity. The patented Sub-X® bullet is designed to initiate expansion at distances over 400 yards when fired from an 8" – 16" 300 Blackout rifle or pistol.

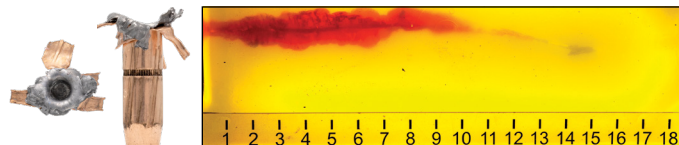
APPLICATION: ENTRY PATROL/DUTY | **Meets FBI Protocol**

300 BLACKOUT 190 gr. SUB-X® TAP® 8" BBL | Modern Outfitter MC6 PDW | NO. 80895 | **Meets FBI Protocol**



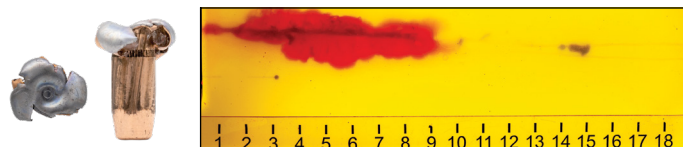
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
17.0"	0.57"	92%	998



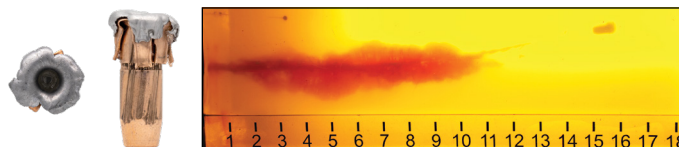
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.0"	0.424"	98%	997



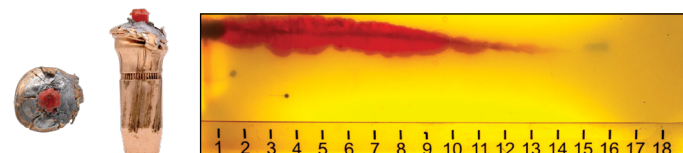
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.59"	90%	978



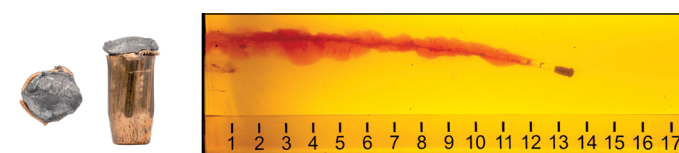
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.5"	0.52"	100%	992



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.5"	0.49"	100%	977

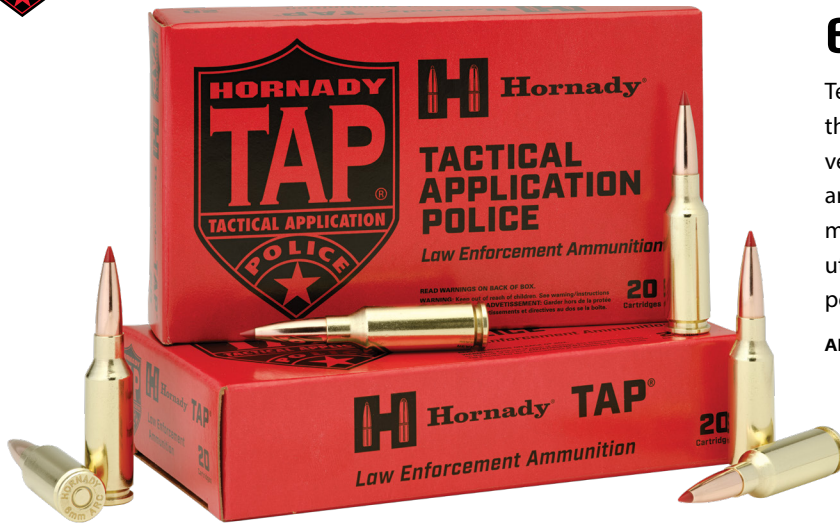


AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.0"	0.41"	68%	985



6MM ARC



6MM ARC TAP®

Tested, selected and fielded by a specialized group within the U.S. DoD for its multipurpose combat rifle program, the versatile 6mm ARC does much of what larger cartridges can and everything that smaller cartridges can't. Designed to meet the needs of the world's toughest critics, the 6mm ARC utilizes efficient, high-BC bullets to deliver unprecedented performance from the AR-15 platform.

APPLICATION: ENTRY/ PRECISION RIFLE/PATROL/DUTY

24
RIFLE

223 REM: 3.7 ft/lb

6mm ARC: 6.3 ft/lb

54% LESS RECOIL
THAN 308 WIN

308 WIN: 13.7 ft/lb

10 LB. RIFLE

RECOIL COMPARISON



30% LIGHTER
RIFLE SYSTEM THAN AR-10

223 REM: 604 ft/lb

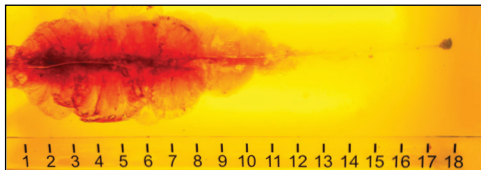
6mm ARC: 1062 ft/lb

308 WIN: 1556 ft/lb



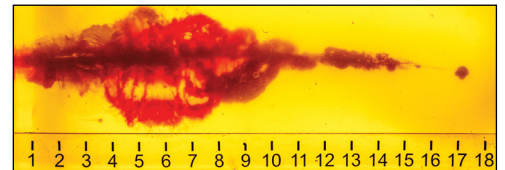
ENERGY AT 400 YARDS

6mm ARC 106 gr. TAP® 18" BBL | Noveske Proof Barrel | NO. 81605 | Meets FBI Protocol



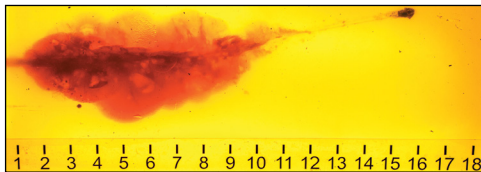
BARE GELATIN

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
18.0"	0.53"	73%	2647



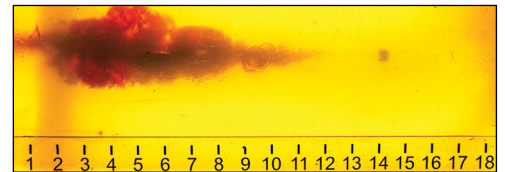
WALLBOARD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
17.5"	0.48"	71%	2653



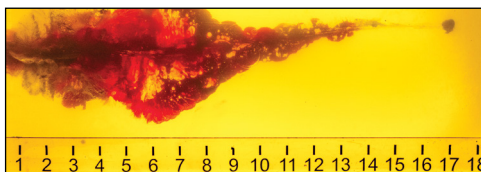
HEAVY CLOTHING

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
16.5"	0.44"	62%	2661



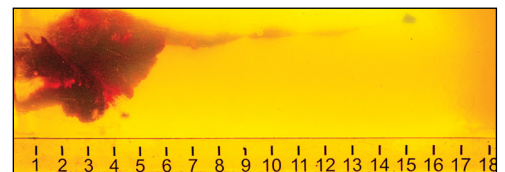
PLYWOOD

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.0"	0.45"	67%	2645



STEEL

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
17.5"	0.40"	66%	2677



AUTO GLASS

Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.35"	39%	2655



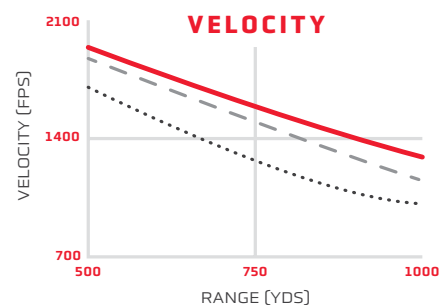
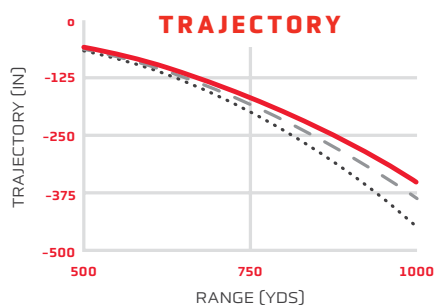
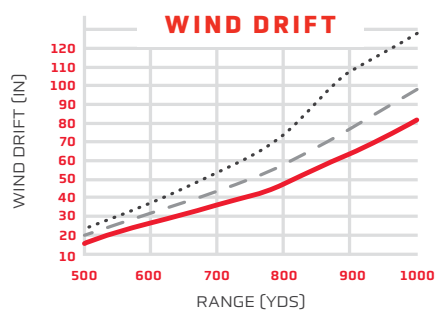
6MM ARC
108 GR ELD® MATCH

