



LAW ENFORCEMENT CATALOG

MAXAM
Outdoors

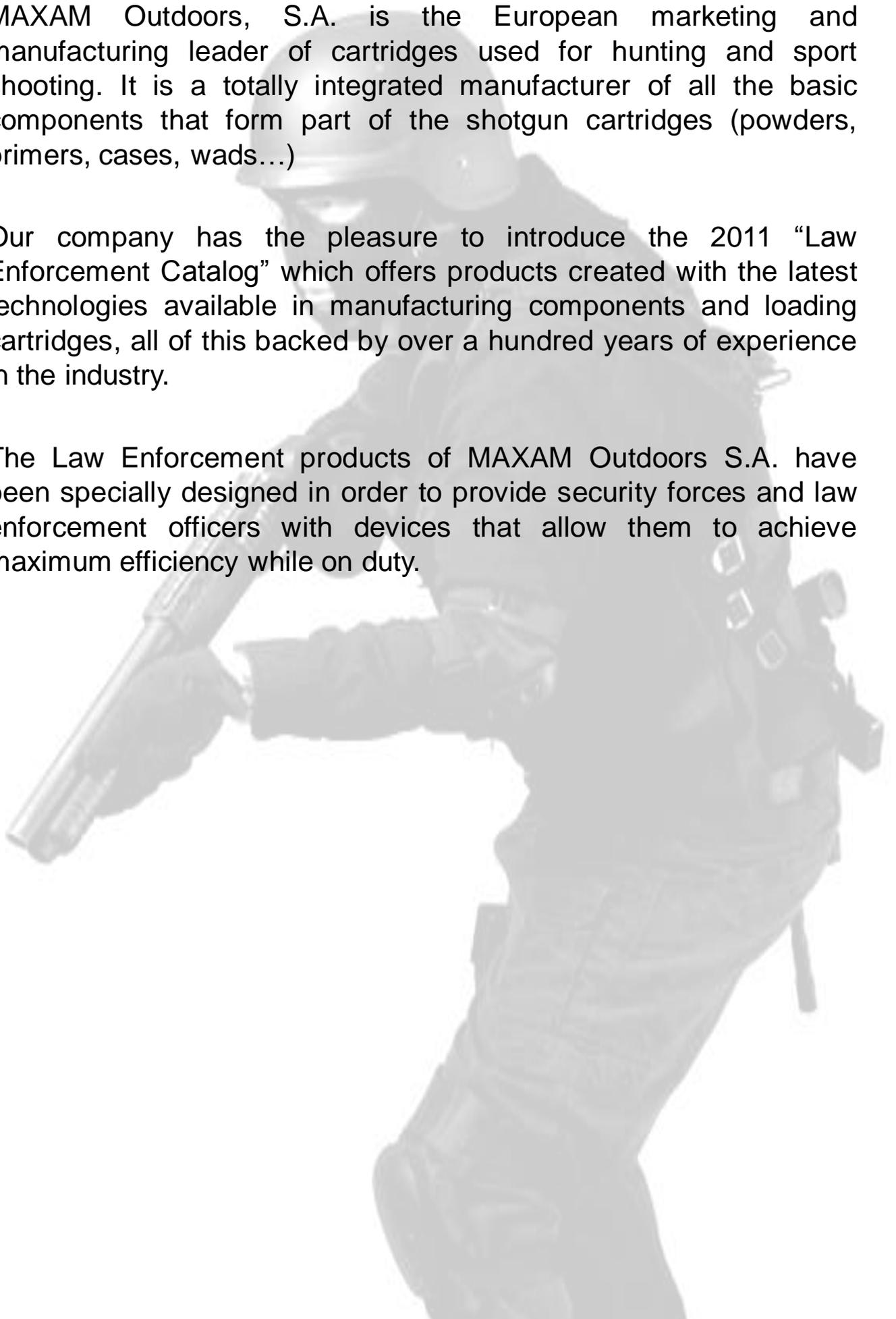


Who we are

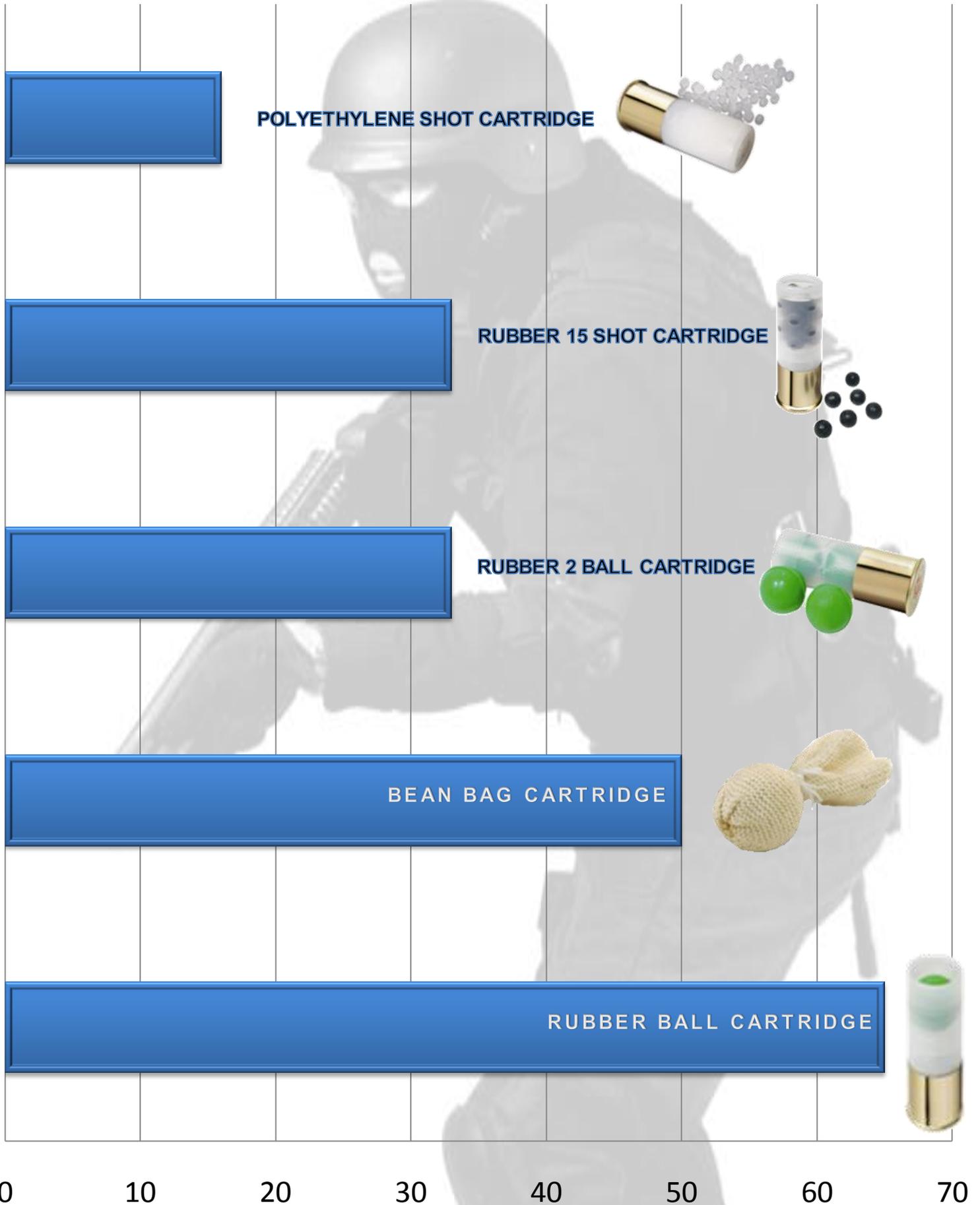
MAXAM Outdoors, S.A. is the European marketing and manufacturing leader of cartridges used for hunting and sport shooting. It is a totally integrated manufacturer of all the basic components that form part of the shotgun cartridges (powders, primers, cases, wads...)

