

7.62 x 39 mm, BALL, LEAD CORE

123 gr, MIL SPEC

Rifle ammunition

Description : Full metal jacket bullet, lead/antimony core. For military applications, training and target shooting. UN transport classification UN 0012. Hazard Division 1.45.

Dimensions and weight:

- Round length, maximum (mm) 56
- Bullet length, maximum (mm) 22.5
- Case length, maximum (mm) 38.7
- Round weight (g) approx. 17.0
- Bullet weight (g) 7.97±0.10

Powder charge:

- Type: spherical double base propellant
- Weight (g): 1.50 – 1.70 (depends of powder type)

Characteristics (Meet MIL-C-50701A requirements):

- Velocity at 24m, 21±2°C, standard proof barrel of 600 mm length (m/s) 710 – 725
- Maximum pressure, average, 21±2°C, standard proof barrel by CIP (bar) ≤3200
- Precision, average mean radius, target at 100m, standard precision proof barrel ≤35
- Penetration of mild steel plate at 100 m from barrel's muzzle, given by steel plate thickness 6
- Bullet extraction force, average (N) ≥300
- Waterproofness Cartridges are waterproof (bubbles test)
- Functioning Cartridges function all specified weapons without casualty in the given operating temperature range
- Operating temperature °C -54 to +52
- Storage temperature °C -5 to +35(with daily temperature differences less than 10 °C)
- Shelf life (years) under storage conditions and original inner package, minimum 20

Round elements:

- Case material Brass 70/30
- Bullet jacket material Brass 90/10
- Core material Lead/antimony alloy
- Primer cup type, model Boxer type, non-corrosive, ø5.5 LR

