Sellier & Bellot®

MILITARY AND LAW ENFORCEMENT PRODUCTS

200 SELLIER & BELLOT CELEBRATION 200 YEARS OF FUTURE
GREAT STORIES LAST

DEVELOPMENT ACHIEVEMENTS

HOMOGENOUS LEAD FREE BULLETS

lead free

- Service and training bullets
- Non-lead bullets
- Controlled bullet expansion for an intervention use
- Meet the most demanding ecological and technical requirements

Sellier & Bellot is a long time holder of the key position in ammunition production and ranks among the oldest engineering companies in the Czech Republic.

It produces a wide range of small arms ammunition for military and law enforcement use.

It's a company that strongly emphasizes research and development. Some of its latest achievements illustrate the strength of its research and development activities.

POWER OF RESEARCH AND DEVELOPMENT

NATO COMPLIANT LEAD FREE PROGRAM

- 9 × 19 FMJ
- 5.56 × 45 SS 109
- 7.62 × 51 FMJ

lead free

nontox

- 5.56 × 45
- 7.62 × 51

IR-DIM TRACER

The performance of its tracer bullet is invisible to the naked eye but visible using night-vision devices (NVD's)

- Difficult identification of the shooter's position
- Minimal muzzle flash enables the use of NVD directly by the shooter
- Compliance with NATO MOPI requirements

LEAD FREE BULLETS

Identical trajectory of FMJ, HS and TB bullets

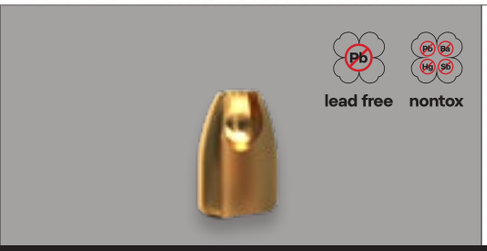
HS

Service ammunition specifically engineered to meet monoblock projectile duty requirements.

- Lead Free monoblock projectile combined with S&B Non-Toxic primer results in high performance Green Service Ammunition
- Controlled expansion and fragmentation minimizes risk of secondary target impact
- Minimized risk of ricochet
- Effective against a wide variety of barriers, including automotive tires

Ammunition for service use that adheres to stringent service bullet performance requirements (FBI protocol, German Richtlinie) and provides antitoxic protection. The combustion products do not contain any heavy metals or compounds that pose a hazard to human health.

MEET YOUR NEW GENERATION BULLETS



380 AUTO HS

5.0 g / 77 gr

V_0 (m/s)	E_0 (J)	
340	289	CuZn 4
		–
		4.4 BOXER

9 x 19 HS

6.5 g / 100 gr

V_0 (m/s)	E_0 (J)	
420	573	CuZn 4
		–
		4.4 BOXER

9 x 19 HS

7.5 g / 115 gr

V_0 (m/s)	E_0 (J)	
360	486	CuZn 4
		–
		4.4 BOXER

9 x 19 TB*

6.5 g / 100 gr

V_0 (m/s)	E_0 (J)	
420	573	CuZn 10
		–
		4.4 BOXER

357 MAGNUM HS

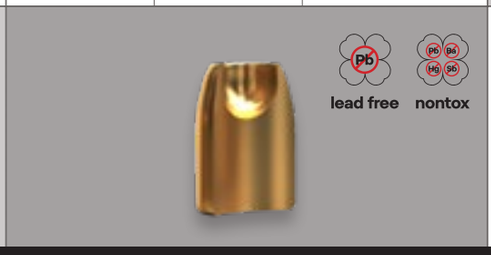
7.1 g / 110 gr

V_0 (m/s)	E_0 (J)	
485	835	CuZn 4
		–
		4.4 BOXER

38 SPECIAL HS

7.1 g / 110 gr

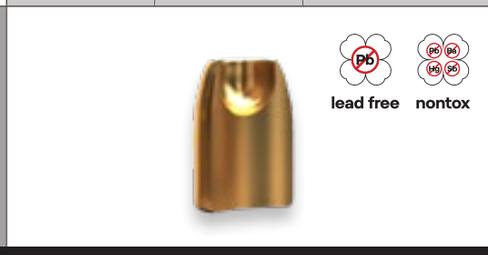
V_0 (m/s)	E_0 (J)	
340	410	CuZn 4
		–
		4.4 BOXER



40 S&W HS

8.4 g / 130 gr

V_0 (m/s)	E_0 (J)	
380	606	CuZn 4
		–
		4.4 BOXER



10 mm AUTO HS

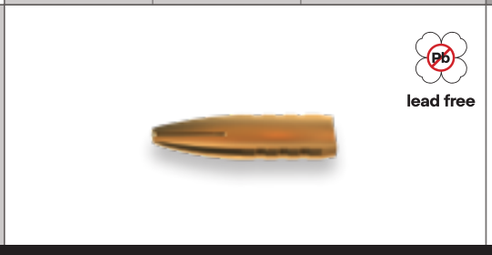
8.4 g / 130 gr

V_0 (m/s)	E_0 (J)	
415	723	CuZn 4
		–
		4.4 BOXER

45 AUTO HS

10.7 g / 165 gr

V_0 (m/s)	E_0 (J)	
350	655	CuZn 4
		–
		5.3 BOXER



4.6 x 30 XRG

?? g / ?? gr

V_0 (m/s)	E_0 (J)	
??	??	CuZn 4
		–
		5.3 BOXER

5.56 x 45 XRG

4.0 g / 62 gr

V_0 (m/s)	E_0 (J)	
925	1711	CuZn 10
		–
		4.4 BOXER

300 AAC BLACKOUT TXRG

7.1 g / 110 gr

V_0 (m/s)	E_0 (J)	
675	1617	CuZn 10
		–
		4.4 BOXER

Find more about
Lead Free Bullets
on our web site

* Homogenous Training Bullet specially designed for indoor-shooting ranges.

FBI PROTOCOL

WINDSHIELD GLASS

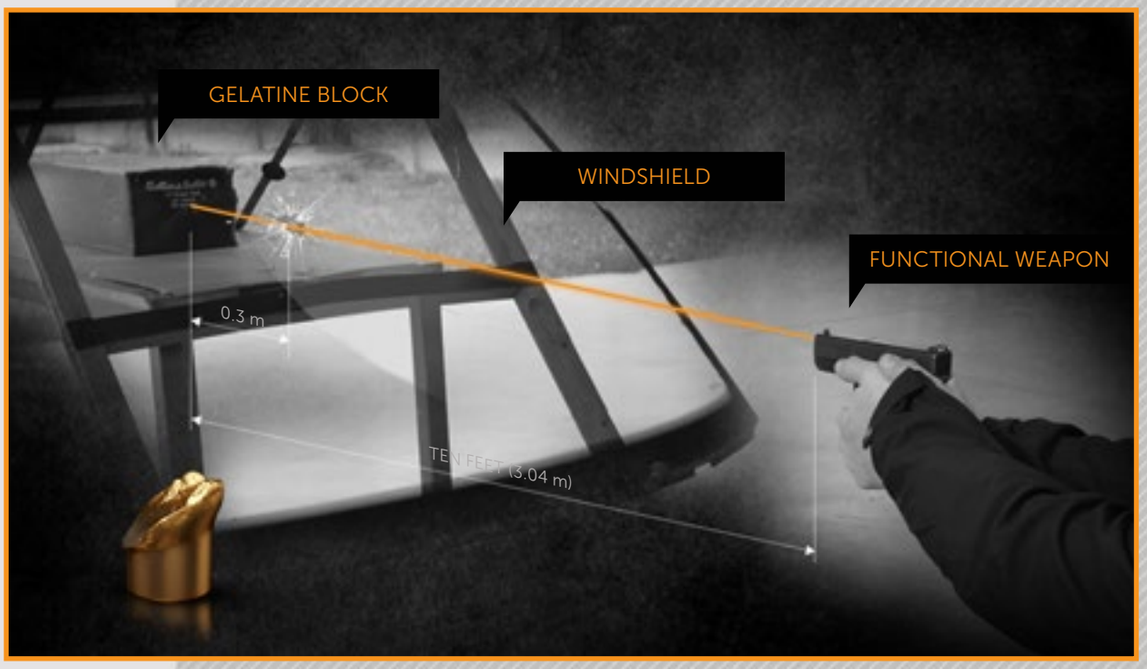
- The two angles of this test event simulate a shot taken at the driver of a car from the left front quarter of the vehicle, and not directly in front of it.

One piece of A.S.I. one-quarter inch laminated automobile safety glass measuring 15×18 inches (281×457 mm) is set at a 45° horizontal angle. The bore line of the weapon is offset 15° to the side, resulting in a compound angle of impact for the bullet upon the glass. The gelatin block is covered with light clothing and placed 18 inches (457.2 mm) behind the glass. The shot is made at a distance of ten feet (3.04 m), measured from the muzzle to the center of the glass panel.

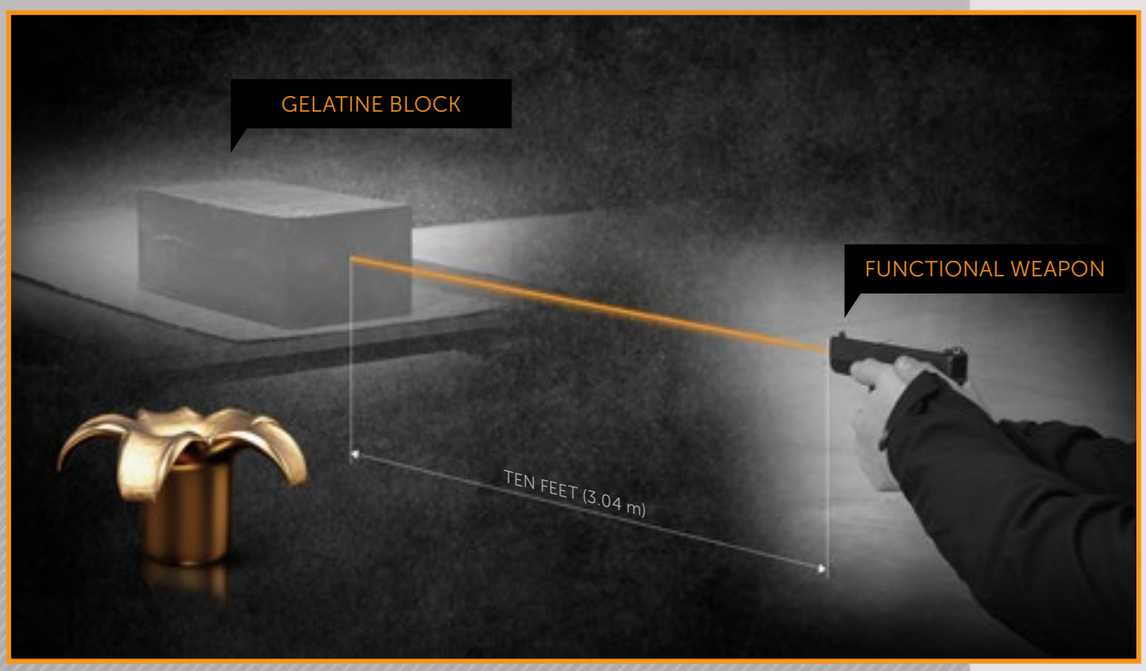
UNCOVERED GELATINE

- The gelatine block is bare.

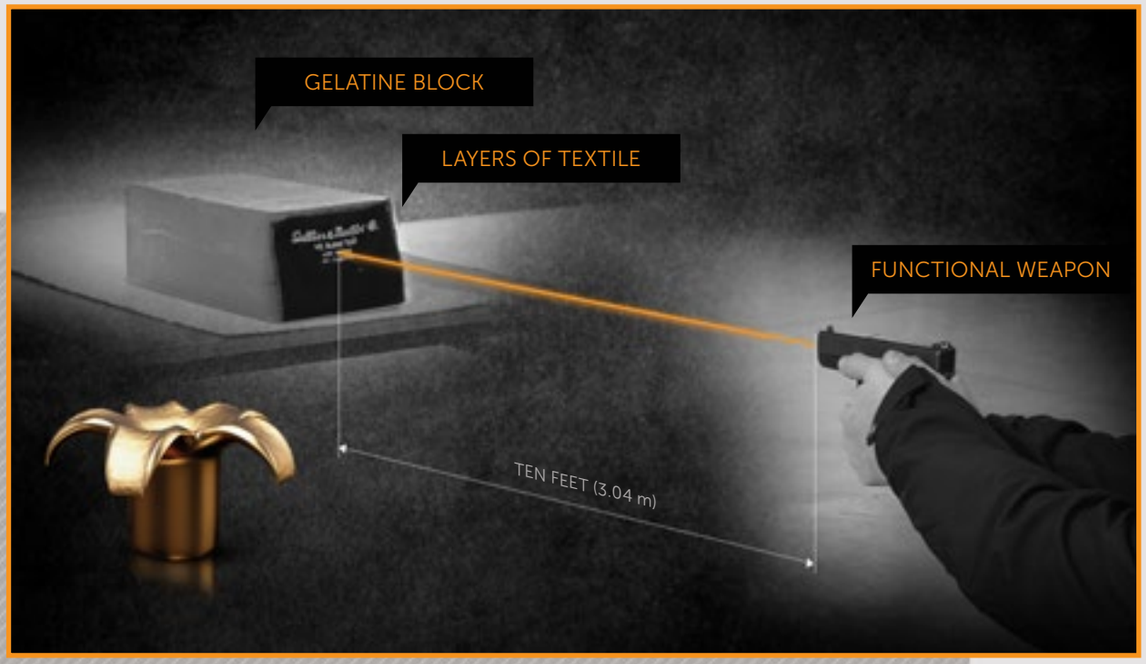
The shot is made at a distance of ten feet (3.04 m) measured from the muzzle.



