

7.62 x 51 mm NATO, AP M61

Rifle ammunition

- This cartridge is intended for use in 7.62 x 51 mm caliber weapons (MAG, US M660, M219, M240, G3, L1A1, FAL, M14 and other)
- The cartridges shall function within the temperature range from - 54°C to + 52 °C
- Life 10 years
- Cartridge dimensions and performance are in accordance with MIL-C-60617A standard

TECHNICAL DATA:

CARTRIDGE

- Weight 24,0 g
- Length max 71,12 mm
- Extract force min 265 N
- Primer large rifle primer, noncorrosive, no mercuric, nontoxic
- Powder double base powder

CASE

- Type 7.62 x 51 mm, Boxer
- Weight approx. 11,2 g
- Length max 51,18 mm
- Material Brass CuZn30

BULLET

- Type FMJ BT AP (Full Metal Jacket Armor Piercing)
- Weight approx. 9,40 g (145 gr)
- Length max 29 mm
- Diameter max 7,84 mm
- Material Jacket: Gilding metal, Core: steel core
- Ballistic coefficient G1 0.419 (ICAO)

PERFORMANCE

- Velocity V_{24m} 833 ± 9 m/s
- Muzzle energy E_{24m} 3261 J
- Chamber pressure max 3800 bar, EPVAT method of measurement (using 6215 transducer)
- Accuracy mean radius max 19,05 cm at 550 m
- Terminal ballistic projectile penetrate 3,42 mm thick mid steel plate SAE-1010 or SAE-1020 at range of 1097 m or projectile penetrate two 3,42 mm thick mid steel plate SAE-1010 or SAE-1010 at range of 550 m



PACKING:

600 rds in metal box M2A1 (MIL-DTL-3060)