308 WIN
168 GR ELD® MATCH

223 REM
73 GR ELD® MATCH

CARTRIDGE COMPARISON

- 6MM ARC 108 GR ELD® MATCH
- 308 WIN 168 GR ELD® MATCH
- 223 REM 73 GR ELD® MATCH



24" TEST BARREL USED FOR TESTING PURPOSES



6.5 CREEDMOOR

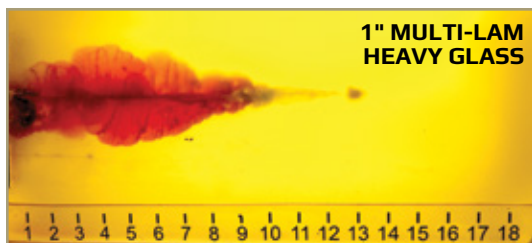
26
RIFLE



6.5 CREEDMOOR

Featuring inherently high Ballistic Coefficient (BC) 6.5mm bullets that also deliver high Sectional Density (SD), the 6.5 Creedmoor provides superior external ballistics and shootability with comparable terminal ballistic performance to that of the venerable 308 Winchester. Originally designed by Hornady® as a true match cartridge, the 6.5 Creedmoor is an exceptional choice for all LE/Military applications where the 308 Win had been the only option in the past.





Firearm: Remington 700
Bullet: 140 gr. GMX® TAP® Heavy Barrier™
B.C.: .350 **S.D.:** .287
Muzzle Velocity: 2650 fps
Barrel: 26"
Twist Rate: 1:8"
Total Penetration: 13.75"
Max. Cavity: 4.0"
Depth to Max. Cav.: 4.5"
Entry: 0.0"
Retained Weight: 67.7 gr.



140 gr. GMX® TAP® HEAVY BARRIER™ ITEM #81485

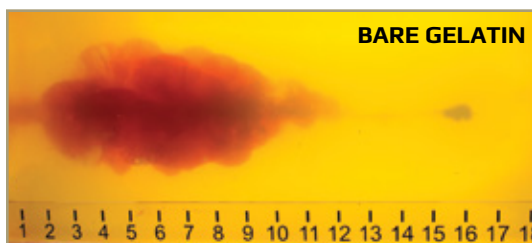
APPLICATION: PRECISION RIFLE

LEAD FREE

TAP® Heavy Barrier™ turns cover into concealment. The GMX® TAP® Heavy Barrier™ bullet is constructed of a monolithic copper alloy that shoots cleaner and fouls less than pure copper bullets. This load meets the FBI Protocol penetration requirement (12"-18") through heavy barriers (1" laminated glass, 1 ½" Lexan and 5/8" subway glass) with high weight retention. Featuring different tip geometry than TAP Precision® ammunition, this offering is loaded in a nickel-plated cartridge case making it easy to distinguish heavy barrier ammunition from other ammunition options.

NOTE: Not recommended for use where over-penetration may be a concern.

140 gr. GMX® TAP® Heavy Barrier™ 26" bbl Remington 700	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2675	2425	2188	1965	1757	1566
Energy (ft lbs)	2224	1827	1488	1200	959	762
Trajectory (inches)	-1.5	0	-4.4	-16.2	-37.0	-69.1



Firearm: Remington 700
Bullet: 147 gr. ELD® Match TAP Precision®
B.C. (G1): .697 **S.D.:** .301
Muzzle Velocity: 2646 fps
Barrel: 24"
Twist Rate: 1:8"
Total Penetration: 16.0"
Max. Cavity: 5.5"
Depth to Max. Cav.: 2.5"
Entry: 1.0"
Retained Weight: 68.4 gr.

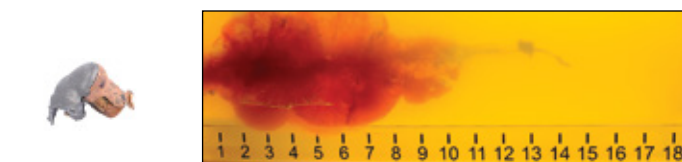


147 gr. ELD® Match TAP Precision® ITEM #81505

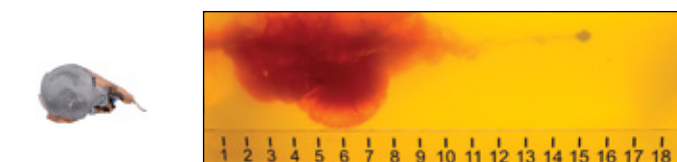
APPLICATION: PRECISION RIFLE | Meets FBI Protocol

Hornady® 6.5 Creedmoor TAP Precision® is specifically designed to meet FBI protocol and provide superior external ballistics when compared to standard 308 Win offerings. The 147 gr. ELD® Match bullet with Heat Shield® tip delivers excellent terminal performance and results in higher retained velocities, less drop, less wind drift, and more energy on target.

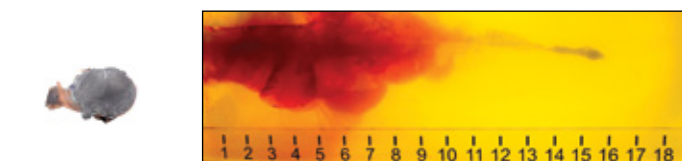
147 gr. ELD Match™ TAP Precision® 24" bbl Remington 700	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2655	2528	2404	2284	2167	2054
Energy (ft lbs)	2300	2085	1886	1703	1533	1377
Trajectory (inches)	-1.5	0	-3.9	-13.9	-30.5	-54.6



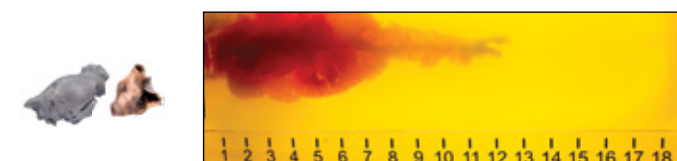
STEEL			
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
14.5"	0.63"	35.1%	2657



PLYWOOD			
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.65"	54.6%	2676



WALLBOARD			
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
15.5"	0.76"	52.7%	2664



AUTO GLASS			
Penetration	Expanded Diameter	Retained Weight	Velocity (FPS)
12.5"	0.64"	35.1%	2633



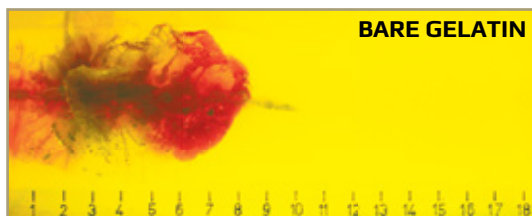
308 WIN



308 WIN

Hornady® TAP® Rifle loads offer reliable functioning, low muzzle signature and superior terminal performance. Hornady® urban/precision loads provide a low risk of over-penetration due to their enhanced expansion characteristics. The polymer tipped variants have high ballistic coefficients, making them an excellent choice for SWAT precision marksmen.

Endorsed by the American Sniper Association.



BARE GELATIN

Bullet: 110 gr. TAP Urban®
B.C.: .290 **S.D.:** .166
Muzzle Velocity: 3187 fps
Barrel: 20"
Twist Rate: 1:12"
Total Penetration: 10"
Max. Cavity: 6"
Depth to Max. Cav.: 4.5"
Entry: 0.5"
Retained Weight: 5.6 gr.