TEST IN ACCORDANCE WITH FBI BALLISTIC PROTOCOL



HEAVY CLOTHING



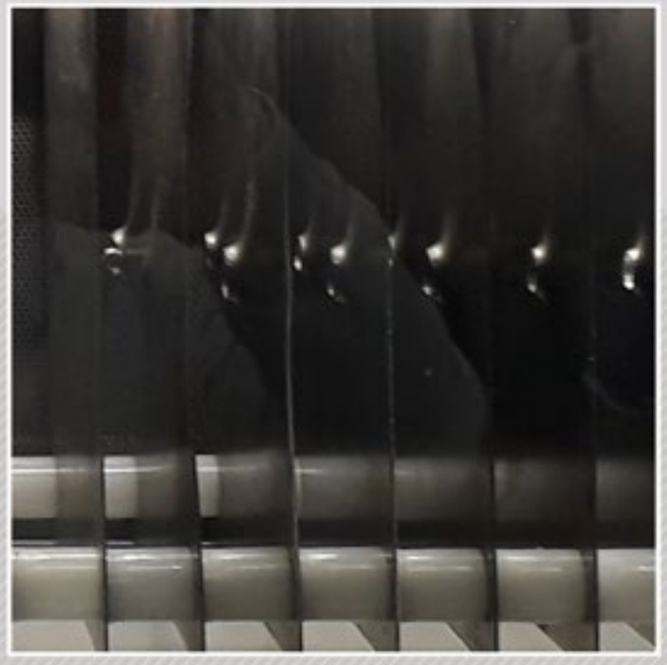
- This simulates typical cold weather wear.

The gelatine block is covered with four layers of clothing:

– Cotton T-shirt material
– Cotton dress shirt material
– Down comforter in a cambric shell cover
– Cotton denim
– The shot is made at a distance of ten feet (3.04 m) measured from the muzzle

FBI PROTOCOL

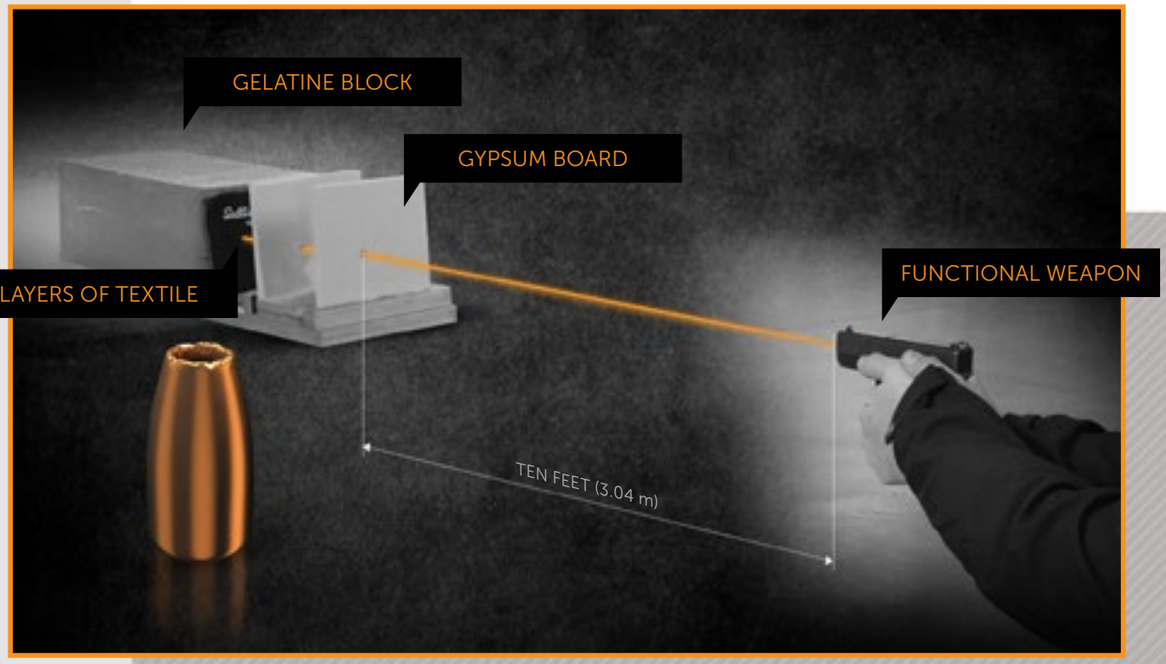
STEEL



This test simulates the weakest part of a car door.

Two pieces of 20 gauge (0.91±0.08 mm), hot rolled steel with a galvanized finish are set three inches apart. The steel is in six inch squares. The gelatin block is covered with Light Clothing and placed 18 inches (457.2 mm) behind the rear most piece of steel. The shot is made at a distance of 10 feet (3.04 m) measured from the muzzle to the front of the first piece of steel.

Light Clothing: One layer of T-shirt material and one layer of cotton shirt material.

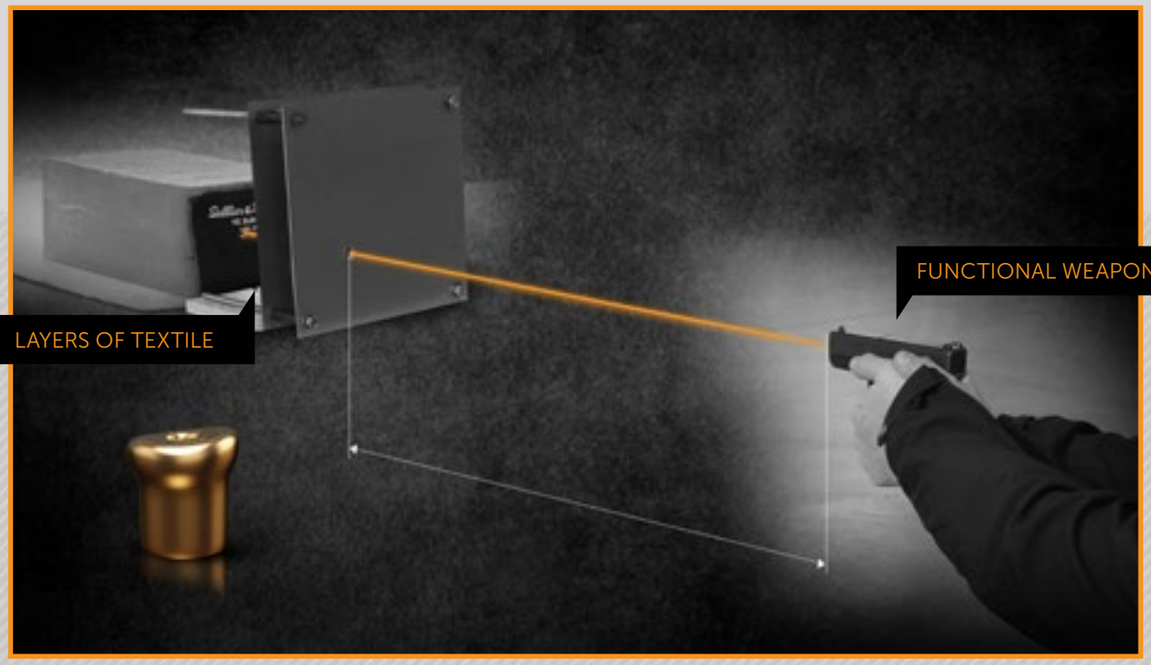


WALLBOARD

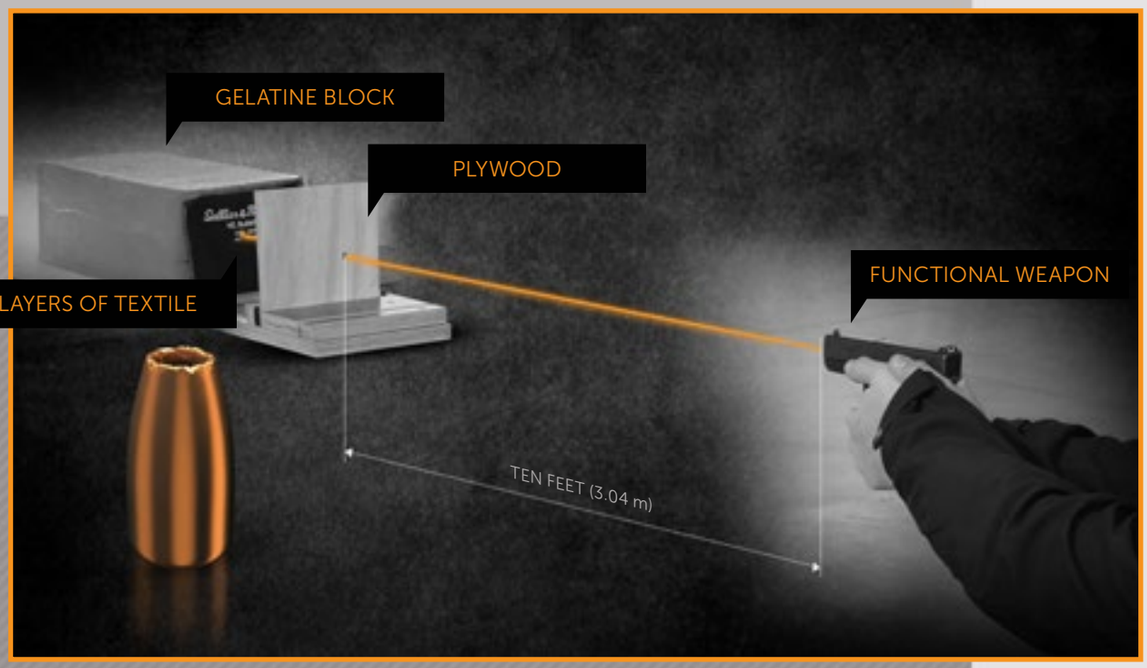
This test event simulates a typical interior building wall.

Two pieces of half-inch (12.7 mm) standard gypsum board are set 3.5 inches (88.9 mm) apart. The pieces are six inches (152.4 mm) square. The gelatin block is covered with Light Clothing and and placed 18 inches (457.2 mm) behind the rear most piece of gypsum. The shot is made at a distance of ten feet (3.04 m), measured from the muzzle to the front of the first piece of gypsum.

TEST IN ACCORDANCE WITH FBI BALLISTIC PROTOCOL



PLYWOOD



- This test event simulates the resistance of typical wooden doors or construction timbers.

One piece of three-quarter inch (19 mm) AA fir plywood is used. The piece is six inches square (152.4 mm). The gelatin block is covered with Light Clothing and placed 18 inches (457.2 mm) behind the rear surface of the plywood. The shot is made at a distance of ten feet (3.04 m), measured from the muzzle to the front surface of the plywood.

GREEN AMMUNITION

LEAD FREE

Lead Free projectiles combined with S&B NONTOX primer are an ideal combination for indoor range shooting.

lead free

9 × 19 FMJ

5.9 g / 91 gr

455 V_0 (m/s)	610 E_0 (J)	Fe/CuZn 30
		4.4 BOXER

lead free

10 mm AUTO FMJ

8.3 g / 128 gr

430 V_0 (m/s)	767 E_0 (J)	CuZn 30
		4.4 BOXER

lead free

40 S&W FMJ

8.3 g / 128 gr

385 V_0 (m/s)	615 E_0 (J)	CuZn 30
		4.4 BOXER

NONTOX

nontox

Our NONTOX primer contains a special composition that is free of heavy metal elements. NONTOX cartridges do not contain any heavy metals in post-firing fumes (lead, barium, mercury and antimony). It does not pollute the environment, does not endanger the shooter's health and does not leave residue in the gun. Unique patented primer mixture.

Spent brass casing

9 mm LUGER

9 mm LUGER NONTOX

PROTECT YOUR ENVIRONMENT

Sellier & Bellot

lead free

38 SPECIAL FMJ

7.0 g / 108 gr

V_0 (m/s)	E_0 (J)	CuZn 30
370	479	4.4 BOXER

lead free

357 MAGNUM FMJ

7.0 g / 108 gr

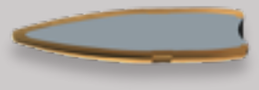
V_0 (m/s)	E_0 (J)	CuZn 30
460	740	4.4 BOXER

lead free

45 AUTO/ACP FMJ

10.0 g / 154 gr

V_0 (m/s)	E_0 (J)	CuZn 30
355	630	5.3 BOXER



lead free

5.56 × 45 M193

3.4 g / 46 gr

V_0 (m/s)	E_0 (J)	Fe/CuZn 10
1000	1700	4.4 BOXER

NATO COMPLIANT LEAD FREE PROGRAM

- 9 × 19 FMJ 124 grs – full compliance with Stanag 4090
- 5.56 × 45 SS109 62 grs – full compliance with Stanag 4172
- 7.62 × 51 FMJ – full compliance with Stanag 3410

lead free

9 × 19 FMJ

5.9 g / 91 gr

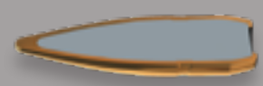
V_0 (m/s)	E_0 (J)	Fe/CuZn 30
455	610	4.4 BOXER

lead free

5.56 × 45 SS109

4.0 g / 62 gr

V_0 (m/s)	E_0 (J)	CuZn 10
945	1786	4.4 BOXER



lead free

7.62 × 51 FMJ

9.55 g / 147 gr

V_0 (m/s)	E_0 (J)	Fe/CuZn 10
856	3498	5.3 BOXER

Why NONTOX cartridges?