Our company has the pleasure to introduce the 2011 “Law Enforcement Catalog” which offers products created with the latest technologies available in manufacturing components and loading cartridges, all of this backed by over a hundred years of experience in the industry.

The Law Enforcement products of MAXAM Outdoors S.A. have been specially designed in order to provide security forces and law enforcement officers with devices that allow them to achieve maximum efficiency while on duty.



Less Lethal Ammunition Effective Range (Feet)



POLYETHYLENE SHOT CARTRIDGE

Product Description

This cartridge was specifically developed for controlling people at short distances in violent demonstrations, public riots and looters.

Physical Data

This cartridge uses polyethylene shot that is non-spherical and irregular in size which immediately loses its velocity as it comes in contact with air given its low density. The average number of pellets contained in a cartridge is 100.

Gauge	Weight
12 ga	0.07 oz./100 pellets

Conditions of Use

Delivery Means	Accessories
12 gauge Shotgun	N/A

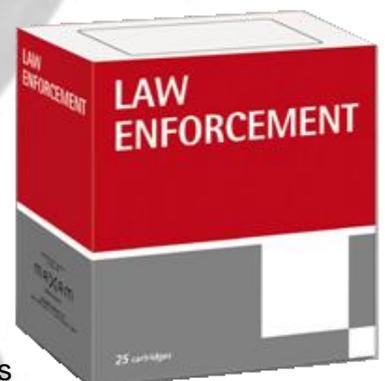
Performance Characteristics

Product Specifications

Pressure	Velocity	Effective Range
3133 psi	1955 fps	16 ft

Physical Effects

Produces a shock effect when it strikes the target. The effectiveness depends on which part of the body is hit, how thick the clothing the suspect is wearing and the distance of the shot.



Box: 25 units
Case: 250 units

RUBBER 15 SHOT CARTRIDGE

Product Description

This cartridge was specifically developed for controlling violent demonstrations, riots, suspect apprehension and animal control. It can be used in single or multiple target engagements.

Physical Data

This cartridge has a variable number of small rubber pellets of different diameters that are shot at a high velocity. Available in 15 shots with a hardness of 55A

Gauge	Diameter	Weight
12 ga	0.3 in/ pellet	0.14 oz./ 15 pellets

Conditions of Use

Delivery Means	Accessories
12 gauge Shotgun	N/A



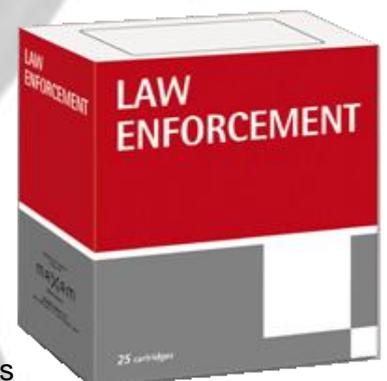
Performance characteristics

Product Specifications

Pressure	Velocity	Effective Range
2625 psi	1220 fps	33 ft

Physical Effects

Produces intense and immediate pain. The duration and intensity of the pain will vary according to number of impacts, parts of body hit, distance and type of clothing.



Box: 25 units
Case: 250 units

RUBBER BALL CARTRIDGE

Product Description

This cartridge was specifically developed for riot control, suspect apprehension or serious incidents. It allows Law Enforcement Officers to maintain a safe operating distance.

Physical Data

This cartridge has one rubber projectile with a hardness of 55 A.