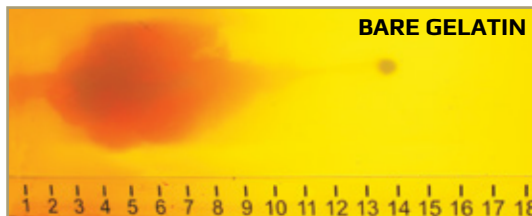
This bullet is designed to fragment entirely.

110 gr. TAP URBAN® ITEM #80896

APPLICATION: ENTRY, PRECISION RIFLE

This cartridge provides the police marksman a unique bullet that demonstrates rapid expansion, fragmentation and low retained weight. The 110 gr. TAP Urban® bullet offers the least penetration in ballistic gelatin and lower felt recoil as compared to heavier TAP® loads. The 110 gr. bullet demonstrates similar penetration to the 223 Rem 75 gr. BTHP bullet, but with substantially more temporary and permanent cavity and fragmentation, proving itself an excellent choice for high collateral risk environments.

110 gr. TAP Urban® 20" bbl Remington 700 LTR	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	3187	2850	2537	2246	1973	1723
Energy (ft lbs)	2480	1984	1572	1231	951	725
Trajectory (inches)	-1.5	0	-2.8	-11.0	-26.2	-50.3



BARE GELATIN

Bullet: 155 gr. ELD® Match TAP Precision®
B.C. (G1): .461 **S.D.:** .233
Muzzle Velocity: 2856 fps
Barrel: 26"
Twist Rate: 1:12"
Total Penetration: 13.75"
Max. Cavity: 6.0"
Depth to Max. Cav.: 3.0"
Entry: 0.5"
Retained Weight: 72.5 gr.

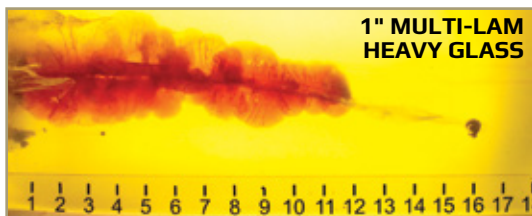


155 gr. ELD® MATCH TAP PRECISION® ITEM #80905

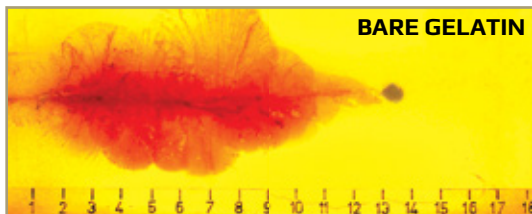
APPLICATION: ENTRY, PRECISION RIFLE | Meets FBI Protocol

Hornady® 308 Win 155 gr. ELD® Match TAP Precision® ammunition was designed as an improvement on the 155 gr. A-MAX® TAP Precision® load by incorporating the new ELD® Match bullet. The 155 gr. ELD® Match bullet with Heat Shield® tip delivers the excellent terminal performance TAP Precision® is known for, but features a resilient, heat resistant polymer tip that improves the ballistic coefficient, resulting in higher impact velocities, less drop, less wind drift, and more energy on target.

155 gr. ELD® Match TAP Precision® 24" Test BBL Remington 700P	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2850	2652	2462	2280	2106	1940
Energy (ft lbs)	2795	2421	2087	1789	1527	1295
Trajectory (inches)	-1.5	1.7	0	-7.5	-21.6	-43.7



Bullet: 165 gr. GMX® TAP® Heavy Barrier™
B.C.: .447 **S.D.:** .248
Muzzle Velocity: 2735 fps
Barrel: 26"
Twist Rate: 1:12"
Total Penetration: 16.25"
Max. Cavity: 4.0"
Depth to Max. Cav.: 3.5"
Entry: 0.0"
Retained Weight: 116.5 gr.



Bullet: 168 gr. A-MAX®
B.C.: .475 **S.D.:** .253
Muzzle Velocity: 2676 fps
Barrel: 20"
Twist Rate: 1:12"
Total Penetration: 14.25"
Max. Cavity: 6.5"
Depth to Max. Cav.: 7"
Entry: 0.5"
Retained Weight: 120.8 gr.



Bullet: 168 gr. ELD® MATCH
B.C.: .523 **S.D.:** .253
Muzzle Velocity: 2672 fps
Barrel: 26"
Twist Rate: 1:12"
Total Penetration: 13.25"
Max. Cavity: 7"
Depth to Max. Cav.: 3.75"
Entry: 0.5"
Retained Weight: 125.2 gr.



Bullet: 168 gr. ELD® MATCH
B.C.: .523 **S.D.:** .253
Muzzle Velocity: 2512 fps
Barrel: 16"
Twist Rate: 1:8"
Total Penetration: 15.25"
Max. Cavity: 5"
Depth to Max. Cav.: 4.5"
Entry: 0.5"
Retained Weight: 101.4 gr.



165 gr. GMX® TAP® HEAVY BARRIER™ ITEM #80985

APPLICATION: PRECISION RIFLE

LEAD FREE

TAP® Heavy Barrier™ turns cover into concealment. The GMX® TAP® Heavy Barrier™ is constructed of a monolithic copper alloy that shoots cleaner than pure copper and fouls less. The 165 GMX® bullets are designed to meet FBI Protocol (12" – 18") through heavy barriers such as 1" laminated glass, 1 1/2" Lexan, and 5/8" subway glass with exceptional weight retention while still delivering superior terminal performance. This offering is loaded in a nickel-plated cartridge case making it easy to distinguish from other options.

165 gr. GMX® TAP® Heavy Barrier™ 26" bbl Remington 700 LTR	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2735	2535	2344	2161	1987	1821
Energy (ft lbs)	2740	2355	2013	1711	1446	1215
Trajectory (inches)	-1.5	0	-3.9	-14.2	-31.9	-58.5

168 gr. A-MAX® TAP PRECISION® ITEM #80965

APPLICATION: ENTRY, PRECISION RIFLE | Meets FBI Protocol

The 168 gr. A-MAX® bullet is a match grade bullet with the performance advantages of a polymer tip. This bullet demonstrates an increase in penetration and retained weight over the 155 gr. A-MAX® bullet. Standard barrier performance is exemplary and this load demonstrates controlled and impressive soft tissue expansion without over penetration. The Hornady® 168 gr. A-MAX® TAP Precision® offers industry leading all-around performance for law enforcement precision marksmen providing the ability to stop a threat.

Meets FBI barrier penetration performance requirements.
Endorsed by the American Sniper Association.

168 gr. A-MAX® TAP Precision® 20" bbl Remington 700 LTR	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2676	2490	2311	2140	1976	1820
Energy (ft lbs)	2671	2312	1992	1708	1456	1235
Trajectory (inches)	-1.5	0	-4.1	-14.8	-33.0	-60.2

168 gr. ELD® MATCH TAP PRECISION® ITEM #80725

APPLICATION: ENTRY, PRECISION RIFLE | Meets FBI Protocol

Hornady® 308 Win 168 gr. ELD® MATCH TAP PRECISION® ammunition was designed as an improvement on the 168 gr. A-MAX TAP PRECISION® load by incorporating the new ELD® Match bullet. The 168 gr. ELD® Match bullet with Heat Shield® tip delivers the excellent terminal performance TAP Precision® is known for, but features a resilient, heat resistant polymer tip that improves the ballistic coefficient, resulting in higher impact velocities, less drop, less wind drift, and more energy on target.

168 gr. ELD® Match TAP Precision® 26" bbl Remington XCR Tactical	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2672	2492	2319	2153	1993	1841
Energy (ft lbs)	2663	2316	2006	1728	1482	1265
Trajectory (inches)	-1.5	0	-4.1	-14.7	-32.8	-59.7

168 gr. ELD® MATCH TAP AR™ ITEM #80715

APPLICATION: ENTRY, PRECISION RIFLE | Meets FBI Protocol

Designed specifically for the 308 AR-10 platform and its variants, the resilient tip of the ELD® Match bullet aids in reliable feed and function, and the propellant is specifically tailored to efficiently operate in the AR-10. The 168 gr. ELD® Match bullet with Heat Shield® tip delivers the excellent terminal performance TAP Precision® is known for, but features a resilient, heat resistant polymer tip that improves the ballistic coefficient, resulting in higher impact velocities, less drop, less wind drift, and more energy on target.