After firing, the cartridge is free from toxic exposure to barium, lead, mercury and antimony. It does not pollute the environment, endanger the shooter's health with combustion products, or leave harmful residue in the gun. It ensures safe shooting in closed premises and on target ranges. A unique patented primer design.

nontox

All Lead Free projectiles available with NONTOX primer on request

IR-DIM TRACER

5.56 × 45		
4.0 g / 62 gr		
945 V_0 (m/s)	1780 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

7.62 × 51		
9.0 g / 140 gr		
807 V_0 (m/s)	2931 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

Bullet trace performance that's invisible to the naked eye, but visible through night-vision devices (NVD's).

- Definite tactical advantage, with shooter's location more difficult to determine by enemies without NVD's
- Minimum muzzle flash, suitable for the use of NVD by the shooter
- Compliance with NATO MOPI requirements

Night Shooting
with IR-DIM
Tracer Ammunition

NEW GENERATION TRACER BULLET

FRANGIBLE

Extreme slow motion footage of Frangible Bullet Hitting Steel Plate

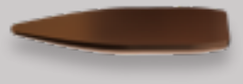
For shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of a bystander being hit by a ricochet. The bullet is manufactured by sintering of copper powder and is fragmented into small particles when impacting any obstacle.

Other calibers on request

PRECISION AND SAFETY COMBINED

9 × 19

6.5 g / 100 gr		
420 V_0 (m/s)	573 E_0 (J)	–
		RHFP
		4.4 BOXER



5.56 × 45

3.56 g / 55 gr		
915 V_0 (m/s)	1490 E_0 (J)	–
		WTP
		5.3 BOXER

300 AAC BLACKOUT

7.1 g / 110 gr		
620 V_0 (m/s)	1365 E_0 (J)	–
		NTP
		4.4 BOXER

7.62 × 39

7.9 g / 124 gr		
725 V_0 (m/s)	2076 E_0 (J)	–
		NTP
		5.3 BOXER

7.62 × 51

8.1 g / 125 gr		
800 V_0 (m/s)	2592 E_0 (J)	–
		NTP
		5.3 BOXER

9 × 19

FMJ (NATO)

Full-jacketed bullet with Pb core.
Use: Service and training ammunition.

* NATO version available

TFMJ

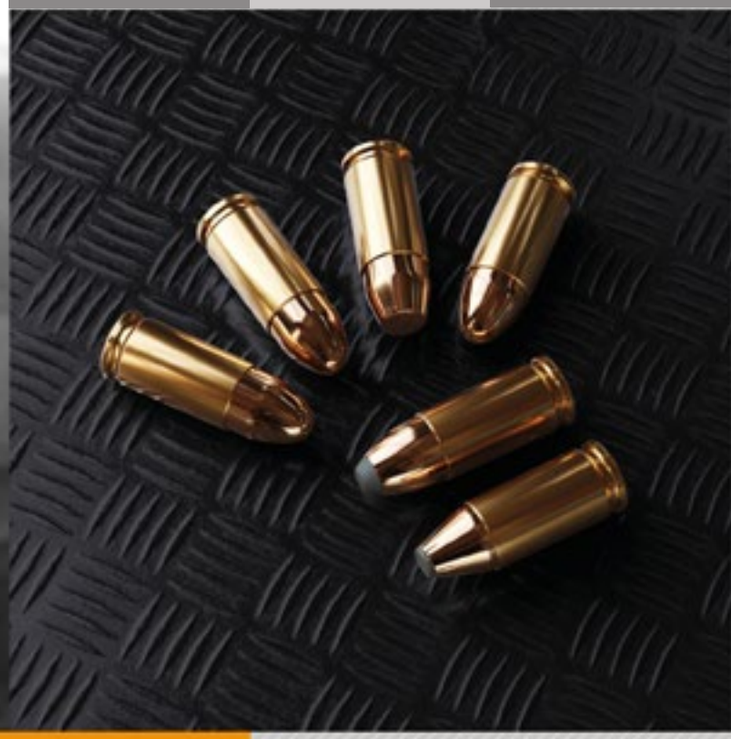
Fully encapsulated bullet in combination with NONTOX primer that's especially designed for indoor shooting.

Use: Training ammunition for indoor shooting.

FMJ SUBSONIC

FMJ (flat) projectiles designed for arms provided with suppressors to ensure the required level of noise reduction during shooting.

Use: Service ammunition.



The 9 × 19 mm Parabellum, commonly known as the 9 mm Luger, is a widely used cartridge in military and law enforcement applications. Its dimensions make it a versatile choice for handguns and submachine guns. Military personnel appreciate its manageable recoil, high magazine capacity, and effectiveness in close-quarters combat.



FMJ HP

Bullet with enhanced performance designed for bulletproof vest penetration class NIJ IIIA.

Use: Service ammunition.

FMJ (NATO)			FMJ (NATO)			FMJ SUBSONIC		
7.5 g / 115 gr			8.0 g / 124 gr*			9.0 g / 140 gr		
390 V_0 (m/s)	570 E_0 (J)	CuZn 30 Pb 4.4 BOXER	360 V_0 (m/s)	518 E_0 (J)	CuZn 30 Pb 4.4 BOXER	305 V_0 (m/s)	419 E_0 (J)	CuZn 10 Pb 4.4 BOXER

SP (124 grs)

Projectile with significant stopping power – controlled projectile disintegration.


nontox

nontox


SP (100 grs)

Projectile with stopping power that deforms upon impact when hitting any obstacle.

TFMJ			TFMJ			FMJ SUBSONIC		
7.5 g / 115 gr			8.0 g / 124 gr			9.7 g / 150 gr		
390 V_0 (m/s)	570 E_0 (J)	CuZn 30 Pb 4.4 BOXER	360 V_0 (m/s)	518 E_0 (J)	CuZn 30 Pb 4.4 BOXER	305 V_0 (m/s)	451 E_0 (J)	CuZn 10 Pb 4.4 BOXER



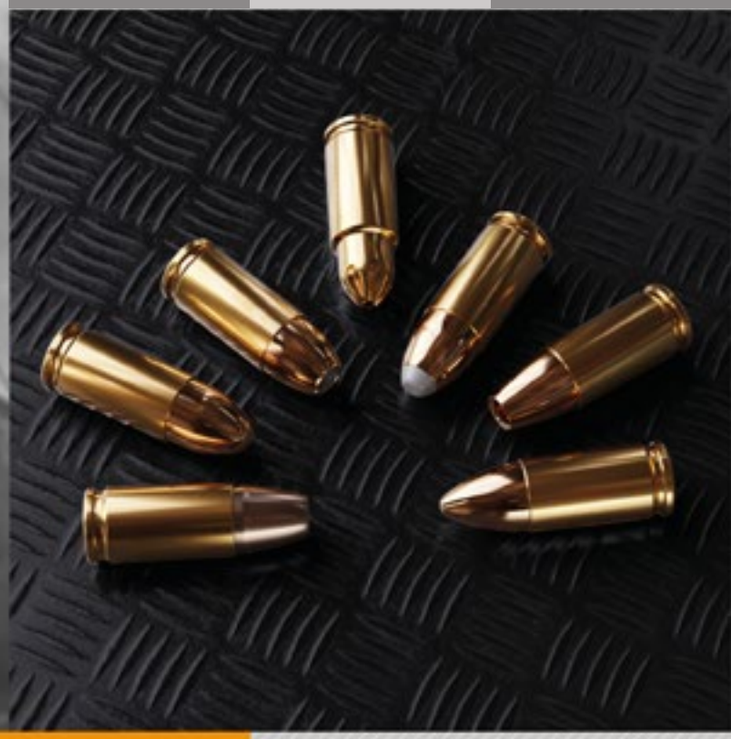
FMJ HP			SP			SP		
7.0 g / 108 gr			6.5 g / 100 gr			8.0 g / 124 gr		
460 V_0 (m/s)	741 E_0 (J)	Fe/CuZn 10 Pb 4.4 BOXER	266 V_0 (m/s)	363 E_0 (J)	CuZn 10 Pb 4.4 BOXER	310 V_0 (m/s)	393 E_0 (J)	CuZn 10 Pb 4.4 BOXER

9 x 19

FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

FMJ
Lead free projectile for indoor-shooting ranges.

JHP
Projectile with significant stopping power – controlled projectile disintegration.



Learn more about
9 x 19 ammunition
on our website

BLANK
Cartridge for training purposes.

lead free nontox

420 V_0 (m/s)	573 E_0 (J)	CuZn 4 – 4.4 BOXER

SP
Lead free projectile for indoor-shooting ranges.

HS
6.5 g / 100 gr

lead free nontox

360 V_0 (m/s)	486 E_0 (J)	CuZn 4 – 4.4 BOXER

HS
7.5 g / 115 gr

420 V_0 (m/s)	573 E_0 (J)	CuZn 10 – 4.4 BOXER

TB
6.5 g / 100 gr

HS
Homogenous Service ammunition specifically engineered to meet monoblock projectile duty requirements.

377 V_0 (m/s)	533 E_0 (J)	CuZn 10 Pb 4.4 BOXER

JHP
7.5 g / 115 gr

366 V_0 (m/s)	536 E_0 (J)	CuZn 10 FMJ / Pb 4.4 BOXER

JHP
8.0 g / 124 gr

420 V_0 (m/s)	573 E_0 (J)	– RHFP 4.4 BOXER

FRANGIBLE
6.5 g / 100 gr

TB
Homogenous Training Bullet specially designed for indoor-shooting ranges.

lead free nontox

455 V_0 (m/s)	610 E_0 (J)	Fe/CuZn 30 4.4 BOXER

FMJ
5.9 g / 91 gr

lead free nontox

435 V_0 (m/s)	558 E_0 (J)	CuZn 30 4.4 BOXER

SP
5.9 g / 91 gr

— V_0 (m/s)	— E_0 (J)	– – 4.4 BOXER

BLANK
—

Find more about GREEN AMMUNITION on page 10

HANDGUN AMMUNITION

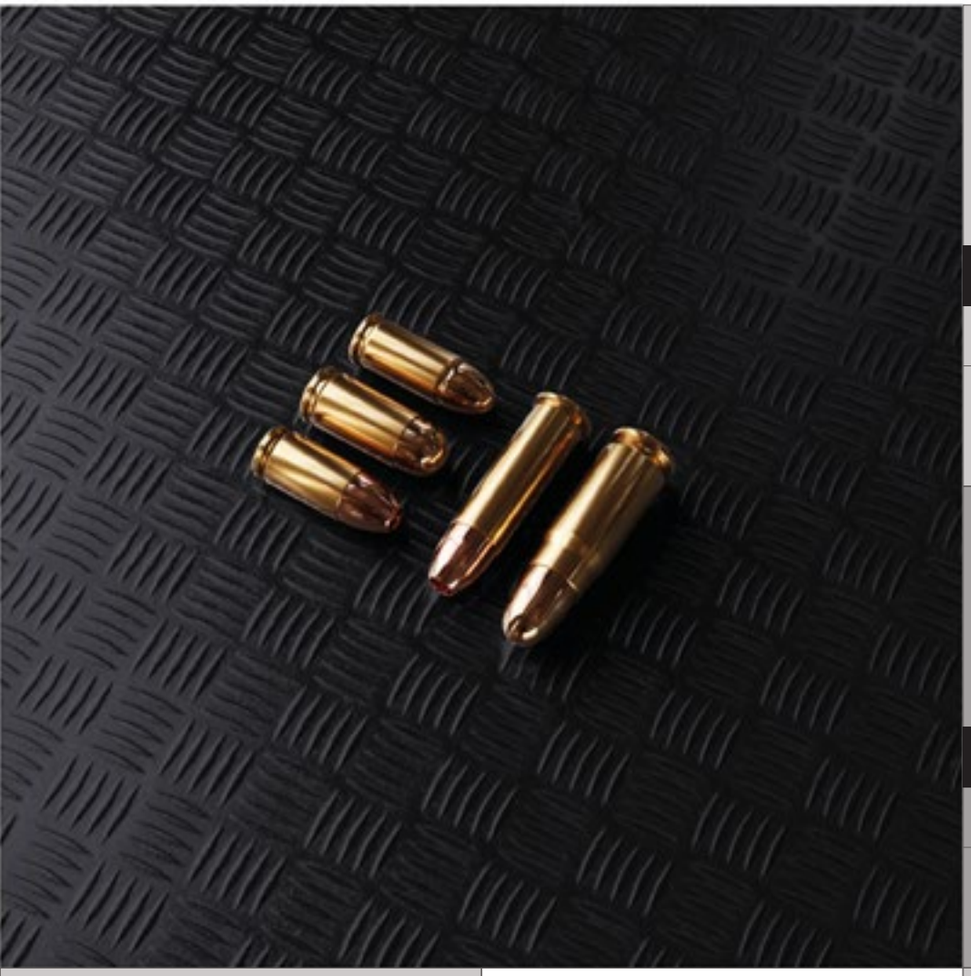
Sellier & Bellot takes pride in manufacturing a wide range of high-quality pistol and revolver ammunition. From small 7.62 mm rounds to specialized 45 AUTO loads, our catalog includes options for various calibers, bullet types, and performance characteristics. Our commitment to excellence ensures that every product leaving our facility meets the highest standards of safety, reliability, and accuracy.