Gauge	Diameter	Weight
12	0.7 in/ ball	0.07 oz./ ball

Conditions of use

Delivery means	Accessories
12 gauge Shotgun	N/A



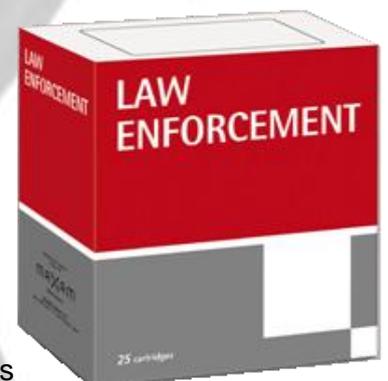
Performance Characteristics

Product Specifications

Pressure	Velocity	Effective Range
3911 psi	984 fps	65 ft

Physical Effects

This projectile transmits all of its kinetic energy and causes immediate pain. The duration and intensity of the pain depends on the distance from which the projectile is fired, the part of the body hit and the type of clothing the person is wearing.



Box: 25 units
Case: 250 units

RUBBER 2 BALL CARTRIDGE

Product Description

This cartridge was specifically developed for riot control, suspect apprehension or serious incidents. It allows Law Enforcement Officers to maintain a safe operating distance.

Physical Data

This cartridge uses two rubber projectiles with a hardness of 55 A.

Gauge	Diameter	Weight
12	0.7 in/ ball	0.14 oz./ 2 balls



Conditions of use

Delivery means	Accessories
12 gauge Shotgun	N/A

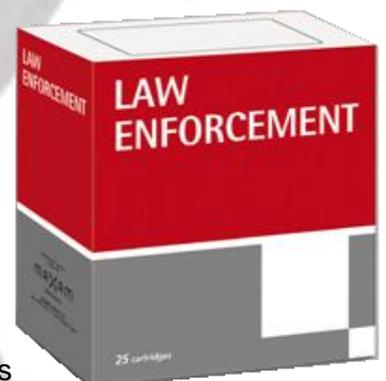
Performance Characteristics

Product Specifications

Pressure	Velocity	Effective Range
4267 psi	984 fps	33 ft

Physical Effects

This projectile transmits all of its kinetic energy and causes immediate pain. The duration and intensity of the pain depends on the distance from which the projectile is fired, the part of the body hit and the type of clothing the person is wearing.



Box: 25 units
Case: 250 units

BEAN BAG CARTRIDGE

Product Description

This cartridge was specifically developed for controlling riot situations and suspect apprehension and compliance. This bean bag cartridge is extremely efficient due to the unique soft and flexible material used. When the bag makes impact, it will spread out more and have a larger contact area than conventional bean bag projectiles.

Physical Data

This cartridge has a bag made of a resistant yet soft and flexible material filled with small lead pellets.

Gauge	Diameter	Weight
12	0.73 in/ projectile	1-2/5 oz./ projectile



Conditions of Use

Delivery means	Accessories
12 gauge Shotgun	N/A

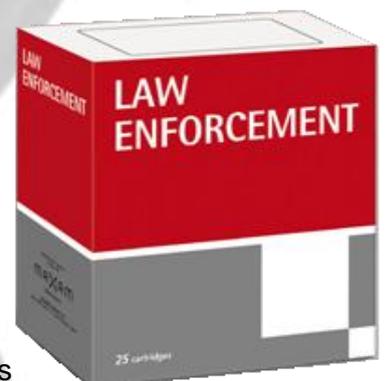
Performance Characteristics

Product Specifications

Pressure	Velocity	Effective Range
2175 psi	262 fps	50 ft

Physical Effects

When the projectile strikes the intended target, kinetic energy causes instant physical pain compliance. The duration and intensity of the effects depend on the distance, the part of the body hit and thickness of the clothing worn.



Box: 25 units
Case: 250 units

BLACK POWDER PROPELLANT LAUNCHING CARTRIDGE

**SPECIALTY
CARTRIDGE**

Product Description

This 12 gauge 2-3/4 inch cartridge has no projectile and was designed for shooting smoke or gas containers. The cartridge can also be used for firing rubber balls. Its purpose is for controlling violent demonstrations, riots or uprisings by maintaining a large distance of safety.

