



PhaZZer® CEW Ammunition Cartridges Technical Specifications

ALL PHAZZER AMMUNITION CARTRIDGES UTILIZE COMPRESSED NITROGEN AS A PROPELLANT AND BOTH PHAZZER® AND TASER® AMMUNITION CARTRIDGES ARE UNIVERSALLY COMPATIBLE IN ALL PHAZZER CEW'S AND THE TASER® X26®/M26® ECD'S

PhaZZer Ammunition is classified as "non-firearm based ammunition" as defined in the GCA by U.S. Department of Justice Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF)



The PhaZZer Dart Pro Cartridges and all other ammunition are propelled by compressed nitrogen (N₂ 1700 psi) and have been classified by the United States ATF as a non-firearm. When fired, the darts and other deployable ammunition travel at approximately 155 feet per second allowing for effective penetration and accuracy at distances up to 21 feet for law enforcement darts and 30 feet for all other projectile rounds. The PhaZZer Dart Pro Cartridge angle of deployment measures 3 degrees above and 3 degrees below the laser site. PhaZZer Ammunition has been tested and confirmed that a 6 degree wide spread between the darts has an effective NMI on the human body from 4 to 21 feet, but more accurate in neutralizing the target from longer distances up to 21 feet compared to a greater dart spread. The minimum dart spread required for best performance of NMI is a six inch spread, between the darts, according to the original designers of the Pulse Wave Technology, Mr. Jack Cover.

Separation distances of the PhaZZer Dart Pro Cartridges are approximately as follows:

Note: These separation distances are based on averages as there are slight deviations in darts spreads with each cartridge used.

- 5 feet – 6.75 inches
- 10 feet – 13.5 inches
- 15 feet – 20.25 inches
- 20 feet – 27 inches

PHAZZER DART PRO SPECIFICATIONS

Dart Probe Material: 2 injection pieces combined, upper piece is made of electroplated iron and bottom piece (24mm) is electroplated aluminum.

Length of Dart Pin: Barbed Pin 3/8 or 7/16 inch for law enforcement 1/4 inch for training cartridges.

Total Dart Length: 37mm (1.45 inches)

Total Weight of Dart: 2.7 grams

PEPPERBALL® AND PEPPER POWDER SPECIFICATIONS

The PhaZZer Pepperball® Cartridge helps to meet challenging situations with a non-lethal solution and provides law enforcement with an alternative compared to more substantial means of force. The Pepperball® projectile is also ideally suited for multi-target or riot situations where they may be skipped off the pavement to quickly create an intense barrier cloud of PhaZZer Pepper Powder irritant.

- Accurate on individual targets at distances of 30 feet.
- Pepper Powder is effective on a single perpetrator or a multitude of targets at max distance of 8 feet.
- Widely used fast effect on the human body without adverse side effects.
- Only irritates human eyes, upper respiratory tract and skin. Victims can recover in approximately 30 – 60 minutes.
- Non-flammable and non-combustible.
- Natural chili ingredients that have low environmental impact and does not corrode metals.
- (O.C. Powder) contains 60% 2 million SHU Chili Ingredients & 2% Nonivamide, Silica Gel, 15-20% Sulfuric Acid Barium and 2% Dispersant.
- Ball Shell material: plastic PS (polystyrene) OC Ball material: Capsaicin Powder & Nonivamide
- Caliber: 0.68 inch (17.3mm), Type of ball: OC Ball, Weight: cal.68 = 3.0±0.2g / cal.

Note: You should not target at the human eyes, face, or throat.

MULTI-FUNCTION AMMUNITION CARTRIDGE COLOR CODING

The housing of all PhaZZer ammunition cartridges consists of injection ABS material with a separate nylon injected insert combustion chamber with short barrel. All various PhaZZer ammunition is propelled at 155 fps.

- **Dart Pro 15 foot (4.5 meters) Yellow Doors**

Dart Pro Ammunition Cartridges contain compressed nitrogen to deploy two small dart probes attached to insulated conductive wires that extend to 15 feet (4.5 meter). This Ammunition option is effective in controlling or subduing but not permanently injuring a perpetrator.



- **Dart Pro 21 foot (6.4 meters) Lime Green Doors (Law Enforcement supply only)**

Dart Pro Ammunition Cartridges contain compressed nitrogen to deploy two small dart probes attached to insulated conductive wires that extend to 21 feet (6.4 meters). This Ammunition option is effective in controlling or subduing the perpetrator.



- **Multi-Target PepperBall® 30 foot (9.1 meters) Red Doors**

PhaZZer PepperBall Ammunition Cartridges accurately fire to a maximum distance of 30 feet, explode upon contact, impairing eyesight and breathing of a targeted perpetrator along with any other individuals within a 3-5 foot radius. This Ammunition option is very effective for crowd control and individual perpetrators.



- **Rubber Bullet 30 foot (9.1 meters) Black Doors**

PhaZZer Rubber Ball Ammunition Cartridges will accurately fire to a maximum distance of 30 feet temporarily distracting or confusing the target.



- **Paint Ball Mark 30 foot (9.1 meters) Green Doors**

PhaZZer Paint Ball Mark Ammunition Cartridges fire accurately to a maximum distance of 30 feet exploding upon contact and mark or temporarily distract and confuse the target. This Ammunition option is very effective for target marking and warning.



- **Multi-Target Pepper Powder 8 foot (2.6 meters) Pink Doors**

PhaZZer Pepper Powder Ammunition Cartridges will deploy Pepper Powder up to 8 feet effectively impairing eyesight and causing temporary breathing difficulty. This Ammunition option is very effective for crowd control and multiple attackers. It is disbursed as a cloud and is most effective between 2 to 8 feet.



- **Dart Pro Training Cartridge 21 foot (6.4 meters) Blue Doors**

Dart Pro Ammunition Training Cartridges contain compressed nitrogen to deploy two small dart probes attached to non-conductive wire that extends to 21 feet (6.4 meters).



PhaZZer offers a full five year replacement warranty from the date of production on all ammunition cartridges in the case it is defective for any reason. The production date is identified in the serial number located on the bottom of each cartridge. PhaZZer suggests that potential customers check with country, state, and local laws pertaining to possession and usage of CEWs.

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