nontox

9 mm MAKAROV TFMJ

6.15 g / 95 gr

310 V_0 (m/s)	393 E_0 (J)	CuZn 30
		Pb
		4.4 BOXER



7.62 x 25 TOKAREV FMJ

5.5 g / 85 gr

V_0 (m/s)	E_0 (J)	
502	693	CuZn 30
		Pb
		4.4 BOXER

7.65 mm BROWNING FMJ

4.75 g / 73 gr

V_0 (m/s)	E_0 (J)	
318	240	CuZn 30
		Pb
		4.4 BOXER

lead free nontox

380 AUTO HS

5.0 g / 77 gr

V_0 (m/s)	E_0 (J)	
340	289	CuZn 4
		–
		4.4 BOXER

9 mm MAKAROV FMJ

6.15 g / 95 gr

V_0 (m/s)	E_0 (J)	
310	393	CuZn 30
		Pb
		4.4 BOXER

38 SPECIAL FMJ

10.25 g / 158 gr

V_0 (m/s)	E_0 (J)	
271	376	CuZn 30
		Pb
		4.4 BOXER

nontox

38 SPECIAL TFMJ

10.25 g / 158 gr

V_0 (m/s)	E_0 (J)	
266	363	CuZn 30
		Pb
		4.4 BOXER

lead free nontox

38 SPECIAL FMJ

7.0 g / 108 gr

V_0 (m/s)	E_0 (J)	
370	479	CuZn 30
		4.4 BOXER

lead free nontox

38 SPECIAL HS

7.1 g / 110 gr

V_0 (m/s)	E_0 (J)	
340	410	CuZn 4
		–
		4.4 BOXER

Find more about
GREEN AMMUNITION
on page 10

HANDGUN AMMUNITION

lead free nontox

357 MAGNUM HS

7.1 g / 110 gr

485 V_0 (m/s)	835 E_0 (J)	CuZn 4
		–
		4.4 BOXER

357 MAGNUM SJHP

10.25 g / 158 gr

405 V_0 (m/s)	841 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

Check our full handgun ammunition line

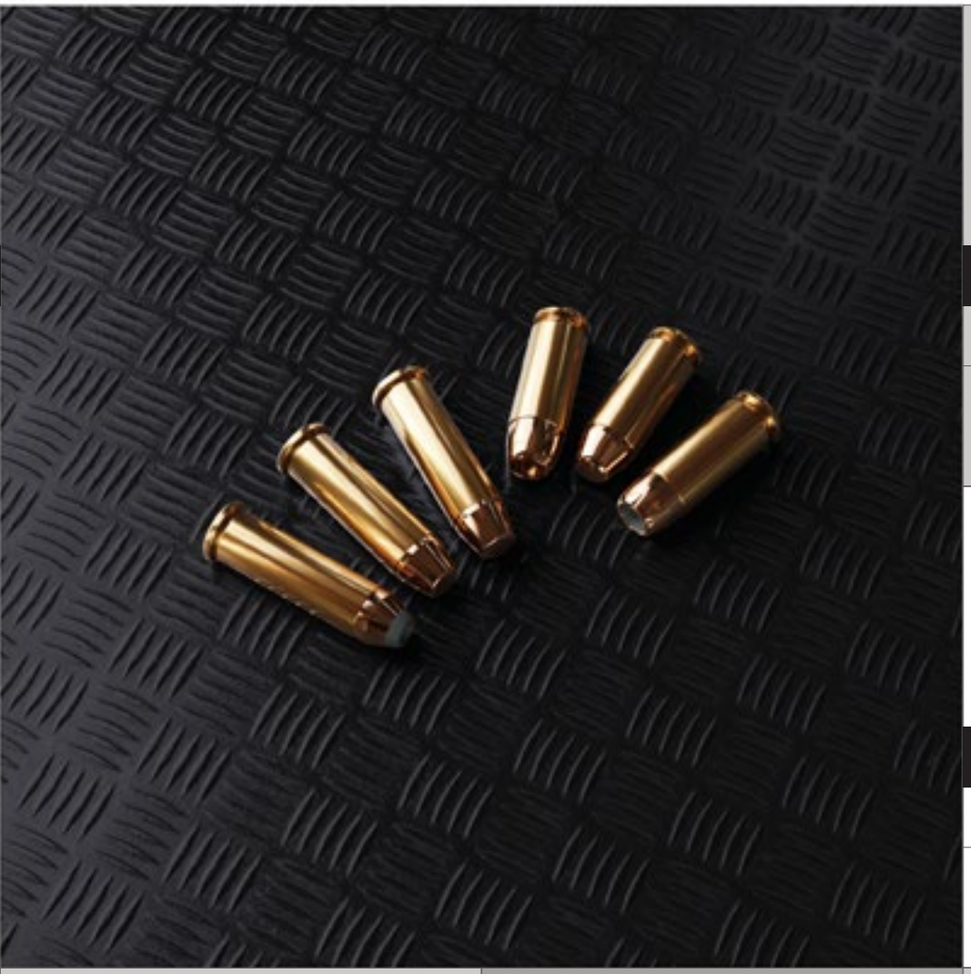
Available on our website

nontox

357 MAGNUM FMJ

10.25 g / 158 gr

385 V_0 (m/s)	760 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER



lead free nontox

10 mm AUTO HS

8.4 g / 130 gr

415 V_0 (m/s)	723 E_0 (J)	CuZn 4
		–
		4.4 BOXER

10 mm AUTO JHP

11.7 g / 180 gr

335 V_0 (m/s)	737 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

10 mm AUTO FMJ

11.7 g / 180 gr

335 V_0 (m/s)	737 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

nontox

10 mm AUTO TFMJ

11.7 g / 180 gr

335 V_0 (m/s)	737 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

357 MAGNUM TFMJ

10.25 g / 158 gr

385 V_0 (m/s)	760 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

lead free nontox

357 MAGNUM FMJ

7.0 g / 108 gr

460 V_0 (m/s)	740 E_0 (J)	CuZn 30
		4.4 BOXER

lead free nontox

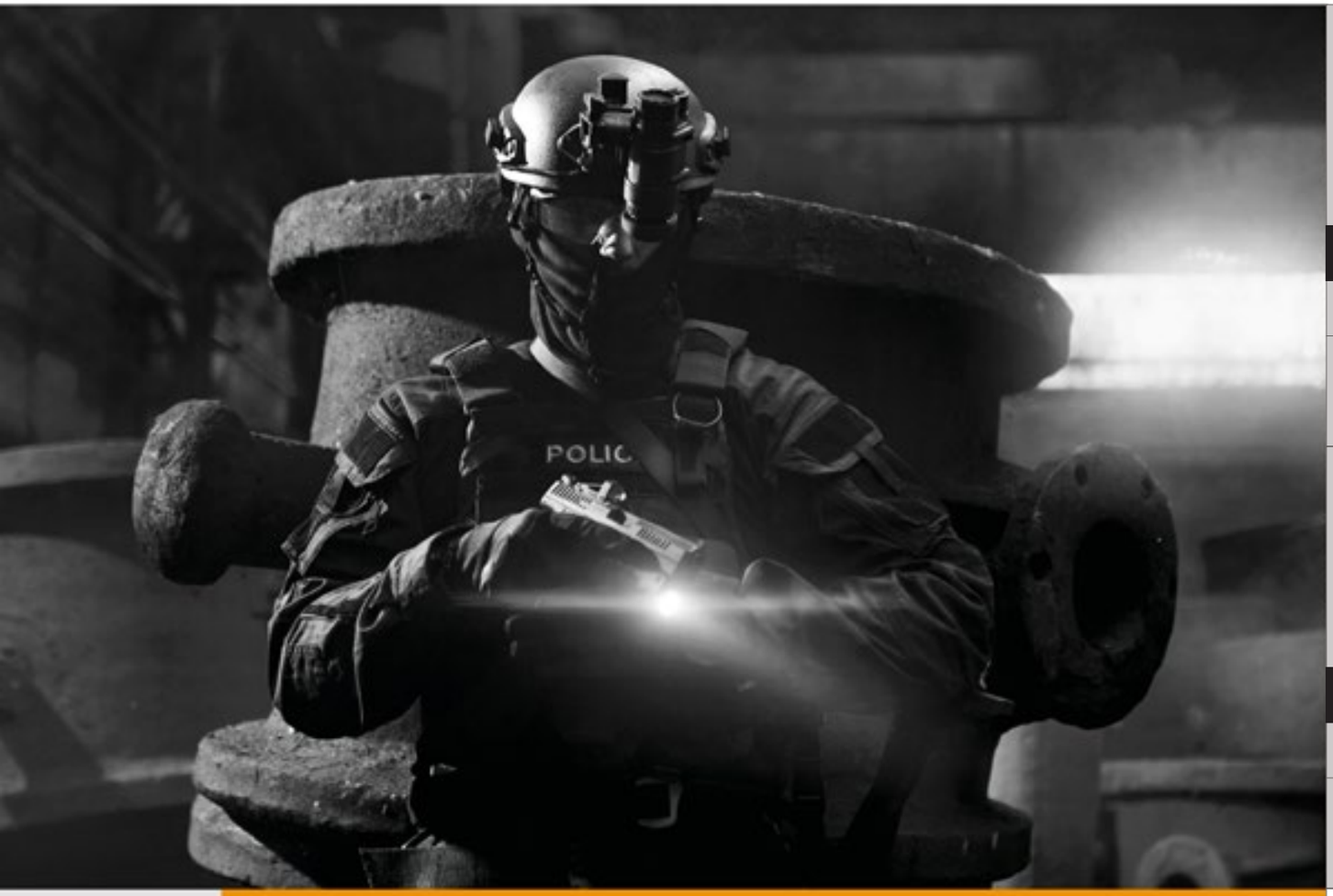
10 mm AUTO FMJ

8.3 g / 128 gr

430 V_0 (m/s)	767 E_0 (J)	CuZn 30
		4.4 BOXER

Find more about GREEN AMMUNITION on page 10

HANDGUN AMMUNITION



lead free nontox

40 S&W HS

8.4 g / 130 gr

380 V_0 (m/s)	606 E_0 (J)	CuZn 4
		–
		4.4 BOXER

40 S&W JHP

11.7 g / 180 gr

297 V_0 (m/s)	516 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

Check our full handgun ammunition line

Available on our website

40 S&W FMJ

11.7 g / 180 gr

295 V_0 (m/s)	509 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

lead free nontox

45 AUTO/ACP HS

10.7 g / 165 gr

V_0 (m/s)	E_0 (J)	
350	655	CuZn 4
		–
		5.3 BOXER

45 AUTO/ACP FMJ

14.9 g / 230 gr

V_0 (m/s)	E_0 (J)	
260	504	CuZn 10
		Pb
		5.3 BOXER

45 AUTO/ACP JHP

14.9 g / 230 gr

V_0 (m/s)	E_0 (J)	
271	547	CuZn 10
		Pb
		5.3 BOXER

nontox

45 AUTO/ACP TFMJ

14.9 g / 230 gr

V_0 (m/s)	E_0 (J)	
263	515	CuZn 10
		Pb
		5.3 BOXER

nontox

40 S&W TFMJ

11.7 g / 180 gr

V_0 (m/s)	E_0 (J)	
295	509	CuZn 10
		Pb
		4.4 BOXER

lead free

40 S&W FMJ

8.3 g / 128 gr

V_0 (m/s)	E_0 (J)	
385	615	CuZn 30
		4.4 BOXER

lead free

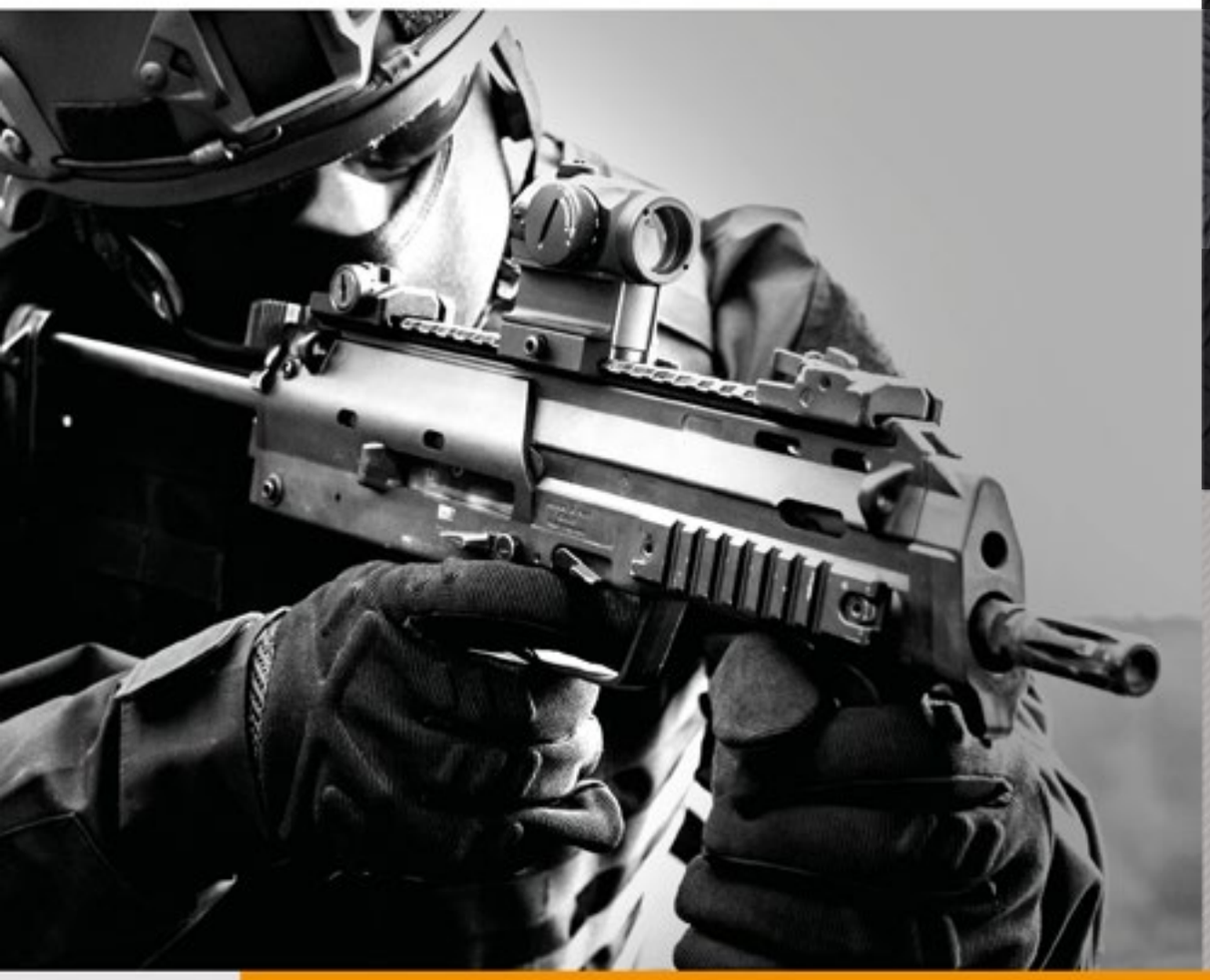
45 AUTO/ACP FMJ

10.0 g / 154 gr

V_0 (m/s)	E_0 (J)	
355	630	CuZn 30
		5.3 BOXER

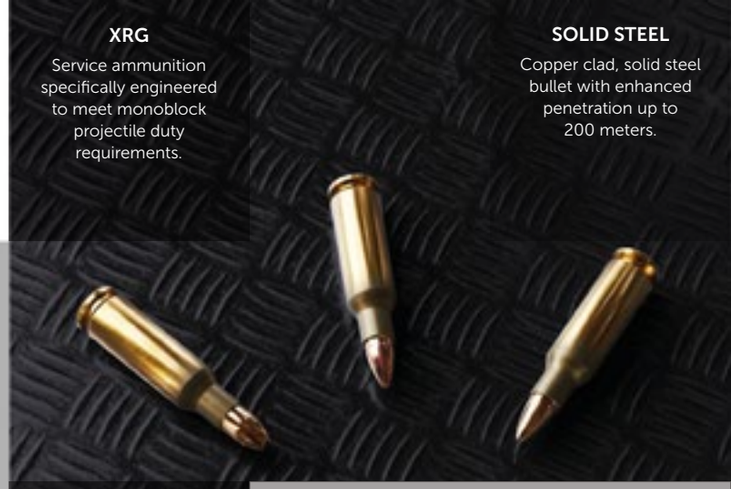
Find more about GREEN AMMUNITION on page 10

4.6 x 30



XRG
Service ammunition specifically engineered to meet monoblock projectile duty requirements.

SOLID STEEL
Copper clad, solid steel bullet with enhanced penetration up to 200 meters.



FMJ
Full-jacketed bullet with Pb core.

FMJ

2.6 g / 40 gr

635 V_0 (m/s)	524 E_0 (J)	Fe/CuZn 10
		Fe-Pb
		4.4 BOXER

lead free

SOLID STEEL

2.0 g / 31 gr

685 V_0 (m/s)	469 E_0 (J)	–
		coppered steel
		4.4 BOXER

lead free

XRG

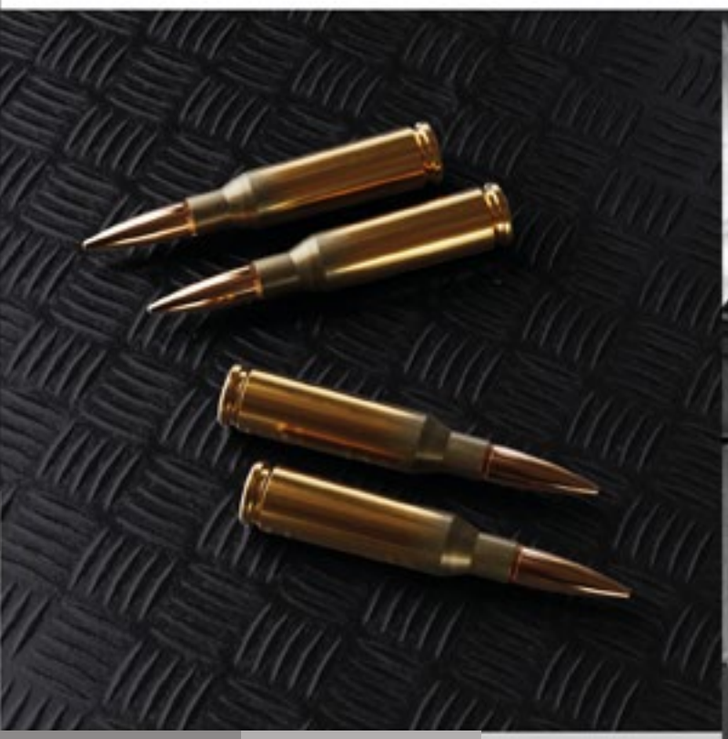
2.0 g / 31 gr

705 V_0 (m/s)	497 E_0 (J)	–
		–
		4.4 BOXER

The 4.6 x 30 cartridge is extremely easy to control. Its minimal recoil allows for accurate follow-up shots, enhancing overall shooting performance. Additionally, the 4.6 x 30 provides a flat trajectory, allowing users to engage targets effectively at longer distances. Its ability to penetrate barriers and armor makes it a reliable choice. In summary, the 4.6 x 30 combines ease of use, accuracy, and penetration power, making it a versatile option for those seeking a compact and effective AR-style pistol cartridge.

POWERFUL AND COMPACT

5.45 x 39



FMJ