168 gr. ELD® Match 16" bbl TANGO 8 MSP	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2512	2349	2191	2040	1895	1757
Energy (ft lbs)	2354	2057	1791	1552	1339	1151
Trajectory (inches)	-2.5	0	-3.8	-14.9	-34.3	-63.4



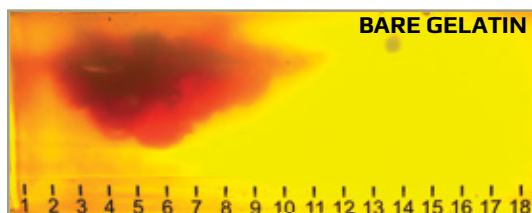
300 WIN MAG

30
RIFLE



300 WIN MAG

Hornady® 300 Win Mag 178 gr. ELD® MATCH TAP PRECISION® ammunition was designed as an improvement on the 178 gr. A-MAX TAP PRECISION® load by incorporating the new ELD® Match bullet. Offering higher velocity and energy that law enforcement professionals may require over the standard 308 Win, makes this a great alternative to utilize in a variety of situations. The tip initiated expansion of the ELD® Match bullet ensures uniform expansion and penetration through a variety of barriers, while mitigating liability due to over penetration.



Bullet: 178 gr. ELD® MATCH
B.C.: .547 **S.D.:** .268
Muzzle Velocity: 2894 fps
Barrel: 22"
Twist Rate: 1:8"
Total Penetration: 14.25"
Max. Cavity: 8.5"
Depth to Max. Cav.: 4.25"
Entry: 0.5"
Retained Weight: 82.8 gr.



178 gr. ELD® MATCH TAP PRECISION® ITEM #82045

APPLICATION: PRECISION RIFLE

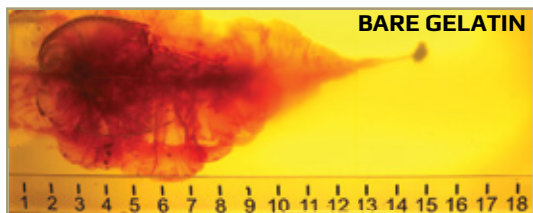
178 gr. ELD® Match TAP Precision® 22" bbl NEMO ARMS OMEN	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2894	2723	2560	2402	2249	2102
Energy (ft lbs)	3309	2931	2589	2279	1999	1746
Trajectory (inches)	-1.5	0	-3.2	-11.7	-26.2	-47.7



300 PRC

The 300 PRC 225 ELD® Match TAP Precision® was designed and adopted to fulfill a specific need within the Department of Defense by increasing hit probability and providing exceptional terminal performance from 0 – 2000 yards. This cartridge is an efficient, non-belted magnum featuring a 225 grain ELD® Match bullet with a Heat Shield® Tip. While utilizing the same bolt face as a 300 Win Mag, the 300 PRC headspaces off the shoulder rather than a belt, providing superior accuracy. Following similar design characteristics present in the 6.5 Creedmoor, the 300 PRC provides higher velocities and the ability to run longer/heavier bullets than the 300 Win Mag, making it a much more effective cartridge.

The ELD® Match with Heat Shield® Tip results in higher retained velocities, less drop, less wind drift, and is designed to expand at velocities as low as 1650 FPS making it an excellent choice for Military, SWAT, and Precision Rifle Marksman.



Bullet: 225 gr. ELD® MATCH
B.C.: .777 **S.D.:** .339
Muzzle Velocity: 2888 fps
Barrel: 26" Proof Carbon Fiber
Twist Rate: 1:8"
Total Penetration: 15.0"
Max. Cavity: 8.0"
Depth to Max. Cav.: 4.5"
Entry: 0.0"
Retained Weight: 95.8 gr.



225 gr. ELD® MATCH TAP PRECISION® ITEM #81215

APPLICATION: PRECISION RIFLE

225 gr. ELD® Match TAP Precision® 26" bbl BARRETT MRAD	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Velocity (fps)	2885	5765	2648	2535	2424	2316
Energy (ft lbs)	4158	3819	3504	3210	2935	2679
Trajectory (inches)	-1.5	0	-3.0	-11.1-	24.5	-43.8



SHOTGUN

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SHOTGUN



SHOTGUN

TAP® 12 gauge shotgun ammunition lives up to the legendary Hornady® name in every way – reliable functioning, consistent performance and tighter patterns without modification to the shotgun.

Hornady® offers multiple loads specially designed for the type of shotgun you use and the situations you face. Both the Reduced Recoil™ (blue) and Light Magnum® (red) loadings in 00 buck and slug offer reliable functioning, consistent performance, and better patterns than traditional shotgun shells through use of specialized wad technology. Our TAP® Entry™ (black) is designed to be utilized for multiple applications – breaching, entry, and training.



00 BUCK

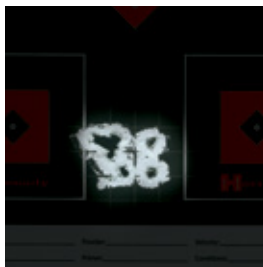
12 GA 2¾" TAP® REDUCED RECOIL™ 00 BUCK

ITEM #86265

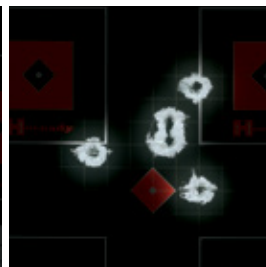
Hornady® TAP® Reduced Recoil™ (blue hull) is a reduced velocity load designed primarily for pump action shotguns. It comes loaded in a blue hull with a load delivering a velocity of 1,100 fps (30" test barrel.)

FEATURING THE
VERSATITE
WAD

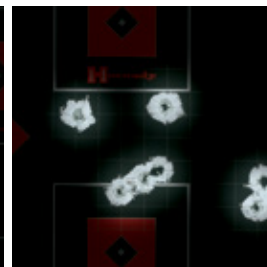
FIREARM: 18½" BBL Remington 870 Police Magnum		
Shot Size	Pellet Count	Muzzle Velocity (fps)
00 Buck	8	991



7 Yards 1.325"



15 Yards 2.687"



25 Yards 4.437"

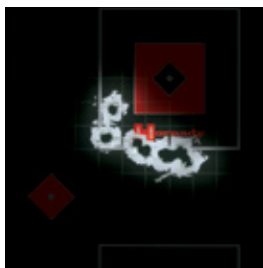
12 GA 2¾" TAP® LIGHT MAGNUM® 00 BUCK

ITEM #86275

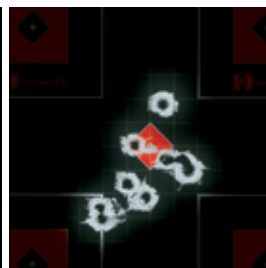
Hornady® TAP® Light Magnum® Buckshot (red hull) is loaded to a velocity of 1600 fps (30" test barrel) to ensure proper functioning in semi-automatic police shotguns. The Light Magnum® Buckshot can also be used in pump action shotguns.

FEATURING THE
VERSATITE
WAD

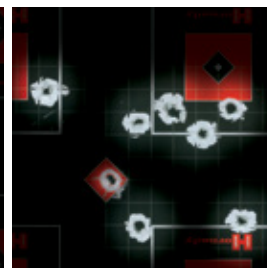
FIREARM: 18½" BBL Benelli M1 Super 90		
Shot Size	Pellet Count	Muzzle Velocity (fps)
00 Buck	8	1428



7 Yards 1.875"



15 Yards 2.75"



25 Yards 5.187"

RIFLED SLUG

12 GA 2¾" 1 OZ. TAP® REDUCED RECOIL™ RIFLED SLUG

ITEM #86285

Hornady® TAP® Reduced Recoil™ Rifled Slug (blue hull) is loaded to a velocity of 1350 fps (30" test barrel). This rifled slug is designed to be used in pump action shotguns with smooth bore barrels.