Physical Data

This cartridge contains a strong black powder charge.

	Diameter per projectile (in)	Weight per projectile (oz.)
Smoke or gas containers	2.08	16
Rubber balls	2.12	3

Conditions of Use

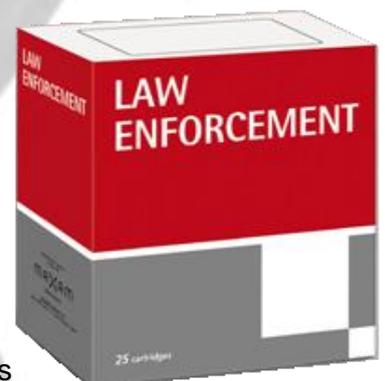
Delivery means	Accessories
12 gauge shotgun	WIDE MOUTH

Performance Characteristics

Product Specifications

Shot from C/12 barrel – 380 mm in length

	Pressure (psi)	Velocity (fps)	Range (ft)
Smoke or gas containers	2845	130	230
Rubber balls	2845	197	574



Box: 25 units
Case: 250 units

SMOKELESS POWDER PROPELLANT LAUNCHING CARTRIDGE

**SPECIALTY
CARTRIDGE**

Product Description

This 12 gauge 2-3/4 inch cartridge was specifically developed for improving the range of the projectile(s) shot and avoids the residues generated by black powder. Its purpose is as a launching propellant or sound distractionary device.

Physical Data

The propellant cartridge is charged by a smokeless powder with a simple energetic base and is packed in a special thick-walled case.

	Diameter per projectile (in)	Weight per projectile(oz.)
Smoke or gas containers	2.08	16
Rubber balls	2.12	3

Conditions of Use

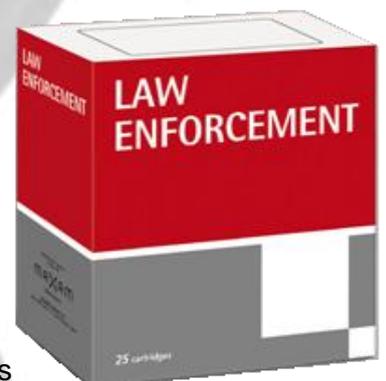
Delivery means	Accessories
12 gauge shotgun	WIDE MOUTH

Performance Characteristics

Product Specifications

Shot from C/12 barrel – 380 mm in length

	Pressure (psi)	Velocity (fps)	Range (ft)
Smoke or gas containers	5689	197	295
Rubber balls	5689	246	984



Box: 25 units
Case: 250 units

BUCK SHOT CARTRIDGE

Product Description

Maxam Law Enforcement, a division of Maxam Outdoors S.A., has paid special attention to the design of its range of game cartridges with the aim of offering high precision and reliable products in the development of highly effective Law Enforcement cartridges. This buck shot is charged with CSB smokeless powder providing high velocity over long distances for excellent stopping power. The shot is manufactured by a stamping process which guarantees uniformity. *From 12 to 20 cal. The length is 2-3/4 inches. From 28 to 36 cal length is 2.6 inches.*

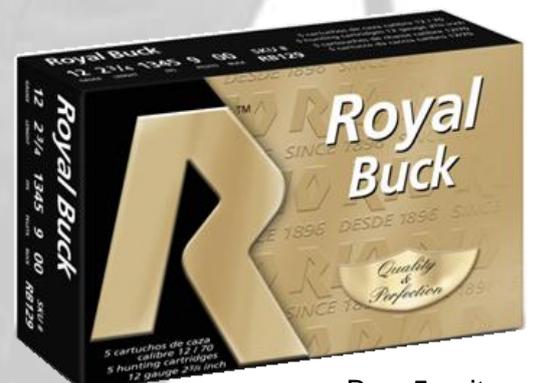
Physical Data and Performance Characteristics