Full-jacketed bullet with Pb core.

M109
Bullet with steel core tip for increased penetration effect.

The 5.45 x 39 mm cartridge was introduced in the 1970s as a lightweight, high-velocity round designed for improved controllability and accuracy. Compared to larger calibers, it offers lower recoil, flatter trajectory, and allows shooters to carry more ammunition with greater comfort. Its reliable performance and excellent handling characteristics make it well suited for military, law enforcement, and sporting applications.

FMJ			M109		
3.90 g / 60 gr			4.0 g / 62 gr		
880 V_0 (m/s)	1510 E_0 (J)	CuZn 10	880 V_0 (m/s)	1549 E_0 (J)	CuZn 10
		Pb			Fe-Pb
		4.4 BOXER			4.4 BOXER

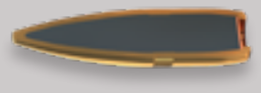
5.56 x 45

M193

3.6 g / 55 grs

1006 V_0 (m/s)	1822 E_0 (J)	Fe/CuZn 10
		Pb
		4.4 BOXER

nontox



M193 TFMJ

3.6 g / 55 grs

1006 V_0 (m/s)	1822 E_0 (J)	Fe/CuZn 10
		Pb
		4.4 BOXER

The advantage of the 5.56 x 45 caliber is its versatility and widespread use in military firearms. This caliber is known for its relatively low recoil, which allows for better accuracy and faster follow-up shots. The 5.56 x 45 cartridge also has a flat trajectory, making it effective at medium to long ranges. Additionally, the 5.56 x 45 caliber is lightweight, which means that soldiers can carry more ammunition without being weighed down.

ANTI DRONE

Effective range up to 100 m
High energy of sub-projectile
Outstanding grouping

lead free

XRG

4.0 g / 62 grs

925 V_0 (m/s)	1711 E_0 (J)	CuZn 10
		–
		4.4 BOXER

Sellier & Bellot

XRG
Service ammunition specifically engineered to meet monoblock projectile duty requirements.

SS109
Bullet with steel core tip for increased penetration effect. Use: Training, manpower, and lightly armored target destruction.
* NATO version available

M193
Full-jacketed bullet with Pb core.

FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

BLANK
Cartridge for training purposes.

ANTI DRONE
Effective range up to 100 m. High energy of sub-projectile. Outstanding grouping.

TRACER
Bullet with illumination effect that's visible without night-vision devices. Linked rounds available.

IR-DIM TRACER
Bullet trace performance invisible to the naked eye, but visible through night-vision devices (NVD's).

HPBT
Lead core, hollow point bullet with boat-tail design for high accuracy shooting.

SS109 (NATO)

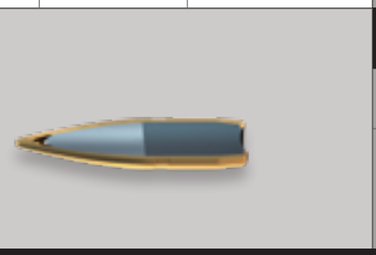
4.0 g / 62 grs*

V_0 (m/s)	E_0 (J)	
945	1786	CuZn 10
		Fe – Pb
		4.4 BOXER

HPBT

3.36 g / 52 grs

V_0 (m/s)	E_0 (J)	
1040	1817	CuZn 10
		Pb
		4.4 BOXER



HPBT

4.5 g / 69 grs

V_0 (m/s)	E_0 (J)	
920	1904	CuZn 10
		Pb
		4.4 BOXER

AP/WC

4.0 g / 62 grs

V_0 (m/s)	E_0 (J)	
900	1620	CuZn 10
		Pb/WC
		4.4 BOXER

HPBT

5.0 g / 77 grs

V_0 (m/s)	E_0 (J)	
861	1853	CuZn 10
		Pb
		4.4 BOXER

TRACER

4.0 g / 62 grs

V_0 (m/s)	E_0 (J)	
915	1716	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

IR-DIM TRACER

4.0 g / 62 grs

V_0 (m/s)	E_0 (J)	
945	1780	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

FRANGIBLE

3.56 g / 55 grs

V_0 (m/s)	E_0 (J)	
915	1490	–
		WTP
		4.4 BOXER

BLANK

–

V_0 (m/s)	E_0 (J)	
—	—	–
		–
		4.4 BOXER

Learn more about
5.56 × 45 cartridges
on our website

7.62 x 39

FMJ

8.0 g / 124 gr

740 V_0 (m/s)	2190 E_0 (J)	Fe/CuZn 10
		Pb
		5.3 BOXER

FMJ SUBSONIC

13.0 g / 200 gr

310 V_0 (m/s)	625 E_0 (J)	Fe/CuZn 10
		Pb
		5.3 BOXER

Developed during World War II, the 7.62 x 39 ammunition was initially intended for the SKS carbine, which the military adopted in 1949. Today, it remains a common service rifle chambering, even in newly developed rifles. This cartridge strikes a balance between power and manageability, making it a reliable choice for military professionals worldwide.

FMJ/STEEL CORE

7.9 g / 122 gr

740 V_0 (m/s)	2163 E_0 (J)	Fe/CuZn 10
		Pb/Fe
		5.3 BOXER

FMJ
Full-jacketed bullet with Pb core.

TRACER
Bullet with illumination effect that's visible without night-vision devices. Linked rounds available.

FMJ/STEEL CORE
Steel core bullet with increased penetration.

FMJ SUBSONIC
Full-jacketed bullet with Pb core.

TRACER

7.55 g / 116 gr

750 V_0 (m/s)	2132 E_0 (J)	Fe/CuZn 10
		Pb/Tracer
		4.4 BOXER

FRANGIBLE

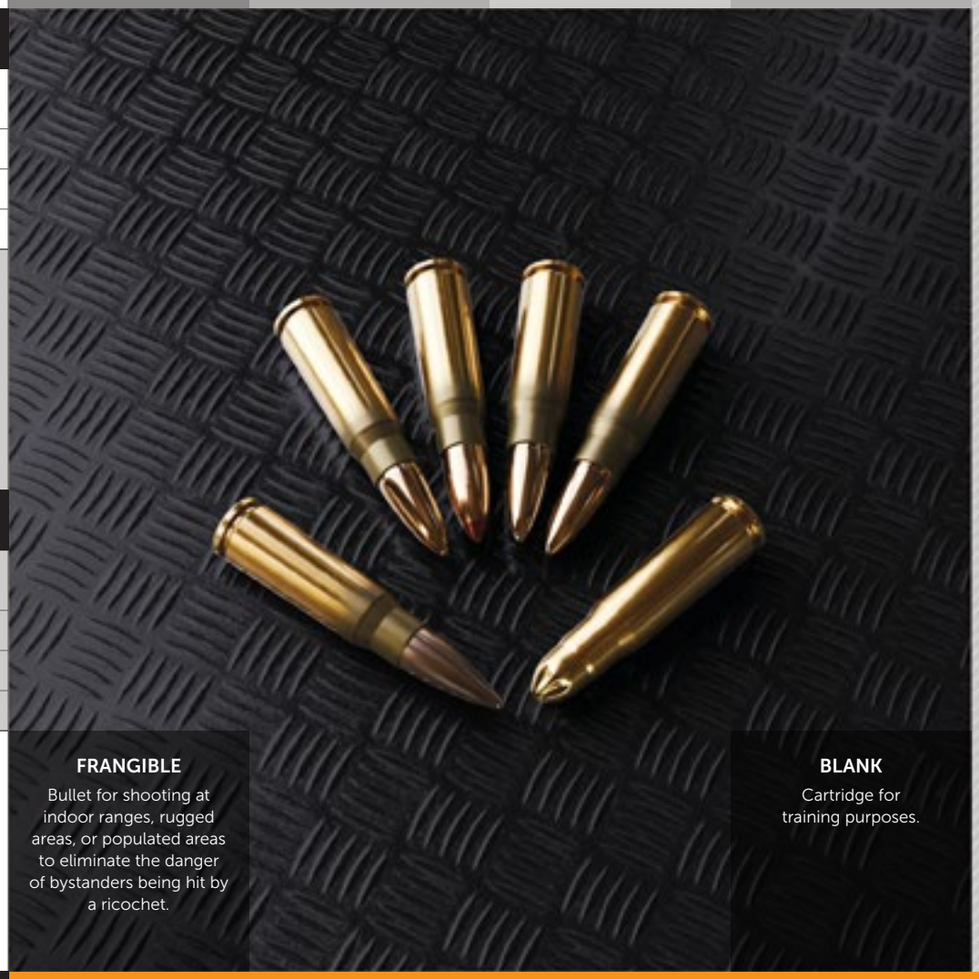
8.0 g / 124 gr

725 V_0 (m/s)	2076 E_0 (J)	–
		NTP
		5.3 BOXER

BLANK

—

— V_0 (m/s)	— E_0 (J)	–
		–
		4.4 BOXER



FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

BLANK
Cartridge for training purposes.