FIREARM: 18½" BBL 870 Police Magnum Smooth Bore		
Description	Shot Size	Muzzle Velocity (fps)
Rifled Slug	1 oz.	1350



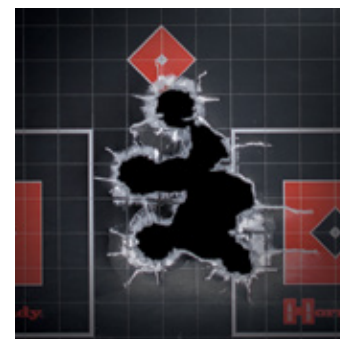
25 Yards 2.0"

12 GA 2¾" 1 OZ. TAP® LIGHT MAGNUM® RIFLED SLUG

ITEM #86235

Hornady® TAP® Light Magnum® Rifled Slug (red hull) is loaded to a velocity of 1600 fps (30" test barrel). Reliably functions in smooth bore semi-automatic police shotguns while maintaining SAAMI pressure specifications.

FIREARM: 18½" BBL Benelli M1 Super 90 Smooth Bore		
Description	Shot Size	Muzzle Velocity (fps)
Rifled Slug	1 oz.	1600



25 Yards 2.75"



TRAINING™

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TRAINING



TRAINING™

Hornady® Training™ ammunition provides a cost effective firearms training alternative to the standard TAP® and Critical DUTY® loads. Loaded with proven propellants, coupled with high quality bullets, cases, and primers, Hornady® Training™ ammunition is designed to deliver point of aim / point of impact comparable to our TAP® and Critical DUTY® offerings. Hornady® Training™ Ammunition - an economical, high quality solution for Law Enforcement training.

NOTICE: These products are not intended for duty use.



FRANGIBLE HANDGUN **LEAD FREE**

Hornady® Frangible Training Ammunition is designed to provide a lead-free alternative to our traditional training ammunition line. This ammunition gives law enforcement officers the ability to train using steel targets at close distances while reducing the risk of ricochets. Since this ammunition is entirely lead-free, it serves as an excellent choice for indoor range use. Hornady® Frangible Training™ Ammunition features brass cases and lead-free primers and projectiles that are matched with optimized propellants to provide the very best in frangible ammunition.

9MM LUGER 90 gr. FRANGIBLE TRAINING™ (BRASS CASE) ITEM #90230

4" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	1360	1167	1040
Energy (ft lbs)	370	272	216

357 SIG 90 gr FRANGIBLE TRAINING™ (BRASS CASE) ITEM #91285

5" Test bbl	muzzle	50 yds	100 yds
Velocity (fps)	1440	1209	1056
Energy (ft lbs)	414	292	223

40 S&W 125 gr. FRANGIBLE TRAINING™ (BRASS CASE) ITEM #91319

4" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	1210	1069	977
Energy (ft lbs)	406	317	265

45 AUTO 145 gr. FRANGIBLE TRAINING™ (BRASS CASE) ITEM #90931

5" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	1130	976	880
Energy (ft lbs)	411	307	249

HANDGUN

9MM LUGER 115 gr. TRAINING™

NEW

(BRASS CASE) ITEM #90269

4" Test bbl	muzzle	50 yds	100 yds
Velocity (fps)	1145	1063	1001
Energy (ft lbs)	335	288	256

9MM LUGER 135 gr. FMJ TRAINING™

(BRASS CASE) ITEM #90238

4" Test bbl	muzzle	50 yds	100 yds
Velocity (fps)	1010	960	918
Energy (ft lbs)	306	276	253

40 S&W 175 gr. FMJ TRAINING™

(BRASS CASE) ITEM #91374

4" Test bbl	muzzle	50 yds	100 yds
Velocity (fps)	1010	948	899
Energy (ft lbs)	396	350	314

357 SIG 135 gr. FMJ TRAINING™

(BRASS CASE) ITEM #91298

5" Test bbl	muzzle	50 yds	100 yds
Velocity (fps)	1225	1113	1033
Energy (ft lbs)	450	372	320

45 AUTO 220 gr. FMJ TRAINING™

(BRASS CASE) ITEM #90924

5" Test bbl	muzzle	50 yds	100 yds
Velocity (fps)	900	863	829
Energy (ft lbs)	396	363	336

RIFLE

223 REM 55 gr. SP TRAINING™

(BRASS CASE) ITEM #80255

24" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	3240	2823	2443
Energy (ft lbs)	1282	973	728
Trajectory (inches)	-1.5	0	-2.9

223 REM 55 gr. FMJ-BT TRAINING™

(BRASS CASE) ITEM #80275

24" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	3240	2836	2467
Energy (ft lbs)	1282	982	743
Trajectory (inches)	-1.5	0	-2.9

223 REM 55 gr. FMJ TRAINING™

(BRASS CASE) ITEM #80271

24" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	3240	2837	2468
Energy (ft lbs)	1282	983	744
Trajectory (inches)	-1.5	1.4	0

5.56 NATO 55 gr. FMJ TRAINING™

(BRASS CASE) ITEM #81278

20" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	3240	2837	2468
Energy (ft lbs)	1282	983	744
Trajectory (inches)	-1.5	1.4	0

300 BLACKOUT 110 gr. GR NTX®

NEW

(BRASS CASE) ITEM #80864

LEAD FREE

16" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	2070	1811	1577
Energy (ft lbs)	1047	801	608
Trajectory (inches)	-2.0	0	-8.7

5.56 NATO 45 gr. FRANGIBLE TRAINING™ **NEW**

(BRASS CASE) ITEM #81251

LEAD FREE

20" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	3050	2237	1571
Energy (ft lbs)	929	500	247
Trajectory (inches)	-1.5	0	-5.8

5.56 NATO 75 gr. TAP SBR® TRAINING™

(BRASS CASE) ITEM #81292

20" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	2310	2105	1911
Energy (ft lbs)	888	738	608
Trajectory (inches)	-1.5	0	-6.4

300 BLACKOUT 110 gr. FRANGIBLE TRAINING™

(BRASS CASE) ITEM #80870

LEAD FREE

16" Test bbl	muzzle	100 yds	200 yds
Velocity (fps)	2300	1907	1562
Energy (ft lbs)	1292	888	596
Trajectory (inches)	-1.5	0	-2.9



RIFLE

Arm yourself with ammunition that has been specially designed for tactical situations, from a legendary company that understands bullet design and ballistic physics better than anyone else in the world – Hornady®.



338 LAPUA MAGNUM 250 gr. BTHP

ITEM #8230

Ballistic Coefficient: .670	250 gr. BTHP (24" Test bbl)	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Sectional Density: .313	Velocity (fps)	2850	2712	2579	2449	2323	2201
	Energy (ft lbs)	4509	4083	3691	3330	2996	2689
	Trajectory (inches)	-1.5	0	-3.2	-11.7	-26.0	-46.7



338 LAPUA 285 gr. ELD® MATCH

ITEM #82300

Ballistic Coefficient: .789	285 gr. ELD MATCH (24" Test bbl)	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Sectional Density: .356	Velocity (fps)	2745	2636	2530	2426	2324	2225
	Energy (ft lbs)	4768	4397	4049	3723	3418	3133
	Trajectory (inches)	-1.5	1.8	0	-7.2	-20.3	-39.8



50 BMG 750 gr. A-MAX®

ITEM #8270

Ballistic Coefficient: 1.050	750 gr. A-MAX (36" Test bbl)	muzzle	100 yds	200 yds	300 yds	400 yds	500 yds
Sectional Density: .412	Velocity (fps)	2815	2727	2640	2557	2474	2393
	Energy (ft lbs)	13196	12386	11619	10889	10196	9538
	Trajectory (inches)	-1.8	1.4	0	-6.4	-18.2	-35.6



All RAPiD® Safes include a digital keypad as an alternate form of entry.



