

FLEM®

Innovative Ammunition for Law Enforcement

PROTECTIVE NEUTRALIZATION



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TECHNOLOGIES DESIGNER FOR SECURITY AND DEFENSE

THE OBSERVATION

Reports of various committees, domestic and foreign, monitoring Law Enforcement activities, revealed that spherical ammunition, bean bags or sticks projectiles can frequently be responsible of death or serious health damage to persons.

These facts generate negative public opinion and also engender politic and financial consequences.

To reduce such damage, Redcore SAS offers an innovative less-lethal projectile called «FLEM®».



The FLEM projectile in a 12 gauge - 2 3/4 caliber cartridge

OVERVIEW FLEM®

The FLEM® is a latest generation impact projectile. It's design is innovative, patented and perfectly adapted to modern uses.

Its body is made of a specific material that avoid rebonds, increase the interaction duration between the bullet and the target at the impact and absorb the energy overload in order to reduce risks of injuries.

The FLEM® respond to less-lethal weapon characteristics requirements regarding to non-penetration, incapacitation and behavioral effects on the target. Meets the criteria of less-lethal impact to immobilize the target.

The FLEM® is a projectile design for the neutralization and de-encircling.

The FLEM®, however, can be dangerous and even lethal if fired at a too short distance.

The FLEM® is designed and manufactured in France.

TECHNOLOGY

The FLEM® has the particularity of performing a 90° rotation in a distance of 2m after getting out the barrel to present a contact area larger than it's diameter. Its particular design ensures its rotation, and its tail insure a stable and linear flight.

The FLEM® - Gauge 12 - 2 3/4 (18x50mm) has a contact width before impact greater than the 37mm caliber and more.

COMPETITIVE ADVANTAGES

The FLEM® ammunition is the solution proposed by Redcore SAS for various police agents missions.

The concept of Protective Neutralization, developed by Redcore SAS, is to treat the target while limiting serious injury to the person.

Due to its innovative technology, the FLEM® ammunition outclasses current projectiles.

The FLEM®'s contact area helps mitigate penetration regardless of the used weapon size. Its material tends to limit the dangers of cavitation and rebound.



The FLEM is intended to restore order during riots and temporarily incapacitate potentially dangerous individuals.

Firing range from 5 to 50 meters according to weapon.

Available in several sizes :

- 12 gauge - 2 3/4
- 37mm
- 40mm

Patent granted : FR3008786

THE FLEM[®]'S STRENGTH

- Significant reduction of penetration risk
- Less rebound injuries
- Definable impact power
- Suitable for many weapons gauge

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