Learn more about
7.62 x 39 cartridges
on our website

7.62 × 51

7.62 × 51 ammunition is a powerful and versatile rifle cartridge used in military firearms. It has good accuracy, range, and stopping power making it popular for target shooting and military applications. The cartridge typically fires a 7.62 mm (.308-inch) bullet at high velocity, making it effective against a variety of targets.

FRANGIBLE

8.1 g / 125 gr

V_0 (m/s)	E_0 (J)	
800	2592	–
		NTP
		5.3 BOXER

HPBT

10.9 g / 168 gr

V_0 (m/s)	E_0 (J)	
801	3497	CuZn 10
		Pb
		5.3 BOXER

HPBT

11.35 g / 175 gr

V_0 (m/s)	E_0 (J)	
800	3632	CuZn 10
		Pg
		5.3 BOXER

HPBT

11.7 g / 180 gr

V_0 (m/s)	E_0 (J)	
800	3744	CuZn 10
		Pb
		5.3 BOXER

HPBT

12.3 g / 190 gr

V_0 (m/s)	E_0 (J)	
800	3936	CuZn 10
		Pb
		5.3 BOXER

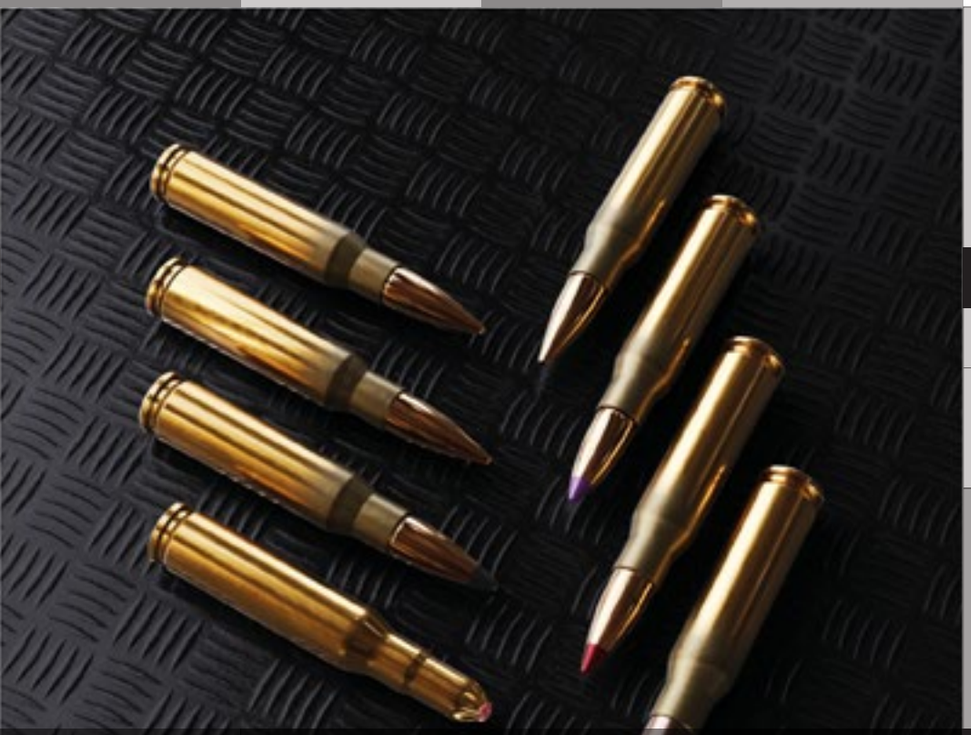
FMJ
Full-jacketed bullet with Pb core.
* NATO version available

FMJ SUBSONIC
Full-jacketed bullet with Pb core.

AP
Bullet with hardened steel core achieving penetration in accordance to MIL.

BLANK
Cartridge for training purposes.

Sellier & Bellot



HPBT
Sniper Line Ammunition.

IR-DIM TRACER
Bullet trace performance invisible to the naked eye, but visible through nightvision devices (NVD's).

TRACER
Bullet with illumination effect that's visible without night-vision devices. Linked rounds available.

FRANGIBLE
Bullet for shooting at indoor ranges, rugged areas, or populated areas to eliminate the danger of bystanders being hit by a ricochet.

AP

9.55 g / 147 gr

V_0 (m/s)	E_0 (J)	
863	3556	Fe/CuZn 10
		Pb/Fe
		5.3 BOXER

BLANK

—

V_0 (m/s)	E_0 (J)	
—	—	–
		–
		5.3 BOXER

AP/WC

9.75 g / 150 gr

V_0 (m/s)	E_0 (J)	
853	3547	Fe/CuZn 10
		Pb/WC
		5.3 BOXER

TRACER

9.3 g / 143 gr

V_0 (m/s)	E_0 (J)	
860	3439	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

FMJ (NATO)

9.55 g / 147 gr*

V_0 (m/s)	E_0 (J)	
856	3498	Fe/CuZn 10
		Pb
		5.3 BOXER

FMJ - MATCH

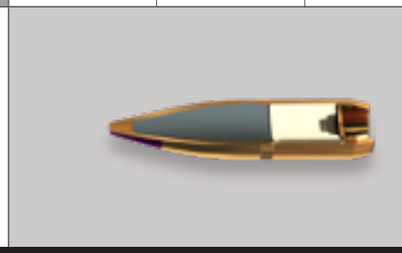
10.9 g / 168 gr

V_0 (m/s)	E_0 (J)	
800	3488	CuZn 5
		Pb
		5.3 BOXER

FMJ SUBSONIC

13.0 g / 200 gr

V_0 (m/s)	E_0 (J)	
314	641	Fe/CuZn 10
		Pb
		5.3 BOXER



IR-DIM TRACER

9.0 g / 140 gr

V_0 (m/s)	E_0 (J)	
807	2931	Fe/CuZn 10
		Pb/Tracer
		5.3 BOXER

Detailed specification of
HPBT cartridges
is on page 36

FMJ - MATCH

11.7 g / 180 gr

V_0 (m/s)	E_0 (J)	
800	3744	CuZn 5
		Pb
		5.3 BOXER

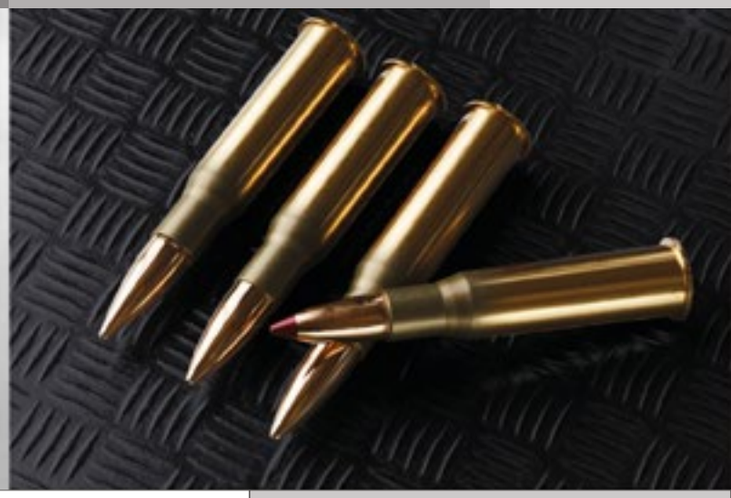
7.62 x 54 R

FMJ
Full-jacketed bullet with Pb core.

HPBT
Lead core, hollow point bullet with boat-tail design for high accuracy shooting.

TRACER
Bullet with illumination effect that's visible without night-vision devices.

FMJ/STEEL CORE
Steel core bullet for increased penetration.



The consistent accuracy of 7.62 x 54 R cartridge makes it reliable for precision shooting at various distances. Thanks to its large case volume and slow-burning smokeless powder, this cartridge delivers impressive stopping power. With over 120 years of military service, the 7.62 x 54 R remains reliable and battle-tested.

FMJ

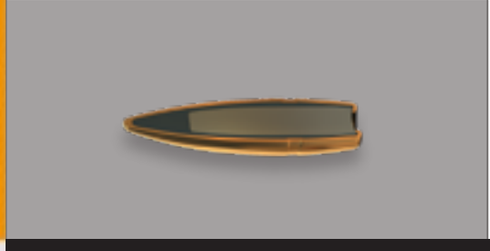
11.7 g / 180 grs

800 V_0 (m/s)	3744 E_0 (J)	Fe/CuZn 10 Pb 5.3 BOXER

HPBT

11.3 g / 174 grs

788 V_0 (m/s)	3508 E_0 (J)	Fe/CuZn 10 Pb 5.3 BOXER



FMJ/STEEL CORE

9.6 g / 148 grs

850 V_0 (m/s)	3468 E_0 (J)	Fe/CuZn 10 PbFe 5.3 BOXER

TRACER

9.1 g / 141 grs

830 V_0 (m/s)	3134 E_0 (J)	Fe/CuZn 10 Pb/Tracer 5.3 BOXER

12.7 x 99

Sellier & Bellot

COMING IN 2027

BALL
TRACER
AP
API
APIT

SNIPER LINE AMMUNITION

5.56 x 45 HPBT

3.4 g / 52 gr

1040 V_0 (m/s)	1817 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

5.56 x 45 HPBT

4.5 g / 69 gr

920 V_0 (m/s)	1904 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

5.56 x 45 HPBT

5.0 g / 77 gr

861 V_0 (m/s)	1853 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER

Cartridges loaded with HPBT bullets achieve top accuracy and are designed for competition target shooting.

The S&B Sniper & Tactical Line allows Law Enforcement and Military snipers to engage threats in any situation.

7.62 x 51 HPBT

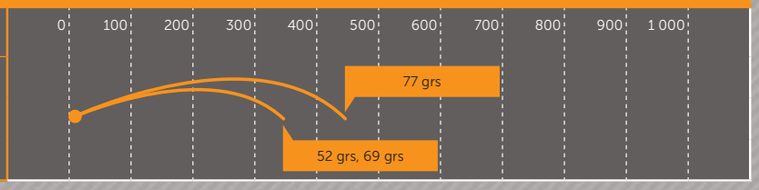
10.9 g / 168 gr

801 V_0 (m/s)	3497 E_0 (J)	CuZn 10
		Pb
		5.3 BOXER

EXCELLENT ACCURACY OF LESS THAN 1 MOA

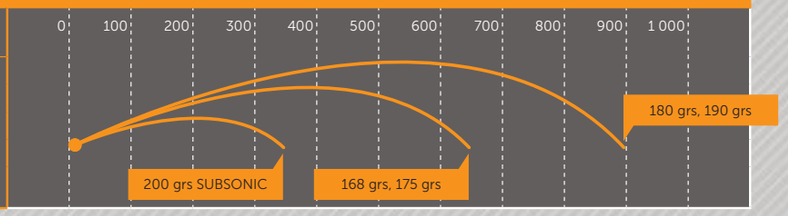
5.56 x 45

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	3.36	52	1040	1817
HPBT	4.5	69	920	1904
HPBT	5.0	77	861	1853



7.62 x 51

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	10.9	168	801	3497
HPBT	11.35	175	800	3632
HPBT	11.7	180	800	3744
HPBT	12.3	190	800	3936
FMJ SUBSONIC	13.0	200	305	605



7.62 x 51 FMJ SUBSONIC			7.62 x 51 FMJ-MATCH			7.62 x 51 FMJ-MATCH		
13.0 g / 200 gr			10.9 g / 168 gr			11.7 g / 180 gr		
305 V_0 (m/s)	605 E_0 (J)	CuZn 10 Pb 5.3 BOXER	800 V_0 (m/s)	3488 E_0 (J)	CuZn 5 Pb 5.3 BOXER	800 V_0 (m/s)	3744 E_0 (J)	CuZn 5 Pb 5.3 BOXER
7.62 x 51 HPBT			**7.62 x 51 HPBT**			**7.62 x 51 HPBT**		
11.35 g / 175 gr			11.7 g / 180 gr			12.3 g / 190 gr		
800 V_0 (m/s)	3632 E_0 (J)	CuZn 10 Pb 5.3 BOXER	800 V_0 (m/s)	3744 E_0 (J)	CuZn 10 Pb 5.3 BOXER	800 V_0 (m/s)	3936 E_0 (J)	CuZn 10 Pb 5.3 BOXER

SNIPER LINE AMMUNITION

300 WIN. MAG. HPBT

10.9 g / 168 gr

920 V_0 (m/s)	4613 E_0 (J)	CuZn 10
		Pb
		5.3 BOXER

300 WIN. MAG. HPBT

12.3 g / 190 gr

868 V_0 (m/s)	4634 E_0 (J)	CuZn 10
		Pb
		5.3 BOXER

300 WIN. MAG. HPBT

14.3 g / 220 gr

827 V_0 (m/s)	4890 E_0 (J)	CuZn 10
		Pb
		5.3 BOXER

7.62 x 54 R HPBT

11.3 g / 174 gr

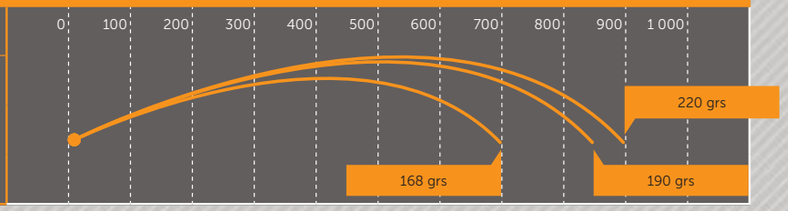
788 V_0 (m/s)	3508 E_0 (J)	CuZn 10
		Pb
		5.3 BOXER

The S&B Sniper & Tactical Line allows Law Enforcement and Military snipers to engage threats in any situation.