2700KP

2600KP



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SECURITY

RAPiD® SAFE 2600KP, 2700KP AND 4800KP

These RAPiD® Safes provide convenient, tamper-proof security for handguns and other valuables while you're at home or traveling. Their small footprint fits easily on a nightstand or in a suitcase, so your firearm is always protected and ready to go. With three sizes, there's an option for any size handgun.

CERTIFIED CHILD-RESISTANT

Exceeds ASTM International safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.

SAFE AND READY

AC & battery power means your handgun is both protected and ready to go 24/7.

MOBILE SECURITY

Included cable allows safe to be secured to a stationary object. Meets TSA requirements for handgun safety in checked luggage.*



4800KP

RAPiD® SAFE 2600KP (LARGE) No. 98177

Fits many 4-inch barrel pistols and 2-inch revolvers.*

Exterior: 8.7"W x 2.9"H x 10.7"D
Interior: 7.7"W x 2.2"H x 7"D

RAPiD® SAFE 2700KP (X-LARGE) No. 98172

Fits most 1911-size pistols and 4-inch revolvers.*

Exterior: 8.7"W x 2.9"H x 12.7"D
Interior: 7.7"W x 2.2"H x 9"D

RAPiD® SAFE 4800KP (XX-LARGE) No. 98141

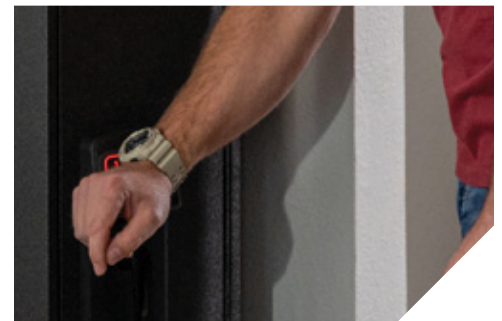
Fits two 1911-sized pistols or one large revolver.*

Exterior: 12"W x 2.9"H x 10.5"D
Interior: 11"W x 2.2"H x 7.2"D

***IMPORTANT:** Do not store loaded firearms in any safe or lock box. Follow local, state and federal laws for firearm storage and transport. Check TSA regulations and airline policies before traveling with any portable safe. Check dimensions of your firearm against safe's internal dimensions. Firearm and firearm accessories not included.



RAPID® SAFES



RAPID® SAFE READY VAULT™

Available in two sizes, the Square-Lok™ interior provides numerous configurations for maximum storage flexibility. Rearrange racks or purchase additional Square-Lok™ accessories as needed. The Ready Vault™ utilizes otherwise wasted space to keep all your guns and gear secure.

WIFI CONNECTIVITY KEEPS YOU INFORMED

Keep tabs on your Ready Vault™ safe through your smartphone. Download the Hornady Security® app and receive an alert when the safe is unlocked.

ADAPTABLE STORAGE

Square-Lok™ gun racks (included) and other accessories (sold separately) fit wherever you choose on metal interior peg walls. LED lights, shelves, gun racks, hygrometer and dehumidifiers are Square-Lok™ compatible.

PATENT PENDING GUN RACKS

Dual-purpose gun racks use spaces between barrels to accommodate up to eight long guns and 14 handguns. PVC coating protects the guns' finish while deep standoffs provide room for large optics.

PADDED FLOOR MAT

Neoprene floor mat prevents gun stocks from slipping and allows long guns to be stored safely upright.

SAFE AND READY

AC and battery power ensure your gun and other valuables are protected and ready 24/7.



NEW

RAPID® SAFE COMPACT READY VAULT™ W/ WIFI

No. 98196WIFI

Exterior: 10"W x 52.2"H x 10"D*
(*add 1.7" for handle)

Interior: 9.8"W x 51.8"H x 8"D
Weight: 70 lbs.

Metal Shelf
No. 98253

NEW

RAPID® SAFE READY VAULT™ W/ WIFI

No. 98195WIFI

Exterior: 20"W x 52.2"H x 15.1"D*
(*add 1.7" for handle)

Interior: 19"W x 51.8"H x 12.7"D
Weight: 170 lbs.

Ready Vault™ Shelf Kit
No. 98252

**NEW**

RAPID® SAFE COMPACT READY VAULT™
W/ WIFI
No. 98196WIFI

NEW

RAPID® SAFE READY VAULT™
W/ WIFI
No. 98195WIFI



SQUARE-LOK™ ACCESSORIES

Utilize your space your way with the revolutionary Square-Lok™ modular organizing system. Accessories lock in easily and hold firmly for countless storage configurations. Choose the pieces you need and the arrangement that works best for you.

- | | |
|--|------------------------------------|
| ① GUN RACKS
2-Gun No. 95792
4-Gun No. 95793 | ④ DEHUMIDIFIER
No. 95900 |
| ② PARTS BIN
No. 95791 | ⑤ HYGROMETER
No. 95909 |
| ③ WIRE SHELF
No. 95790 | |

***IMPORTANT:** Do not store loaded firearms in any safe or lock box. Follow local, state and federal laws for firearm storage and transport. Check TSA regulations and airline policies before traveling with any portable safe. Check dimensions of your firearm against safe's internal dimensions. Firearm and firearm accessories not included.



RAPID® SAFES

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SECURITY



Mount horizontally or vertically.



RAPID® SAFE AR GUNLOCKERS

The AR Gunlocker stows neatly under a bed, in a closet or the back of an SUV, providing total security with its fully enclosed design. Available in two sizes, secure up to three tactical-length rifles or shotguns and access them quickly and efficiently, thanks to RFID technology.

VERSATILE AND SECURE

Mount horizontally or vertically, and secure to wall, floor or other stationary object with pre-drilled mounting holes.

EASY, CONVENIENT ACCESS

Front-end spring-loaded door opens when unlocked to provide instant access to carbine-length weapons.

CERTIFIED CHILD-RESISTANT

Exceeds ASTM International safety standards for child and pry resistance, lock strength, drop/pick/saw tests and hinge attack resistance.

PROTECTIVE INTERIOR

Padded interior and foam gun mounts preserve firearms' appearance.



RAPID® SAFE AR GUNLOCKER No. 98190

Holds up to two tactical length rifles.*

Exterior: 42"W x 15.25"H x 6.75"D

Interior: 40.5"W x 13.5"H x 5.5"D

Weight: 50 lbs.



RAPID® SAFE AR GUNLOCKER XL No. 98191

Holds up to three tactical length rifles.*

Exterior: 42"W x 15.25"H x 10"D

Interior: 40.5"W x 13.5"H x 8.75"D

Weight: 62 lbs.

***IMPORTANT:** Do not store loaded firearms in any safe or lock box. Follow local, state and federal laws for firearm storage and transport. Check TSA regulations and airline policies before traveling with any portable safe. Check dimensions of your firearm against safe's internal dimensions. Firearm and firearm accessories not included.



Many full-size SUVs will accommodate the XXL Under Bed Safe and the Large Under Bed Safe fits most smaller SUVs.

UNDER BED SAFES

Available in three convenient sizes, SnapSafe® Under Bed Safes provide the perfect security wherever you rest or roam. Ideal for home, office or SUV, they keep your firearms, electronics and accessories out of the hands of unauthorized users yet conveniently within reach with a three- to eight-digit code you program yourself.

Available in three sizes

ROOM FOR YOUR TREASURES

Slide-out drawer accommodates firearms, jewelry, documents and more.

DUAL ENTRY METHODS

Digital lock with key backup provides convenient access to your valuables.

CLOSED TO INTRUDERS

Pry-resistant door keeps children and unauthorized users from gaining access.

TOUGH EXTERIOR

Constructed of heavy-duty steel, with pre-drilled holes for permanent installation.

SECURITY CABLE

Robust 5-foot cable provides added security when anchored to a stationary object.

UNDER BED SAFE - MEDIUM

No. 75402

26"W x 5"H x 20"D

Weight: 55 lbs.

