

9 x 19 mm, PARABELLUM FMJ 8g-124 g

Pistol ammunition

GENERAL DATA:

This cartridge is intended for use in caliber 9 x 19 mm Parabellum:

- pistol HP, Walter P1, Beretta 92 F, BDA-9, BDA-O
- sub-machine UZI, Beretta PM 12S

TECHNICAL DATA:

Cartridge

- Weight approx. 12,1 g
- Length max. 29,5 mm
- Bullet extraction min. 200 N
- Life 10 years
- The cartridges shall function within the temperature range from - 30 °C to + 52 °C.

Case

- Type 9 x 19 mm, BOXER, hermetic painted bullet
- Weight approx. 3,6 g
- Length max. 19,15 mm
- Material Brass (CuZn30)

Bullet

- Type FMJ (Full Metal Jacket Boat Tail)
- Weight approx 8,0±0,08 g (124 gr)
- Length max 15,4 mm
- Diameter max 9,02 mm
- Material Jacket: Gilding metal (CuZn10)
Core: Lead/Antimony
- Primer Small pistol, non-corrosive, non-mercuric, non-toxic, boxer
- Propellant single (NC-03) or double base powder

BALLISTIC AND FUNCTIONAL CHARACTERISTICS:

- Velocity V_{16m} 370 ± 10 m/s
- Energy E_{16m} 548 J
- Chamber pressure: max 2300 bar, EPVAT (transducer 6215)
max 2550 bar, CRUSHER
- Accuracy: max 3,8 cm mean radius at 50 m or H+L ≤ 160 mm at 50 m (half perimeter)
- Action time +5σ max 3 ms
- Barrel length 200 mm, NATO