Sniper line point of impact = Tactical line point of impact

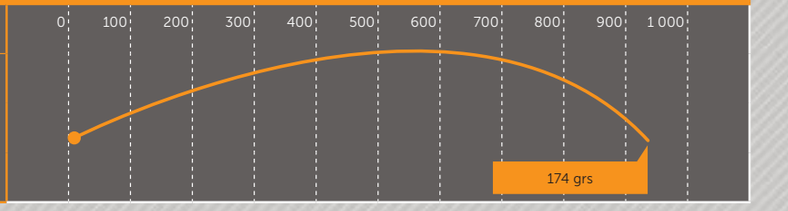
300 WIN. MAG.

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	10.9	168	920	4613
HPBT	12.3	190	868	4634
HPBT	14.3	220	827	4890



7.62 x 54 R

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	11.3	174	788	3508



6.8 mm REM. SPC HPBT

7.5 g / 115 gr

V_0 (m/s)	E_0 (J)	
755	2138	CuZn 10
		Pb
		4.4 BOXER

338 LAPUA MAG. HPBT

16.2 g / 250 gr

V_0 (m/s)	E_0 (J)	
868	6103	CuZn 10
		Pb
		5.3 BOXER

338 LAPUA MAG. HPBT

19.4 g / 300 gr

V_0 (m/s)	E_0 (J)	
827	6634	CuZn 10
		Pb
		5.3 BOXER

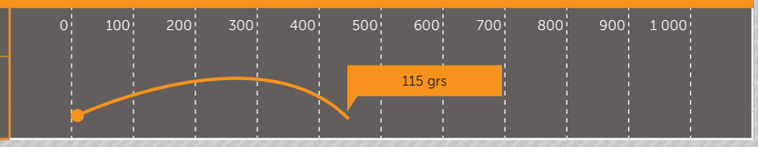
338 LAPUA MAG. AP

16.2 g / 250 gr

V_0 (m/s)	E_0 (J)	
890	6416	CuZn 10
		Pb/WC
		5.3 BOXER

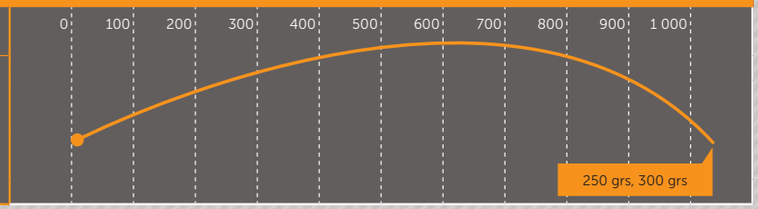
6.8 mm REM. SPC

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	7.5	115	755	2138



338 LAPUA MAG.

type	g	grs	V_0 (m/s)	E_0 (J)
HPBT	16.2	250	868	6103
HPBT	19.4	300	827	6634



Stay tuned to see incredible
long-distance shooting
performance.

LONG RANGE SHOOTING

LONG-RANGE SHOOTING in military and law enforcement operations requires a deep understanding of advanced ballistics and selection of the right ammunition. The ideal ammunition should have a high ballistic coefficient, which ensures higher precision and the ability to hit distant targets. Shooters must also account for variables such as wind, temperature, and elevation, which significantly affect bullet trajectory. Mastery of advanced ballistics is crucial in predicting bullet behavior in flight. With the correct ammunition and comprehensive knowledge of advanced ballistics, military and law enforcement personnel can enhance their precision and effectiveness in long-range engagements.

ALTITUDE

Atmospheric pressure defined by latitude.

CORIOLIS FORCE

Curvature of trajectory given by the rotation of the Earth.

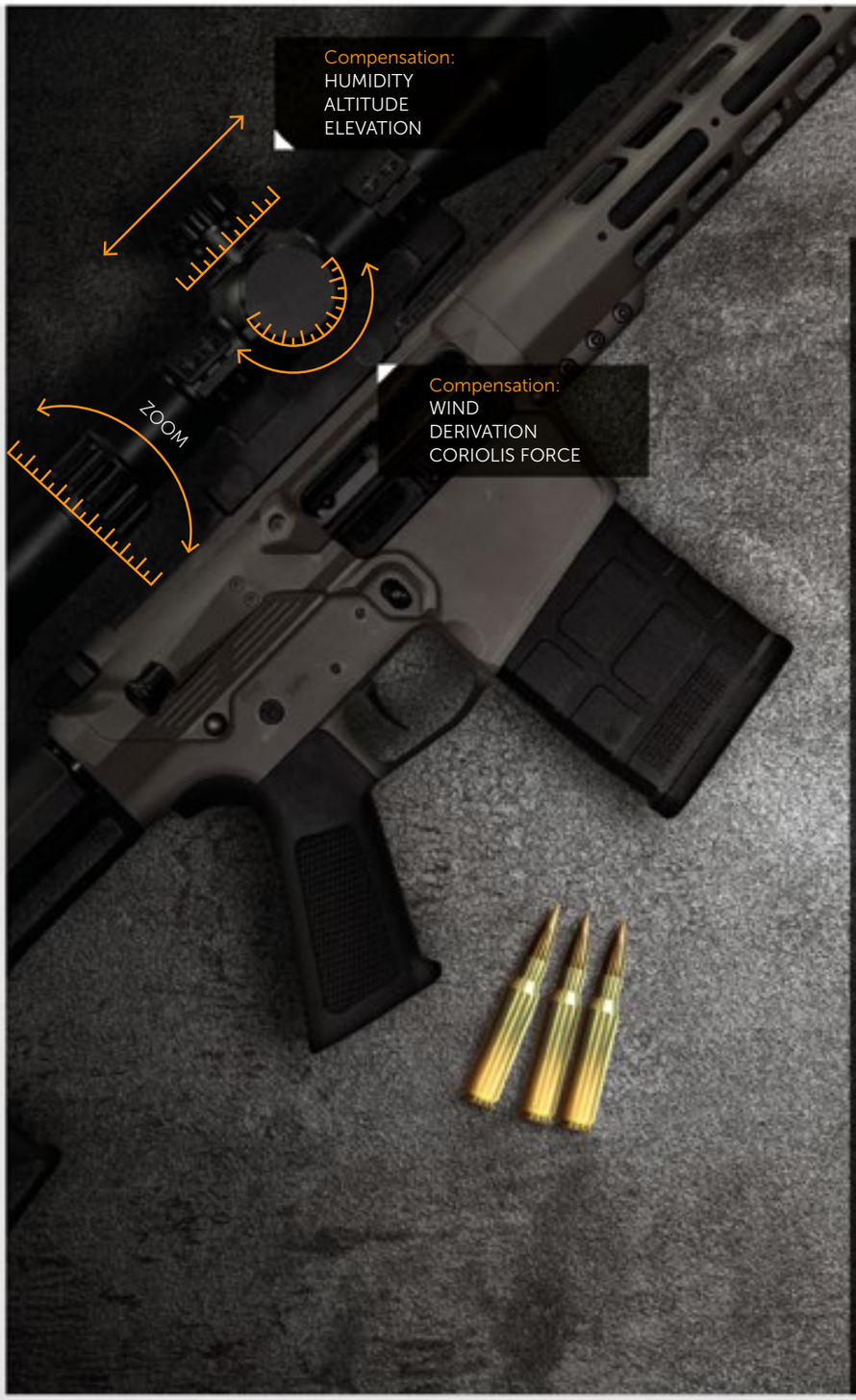
HUMIDITY

Shooting over a river.

MRD (Most Recommended Distance) is the point (4) where the trajectory (2) crosses the line of sight (3) for the second time. The trajectory (2) will not exceed the line of sight (3) by more than 4 cm.

1. Axis of the barrel
2. Curve of trajectory
3. Line of sight
4. MRD – most recommended distance
5. The point where the trajectory leaves the line of sight zone

THE ADVANCED BALLISTIC MODEL



Sellier & Bellot, in collaboration with a leading Czech ballistics expert, has developed an advanced ballistics model to calculate the performance and trajectory of ammunition.

The basic element of ballistic calculations is the ballistic coefficient (BC), which is used to evaluate the missile in terms of external ballistics and flight characteristics in the real atmosphere (ATM). BC can also be described as the ability of the missile to penetrate the ATM. It is true that a missile with a higher BC penetrates ATM better and vice versa that a missile with a lower BC is more inhibited by ATM.

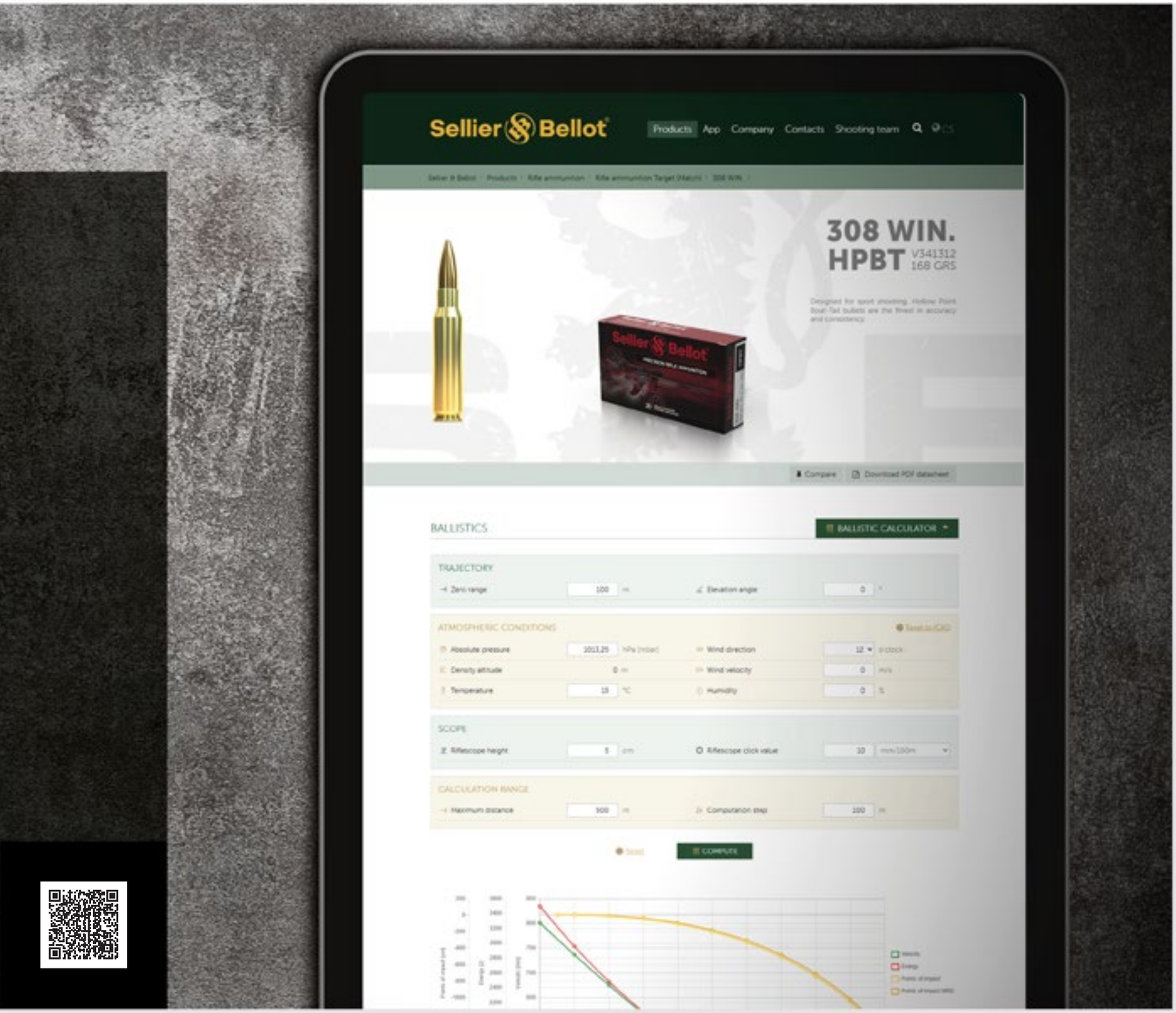
Sellier & Bellot calculates the BC of a labored bullet by accurately measuring the velocities of a sample of 10 bullets on a 100 m range. The measured bullet velocity values, together with the actual temperature, humidity and absolute air pressure, are used to calculate the published BC of the bullet converted to standard ICAO air conditions (temperature 15 °C, relative humidity 0% and absolute pressure 1013.25 hPa). This provides the ability to compare individual missiles with each other.

For the need of an accurate long range firing model, a model based on the equations of motion of the mass point under the influence of gravitational acceleration and environmental drag force is used.

The algorithm for calculating the ballistic elements of the projectile is performed by numerical integration of the general equations of motion of the mass point using a modified Euler method.

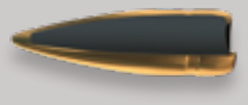
The advanced and physically accurate ballistic model is the basis for development of ammunition, it helps you select the right cartridge and shoot perfectly.

Try the **advanced ballistic calculator**
for example on 308 WIN HPBT.