UNDER BED SAFE - LARGE

No. 75401

40"W x 6"H x 22"D

Weight: 105 lbs.

UNDER BED SAFE - XXL

No. 75400

48"W x 7"H x 24"D

Weight: 150 lbs.



***IMPORTANT:** Do not store loaded firearms in any safe or lock box. Follow local, state and federal laws for firearm storage and transport. Check TSA regulations and airline policies before traveling with any portable safe. Check dimensions of your firearm against safe's internal dimensions. Firearm and firearm accessories not included.



CLEANING & ACCESSORIES

HORNADY® HOT TUB® SONIC CLEANER

The Hornady® Hot Tub® takes sonic cleaning to a whole new level. Featuring a 9 liter capacity, the Hot Tub® is long enough to accommodate and clean a 16 inch AR-15 upper. In addition to having 4 transducers, there is also a heating element that enhances cleaning action, which is especially useful when cleaning gun parts. Combined with One Shot® Sonic Clean™ solution, the microjet action removes carbon residue and other debris.

Unlike traditional tumblers, sonic cleaners clean internal and external surfaces of cartridge cases and primer pockets. One 1.7 quart inner tank comes with the unit and can be used in the main tank for cleaning multiple smaller parts or to use separate solutions at the same time. Hanging cords have been integrated into the design to allow large objects to take full advantage of the ultrasonic energy. Additionally, the Hot Tub® features integrated drain pans in the lids, a small parts basket, a de-gas function and 5 temperature settings from 100-140°F.



One Shot® Sonic Clean™ Gun Parts Formula

Cleans all gun parts and is safe for all firearms finishes. Quickly removes carbon, dirt, grease and powder residue. Designed specifically for the Hornady® Lock-N-Load® Sonic Cleaners.

32 fl oz. No. 043360

Hot Tub® main tank dimensions:

25.5"W x 7.0"H x 4.1"D
(9 Liters / 2.3 Gallons)

110 volt No. 043310

Internal divider tank dimensions:

6.7"W x 4.7"H x 3.2"D
(1.6 Liters / 1.7 Quarts)



One Shot® Gun Cleaner and Lube

Hornady® One Shot® with DynaGlide Plus® is a revolutionary formula developed to prevent firearm malfunctions caused by a buildup of lubricants and grime.

5 oz. Aerosol No. 9990
10 oz. Aerosol No. 99901

***Outperforms 40 other brands for
corrosion and rust prevention!***
Test results at Hornady.com



Hornady® Cheek Pad

Black (Right Hand) **No. 99108**
Black (Left Hand)..... **No. 99113**
Tan (Right Hand)..... **No. 99110**



Hornady® Range Bag

This durable nylon range bag has large compartments for the range shooter or uniformed officer. With embroidered Team Hornady® logos, this range bag can carry a variety of accessories. Imported.

No. 9919

TEST BARREL BALLISTICS

All rifle data shot from a 24" Bbl, unless otherwise noted.

CRITICAL DUTY®

Ammo Description				Velocity (fps)			Energy (ft/lb)		
CARTRIDGE	BULLET	ITEM #	BARREL LENGTH	MUZZLE	50 yds	100 yds	MUZZLE	50 yds	100 yds
9mm Luger + P	124 gr. FlexLock®	90215	4.0"	1175	1081	1012	380	322	282
9mm Luger	135 gr. FlexLock®	90235	4.0"	1010	960	918	306	276	253
9mm Luger + P	135 gr. FlexLock®	90225	4.0"	1110	1038	983	369	323	289
357 Sig	135 gr. FlexLock®	91295	4.0"	1225	1113	1031	450	371	319
357 Magnum	135 gr. FlexLock®	90515	8.0"	1275	1150	1059	487	396	336
40 S&W	175 gr. FlexLock®	91375	4.0"	1010	948	899	396	350	314
10mm Auto	175 gr. FlexLock®	91255	5.0"	1150	1052	981	523	437	381
45 Auto + P	220 gr. FlexLock®	90925	5.0"	975	927	887	464	420	384

CRITICAL DEFENSE®

Ammo Description				Velocity (fps)			Energy (ft/lb)		
CARTRIDGE	BULLET	ITEM #	BARREL LENGTH	MUZZLE	50 yds	100 yds	MUZZLE	50 yds	100 yds
380 Auto	90 gr. FTX®	90080	4.0"	1000	912	845	200	166	143
9 x 18 mm Makarov	95 gr. FTX®	91000	4.0"	1000	913	846	211	176	151
9mm Luger	100 gr. FTX® Lite	90240	4.0"	1125	1003	922	281	224	189
9mm Luger	115 gr. FTX®	90250	4.0"	1135	1025	949	329	268	230
38 Special	90 gr. FTX® Lite	90300	4.0"	1200	1037	938	288	215	176
38 Special	110 gr. FTX®	90310	4.0"	1010	939	882	249	215	190
38 Special + P	110 gr. FTX®	90311	4.0"	1090	996	928	290	242	210
357 Magnum	125 gr. FTX®	90500	8.0"	1500	1312	1163	624	478	376
40 S&W	165 gr. FTX®	91340	4.0"	1045	971	914	400	345	306
44 Special	165 gr. FTX®	90700	7 1/2"	900	847	802	297	263	235
45 Auto	185 gr. FTX®	90900	5.0"	900	853	811	333	299	270
45 Colt	185 gr. FTX®	92790	4 3/4"	920	870	826	348	311	280

223 REM

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
223 Rem	53 gr. GMX® TAP Patrol®	80295	3350	2770	2260	1808	1426	1146	1321	903	601	385	239	155	-1.5	0	-3.1	-13.1	-34.0	-72.3	
223 Rem	55 gr TAP Urban®	83276	3229	2845	2492	2166	1866	1595	1273	988	759	573	425	311	-1.5	0	-2.8	-11.3	-27.2	-53.2	
223 Rem	60 gr. TAP Urban®	83286	3124	2762	2429	2119	1833	1576	1300	1017	786	598	448	331	-1.5	0	-3.1	-12.1	-28.9	-56.2	
223 Rem	62 gr. TAP® Barrier™	83285	3075	2716	2385	2077	1794	1540	1302	1015	783	594	443	327	-1.5	0	-3.3	-12.7	-30.2	-58.6	
223 Rem	75 gr. BTHP TAP®	80265	2792	2564	2347	2140	1945	1761	1298	1094	917	763	630	516	-1.5	0	-3.8	-14.0	-31.7	-58.7	

5.56 NATO

Ammo Description			Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd
5.56 NATO	53 gr. GMX® TAP Patrol® (20" Bbl)	81275	3300	2727	2221	1774	1399	1130	1282	875	581	370	230	150	-1.5	0	-3.2	-13.7	-35.4	-75.1
5.56 NATO	62 gr. TAP® Barrier™ (20" Bbl)	8125C	3078	2719	2387	2079	1796	1542	1304	1018	784	595	444	327	-1.5	0	-3.2	-12.6	-30.1	-58.5
5.56 NATO	70 gr. GMX® TAP® Barrier™ (20" Bbl)	81265	2882	2620	2373	2139	1919	1715	1291	1067	875	711	573	457	-1.5	0	-3.6	-13.4	-30.8	57.7
5.56 NATO	75 gr. BTHP T2 TAP® (20" Bbl)	8126N	2858	2601	2358	2129	1912	1711	1360	1127	926	755	609	487	-1.5	0	-3.7	-13.6	-31.3	-58.5
5.56 NATO	75 gr. TAP® SBR (11.5 Bbl)	81295	2321	1975	1663	1395	1184	1045	897	649	461	324	234	182	-1.5	0	-7.5	-27.7	-66.0	-129.0

300 BLACKOUT

Ammo Description			Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd
300 Blackout	110 gr. TAP Urban® (16 Bbl)	80885	2375	2094	1834	1597	1389	1218	1378	1071	821	623	471	362	-1.5	0	-6.5	-23.4	-54.0	-102.7
300 Blackout	110 gr. GMX® TAP® (16" Bbl)	80875	2290	2028	1784	1653	1369	1210	1281	1004	777	597	458	357	-1.5	0	-7.0	-25.0	-57.3	-108.2
300 Blackout	111gr. Monoflex® TAP® SBR® (16" Bbl)	80865	2113	1695	1350	1108	972	884	1100	708	449	302	233	192	-1.5	0	-10.8	-40.9	-99.3	-194.4
300 Blackout	190 gr. Sub-X™ TAP® (16" Bbl)	80895	1050	998	955	918	885	856	465	420	384	355	331	309	-1.5	0	-33.4	-104.9	-217.7	-375.1

6MM ARC

Ammo Description			Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd
6mm ARC	106 gr. TAP® (18 Bbl)	81605	2625	2474	2328	2187	2051	1920	1622	1440	1276	1126	990	867	-1.5	0	-4.2	-14.8	-32.7	-58.9

TEST BARREL BALLISTICS

All rifle data shot from a 24" Bbl, unless otherwise noted.