GAUGE	CHARGE (oz.)	TYPE	DIAMETER (in)	PRESSURE (psi)	VELOC. (fps)
12	1.2	9P	0.34	8890	1345
12	1-1/8	12P	0.3	8534	1345
12	1-1/6	16P	0.27	8534	1345
12	1	21P	0.24	8534	1345
16	7/8	9P	0.3	8178	1345
16	3/4	12P	0.25	7823	1345
16	3/4	16P	0.24	7823	1345
20	3/4	9P	0.29	8534	1345
20	3/4	12P	0.25	8178	1345
28	2/5	9P	0.24	7112	1360
32	1/2	16P	0.21	7112	1345
36	0.32	2P	0.36	7823	1345



Conditions of Use

DELIVERY MEANS	ACCESORIES
12 gauge shotgun	N/A



Box: 5 units
Case: 250 units

STAR SLUG CARTRIDGE

Product Description

One of the most precise slugs currently available with great power and regularity. A lead projectile and plastic wad were used to sustain a more accurate trajectory and is commonly used in the game hunting industry. This cartridge is typically for lethal and barrier breaching applications.

Physical Data

Gauge	Diameter	Weight
12	0.73 in	1-1/8 oz.

Conditions of Use

Delivery means	Accessories
12 gauge Shotgun	N/A

Performance Characteristics

Product Specifications

Pressure	Velocity
8534 psi	1410 fps

Physical Effects

LETHAL.



Box: 5 units
Case: 250 units

BRENNEKE ORIGINAL SLUG CARTRIDGE

Product Description

The Brenneke Slug Cartridge is our original slug and has extraordinary ballistic characteristics with excellent range and stopping power. This slug provides excellent accuracy, deep penetration with the ability to hit targets behind barriers.

Physical Data

The guaranteed quality and precision of a Brenneke Slug is based on the "arrow" principle. The center of gravity is balanced at the front of the slug as in the case of the balance of an arrow. This design more effectively stabilizes the slug during flight.

Gauge	Diameter	Weight
12	0.73 in	1-1/8 oz.

Conditions of Use

Delivery means	Accessories
12 gauge shotgun	N/A



Performance Characteristics

Product Specifications

Pressure	Velocity
9245 psi	1430 fps

Physical Effects

LETHAL.



Box: 5 units
Case: 250 units

ARMoured SLUG CARTRIDGE MG

Product Description

The armored cartridge offers high precision and enormous stopping power since the internal air chamber completely fragments the lead projectile once it impacts the target. Effective uses include lethal and barrier breaching applications.

Physical Data

The armored cartridge is composed of a hollow, hardened lead body with an air chamber, ten slanted, spiral wings and an air rod screwed to a plastic base. The shape of the plastic base coincides exactly with the spiral wings.

Gauge	Diameter	Weight
12	0.73 in	1-1/8 oz.



Conditions of Use

Delivery means	Accessories
12 gauge Shotgun	N/A

Performance Characteristics

Product Specifications

Pressure	Velocity
10525 psi	1476 fps

Physical Effects

LETHAL.



Box: 5 units
Case: 250 units

TARGET LOAD 32

Product Description

With well over 100 years of experience in the industry, our target loads have exceptional accuracy, consistency and reliability making them the perfect fit for training or duty applications. Designed with the right components, this cartridge reaches performance levels suitable for the most challenging situations.

Physical Data

Gauge	Length	Weight	Dram
12	2 ¾	1-1/8 oz.	2 ¾

Conditions of Use

Delivery means	Shot Size
12 ga Shotgun	7 ½ , 8



Performance Characteristics

Product Specifications

Pressure	Velocity
8178 psi	1150 fps

Uses

Training / Lethal Duty Applications



Box: 25 units
Case: 250 units