Sellier & Bellot
Products
App
Company
Contacts
Shooting team
308 WIN.
HPBT V341312
168 GRS
Compare
Download PDF datasheet
BALLISTICS
BALLISTIC CALCULATOR
TRAJECTORY
Zero range
100
Elevation angle
0
ATMOSPHERIC CONDITIONS
Absolute pressure
1013.25
Wind direction
12
Density altitude
0
Wind velocity
0
Temperature
15
Humidity
0
SCOPE
Riflescope height
5
Riflescope click value
10
CALCULATION RANGE
Maximum distance
500
Computation step
100
COMPUTE

TACTICAL AMMUNITION

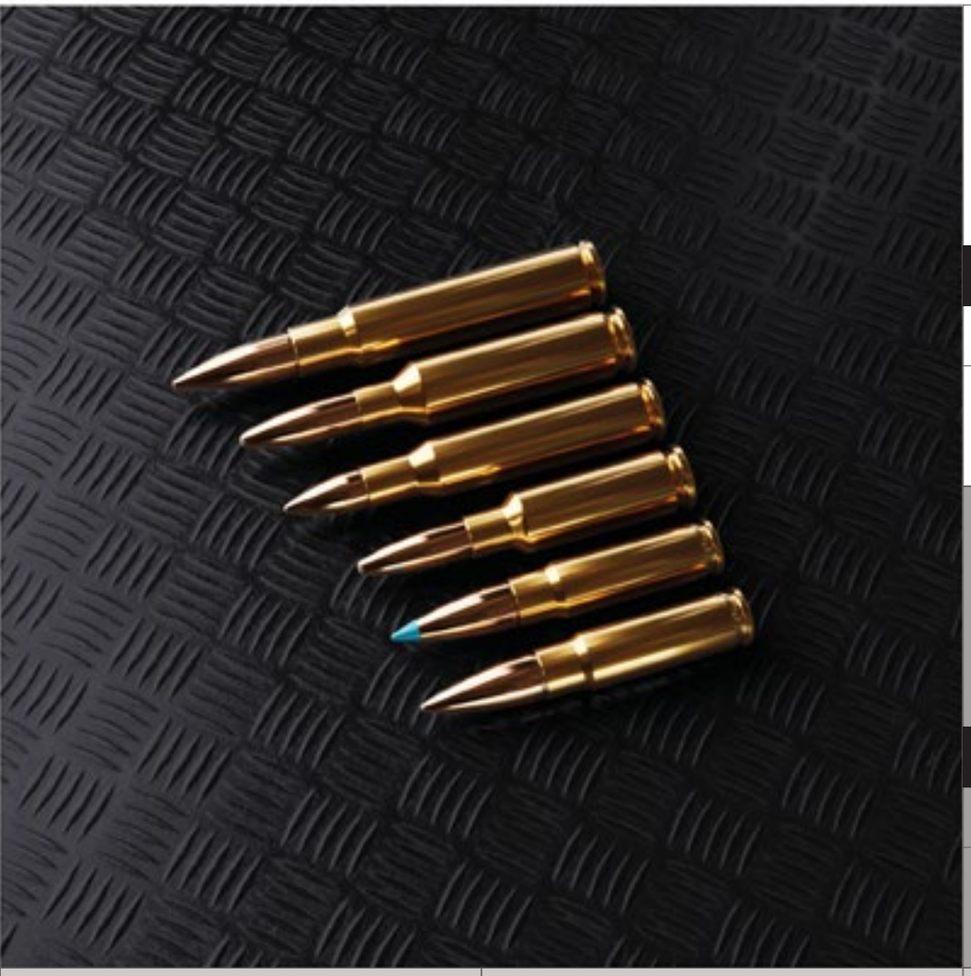
Tactical ammunition is specifically designed for use in tactical situations, such as military operations or law enforcement activities. The main advantage of tactical ammunition is its ability to provide reliable and consistent performance in high-stress situations. This type of ammunition is often engineered to have enhanced accuracy, stopping power, and penetration capabilities, making it ideal for use in critical scenarios where precision and effectiveness are crucial. Additionally, tactical ammunition may also feature specialized designs or components that help minimize the risk of malfunctions or jams, further enhancing its reliability in the field.



300 AAC BLACKOUT FMJ

8.00 g / 124 gr

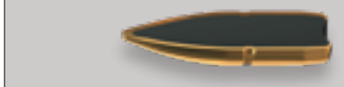
660 V_0 (m/s)	1724 E_0 (J)	CuZn 10
		Pb
		4.4 BOXER



6.5 GRENDEL FMJ

8.00 g / 124 gr

V_0 (m/s)	E_0 (J)	
785	2465	CuZn 10
		Pb
		4.4 BOXER



6.8 mm REM. SPC FMJ

7.10 g / 110 gr

V_0 (m/s)	E_0 (J)	
779	2154	CuZn 10
		Pb
		4.4 BOXER

6.5 CREEDMOOR FMJ

9.10 g / 140 gr

V_0 (m/s)	E_0 (J)	
810	2985	CuZn 10
		Pb
		4.4 BOXER

7.5 x 55 SWISS FMJ

11.30 g / 174 gr

V_0 (m/s)	E_0 (J)	
770	3883	CuZn 10
		Pb
		4.4 BOXER

300 AAC BLACKOUT FMJ

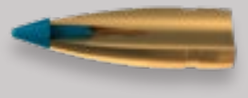
9.55 g / 147 gr

V_0 (m/s)	E_0 (J)	
633	1913	CuZn 10
		Pb
		4.4 BOXER

300 AAC BLACKOUT FMJ SUBSONIC

13.00 g / 200 gr

V_0 (m/s)	E_0 (J)	
323	678	CuZn 10
		Pb
		4.4 BOXER



300 AAC BLACKOUT TXRG

7.10 g / 110 gr

V_0 (m/s)	E_0 (J)	
675	1617	CuZn 10
		–
		4.4 BOXER

300 AAC BLACKOUT

7.1 g / 110 gr

V_0 (m/s)	E_0 (J)	
620	1365	–
		NTP
		4.4 BOXER

12/67.5 RUBBER SHOT

Cartridge with multiple rubber projectiles that cause trauma.

RUBBER SHOT – 9 shots

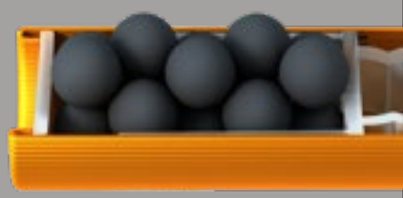
2.7 g / 42 gr

455 V_0 (m/s)	280 E_0 (J)	Rubber shot
		Orange plastic
		W 209

RUBBER SHOT – 12 shots

3.6 g / 55 gr

455 V_0 (m/s)	373 E_0 (J)	Rubber shot
		Orange plastic
		W 209



RUBBER SHOT – 15 shots

4.5 g / 70 gr

455 V_0 (m/s)	465 E_0 (J)	Rubber shot
		Orange plastic
		W 209

NON-LETHAL IMPACT

12/67.5 RUBBER BALL

RUBBER SHOT
12 shots

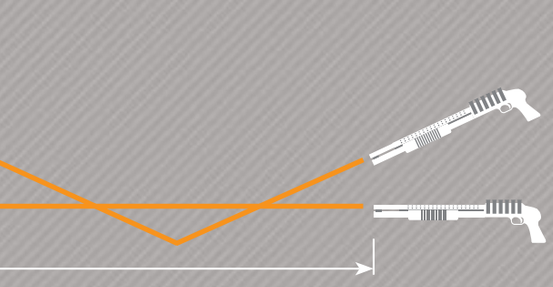
Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

RUBBER SHOT
9 shots

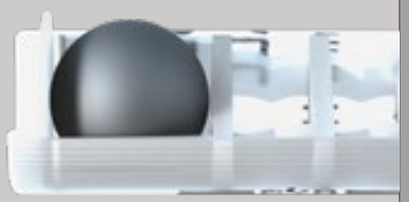
Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

RUBBER SHOT
15 shots

Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.



RUBBER SHOT 10–15 m
RUBBER BALL (1 ball) 20–25 m
RUBBER BALL (2 balls) 15–20 m



RUBBER BALL – 1 ball		
3.3 g / 51 gr		
275 V_0 (m/s)	125 E_0 (J)	Rubber ball Transparent plastic W 209

RUBBER BALL – 2 balls		
4.0 g / 62 gr		
265 V_0 (m/s)	162 E_0 (J)	Rubber ball Transparent plastic W 209

RUBBER BALL
1 ball

Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

RUBBER BALL
2 balls

Usage: Shooting at live targets from a defined distance, causing trauma and paralyzing the aggressor.

12/70 OPEN DOOR

OPEN DOOR – POWDER

34.0 g / 524 gr

— V_0 (m/s)	— E_0 (J)	Powder substance
		Black plastic
		W 209

OPEN DOOR – PLASTIC

15.0 g / 235 gr

480 V_0 (m/s)	1728 E_0 (J)	Plastic substance
		Transparent plastic
		W 209

Cartridge designed for the destruction of front door holding points and locks.

SPECIAL TRAINING

4.0 g / 62 gr

— V_0 (m/s)	— E_0 (J)	Special mix
		Orange plastic
		W 209

A LOCKED DOOR IS NO OBSTACLE

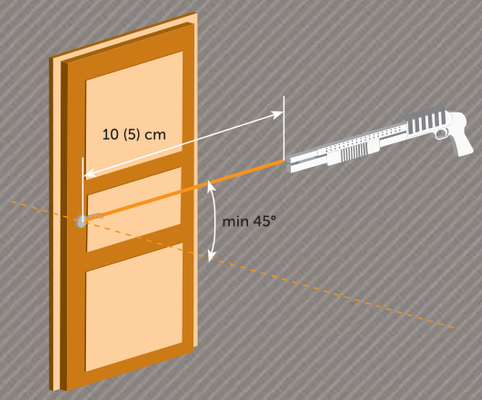
12/67.5 TRAINING

Sellier & Bellot

Unleashing Power in Every Shot!

12/70 OPEN DOOR
Usage: Shooting from a distance of 10 cm to holding point and lock at an angle of 45° to the door frame.

12/70 OPEN DOOR
Usage: Shooting from a distance of 10 cm to holding point and lock at an angle of 45° to the door frame.



12/67.5 TRAINING
Usage: Marking, shooting 5 cm from the holding point and lock at an angle of 45° to the door frame.

ANTI DRONE AMMUNITION

Effective range up to 100 m
High energy of sub-projectile
Outstanding grouping

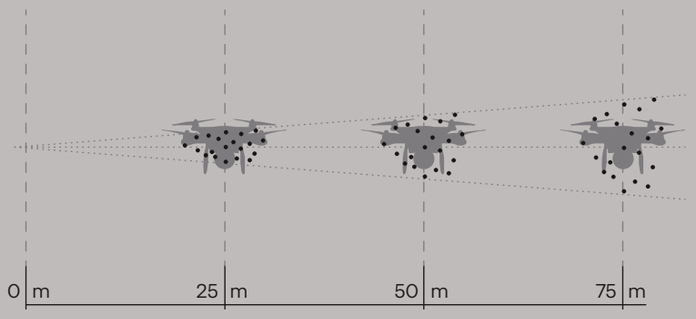
5.56 x 45 ANTI DRONE

COMING SOON

12/76 SPECIAL D

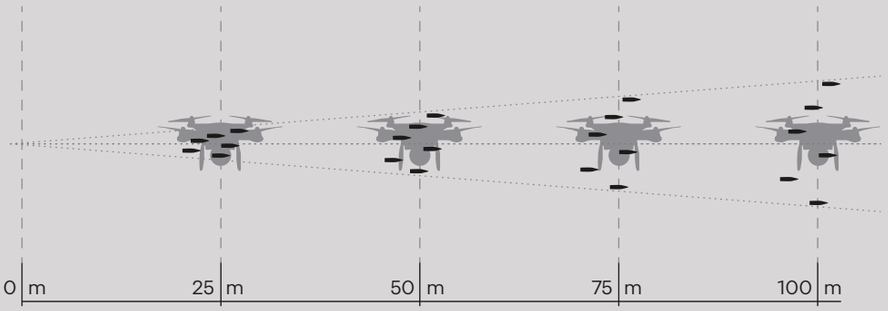
36.0 g / 555 gr

450 V_0 (m/s)	3645 E_0 (J)	Lead shots
		Black plastic
		W 209



7.62 x 51 ANTI DRONE

COMING SOON



Cartridge compatible with existing weapon systems including silencers.
In accordance with MoPI.

CALIBER INDEX

PISTOL AND REVOLVER AMMUNITION

SHOTGUN SHELLS

Learn more about Sellier & Bellot military and law enforcement products and get electronic version of newest catalogue on our website.

CALIBER INDEX

RIFLE AMMUNITION

COLT CZGROUP

Sellier & Bellot Int. a.s. is a member of Colt CZ Group SE

CALIBER	TYPE OF BULLET	PAGE
7.62 × 39	BLANK	31
	FMJ	30
	FMJ/STEEL CORE	30
	FMJ SUBSONIC	30
	FRANGIBLE	15, 31
	TRACER	31
7.62 × 51	AP	33
	AP/WC	33
	BLANK	33
	FMJ	11, 33
	FMJ-MATCH	33, 37
	FMJ SUBSONIC	33, 37
	FRANGIBLE	15, 32
	HPBT	32, 36, 37
	IR-DIM TRACER	12, 33
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300 WIN. MAG	HPBT	48
7.62 × 54 R	FMJ	34
	FMJ/STEEL CORE	34
	HPBT	34, 48
	TRACER	34
338 LAPUA MAG.	AP	39
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