6.5 CREEDMOOR

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
6.5 Creedmoor	140 gr. GMX® TAP® Heavy Barrier™	81485	2675	2425	2188	1965	1757	1566	2224	1827	1488	1200	959	762	-1.5	0	-4.4	-16.2	-37.0	-69.1	
6.5 Creedmoor	147 gr. ELD® Match TAP Precision®	81505	2695	2567	2443	2323	2206	2092	2370	2151	1948	1761	1587	1428	-1.5	0	-3.8	-13.4	-29.5	-52.7	

308 WIN

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
308 Win	110 gr. TAP Urban®	80896	3187	2851	2539	2248	1976	1726	2481	1985	1574	1234	954	727	-1.5	0	-2.8	-11.0	-26.2	-50.3	
308 Win	155 gr. ELD® Match TAP Precision®	80905	2785	2589	2401	2222	2050	1886	2669	2307	1985	1699	1446	1224	-1.5	0	-3.7	-13.4	-30.2	-55.4	
308 Win	165 gr. GMX® TAP® Heavy Barrier	80985	2735	2535	2344	2161	1987	1821	2740	2355	2013	1711	1446	1215	-1.5	0	-3.9	-14.2	-31.9	-58.5	
308 Win	168 gr A-Max® TAP Precision®	80965	2676	2490	2312	2141	1977	1822	2671	2313	1994	1710	1459	1238	-1.5	0	-4.1	-14.8	-33.0	-60.2	
308 Win	168 gr. ELD® Match TAP Precision®	80725	2698	2528	2365	2207	2056	1910	2715	2384	2086	1817	1576	1361	-1.5	0	-4.0	-14.2	-31.5	-57.1	
308 Win	168 gr. ELD® Match TAP AR™	80715	2512	2349	2192	2041	1896	1759	2354	2058	1792	1554	1341	1154	-1.5	0	-4.8	-16.9	-37.3	-67.5	

300 WIN MAG

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
300 Win Mag	178 gr. ELD® Match TAP Precision®	82045	2960	2788	2622	2462	2308	2159	3463	3071	2717	2396	2106	1843	-1.5	0	-3.0	-11.0	-24.8	-45.2	

300 PRC

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
300 PRC	225 gr. ELD® Match TAP Precision®	81215	2820	2706	2594	2484	2376	2270	3972	3658	3361	3082	2820	2574	-1.5	0	-3.2	-11.6	-25.7	-45.9	

RIFLE

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
338 Lapua Mag	250 gr. BTHP® (24" Bbl)	8230	2850	2712	2579	2449	2323	2201	4509	4083	3391	3330	2996	2689	-1.5	0	-3.2	-11.7	-26.0	-46.7	
338 Lapua	285 gr. ELD® Match (24" Bbl)	82300	2745	2636	2530	2426	2324	2225	4768	4397	4049	3723	3418	3133	-1.5	1.8	0	-7.2	-20.3	-39.8	
50 BMG	750 gr. A-Max® (36" Bbl)	8270	2815	2727	2640	2557	2474	2393	13196	12386	11619	10889	10196	9538	-1.8	1.4	0	-6.4	-18.2	-35.6	

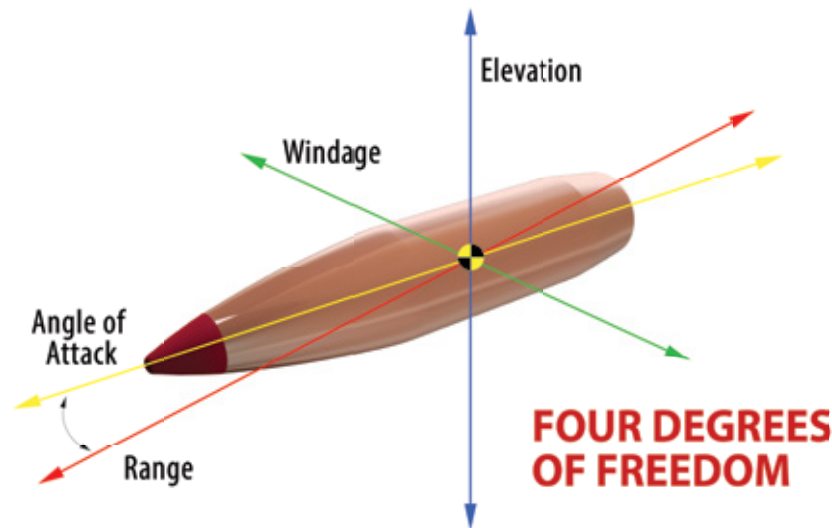
TRAINING™ - HANDGUN

Ammo Description				Velocity (fps)			Energy (ft/lb)		
CARTRIDGE	BULLET	ITEM #	BARREL LENGTH	MUZZLE	50 yd	100 yd	MUZZLE	50 yd	100 yd
9mm Luger	90 gr. FMJ Training	90238	4"	1010	960	918	306	276	253
9mm Luger	115 gr. Training	90269	4"	1145	1063	1001	335	288	256
357 Sig	135 gr. FMJ Training	91298	5"	1225	1113	1033	450	372	320
40 S&W	175 gr. FMJ Training	91374	4"	1010	948	899	396	350	314
45 Auto	220 gr. FMJ Training	90924	4"	900	863	829	396	363	336
9mm Luger	90 gr. Frangible Training	90230	4"	1360	1167	1040	370	272	216
357 Sig	90 gr. Frangible Training	91285	4"	1440	1209	1056	414	292	223
40 S&W	125 gr. Frangible Training	91319	4"	1210	1069	977	406	317	265
45 Auto	145 gr. Frangible Training	90931	5"	1130	936	884	411	307	249

TRAINING™ - RIFLE

Ammo Description			Velocity (fps)			Energy (ft/lb)			Trajectory Tables (inches)		
	BULLET	ITEM #	MUZ	100 yd	200 yd	MUZ	100 yd	200 yd	MUZ	100 yd	200 yd
223 Rem	55 gr. SP Training	80255	3240	2823	2443	1282	973	728	-1.5	0	-2.9
223 Rem	55 gr. FMJ-BT Training	80275	3240	2836	2467	1282	982	743	-1.5	0	-2.9
223 Rem	55 gr. FMJ Training	80271	3240	2837	2468	1282	983	744	-1.5	1.4	0
5.56 NATO	45 gr. Frangible Training (20" Bbl)	81251	3050	2237	1571	929	500	247	-1.5	0.0	-5.8
5.56 NATO	55 gr. FMJ Training (20" Bbl)	81278	3240	2837	2468	1282	983	744	-1.5	1.4	0
5.56 NATO	75 gr. TAP SBR® Training (20" Bbl)	81292	2310	2105	1911	888	738	608	-1.5	0	-6.4
300 Blackout	110 gr. NTX® Training (16" Bbl)	80864	2070	1811	1577	1047	801	608	-2.0	0	-8.7
300 Blackout	110 gr. Frangible Training (16" Bbl)	80870	2375	2094	1834	1378	1071	623	-1.5	3.2	0

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