7.62 x 39 mm, BALL M43

Rifle ammunition

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

Dimensions and weight:

- Round length, maximum (mm)   55.8
- 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

Characteristics (Meet General Specification for PdD SAWS Small Caliber Ammunition requirements):

- Velocity at 24m, 21±2°C, standard EPVAT proof barrel of 600 mm length (m/s)   715 ± 10
- Maximum pressure, average, 21±2°C, standard EPVAT proof barrel by CIP (bar)   ≤3300
- Precision, average mean radius, target at 100 m, standard proof barrel of 600 mm length (mm)   ≤35
- Penetration of mild steel plate at 400 m from the muzzle of barrel, given by thickness of perforated plate (mm)   3
- Operating temperature (°C)   -54 to +52
- Storage temperature (°C)   -5 to +3
  (with daily temperature differences less than 10 °C)
- Bullet extraction force, average (N)   ≥300
- Waterproofness   Cartridges are waterproof (bubbles test)
- Functioning   Cartridges function all specified weapons without casualty at ambient temperatures, at -54°C and +52°C
- Shelf life under storage conditions, minimum, years   15

Round elements:

- Case material   Brass 70/30
- Bullet jacket material Brass 90/10 (gilding metal)
- Core material   Steel and lead/antimony alloy
- Primer cup type, model Boxer type, non-corrosive, ø5.5 LR

Packaging (suggested, can vary according to the specific requirements):

- Type   10 rounds in small carton box, 90 small carton boxes (900 rounds) in the M2A1 waterproof metal box, 51 M2A1 metal boxes on the pallet (45,900 rounds)
- Case/box dimensions (mm)   M2A1 metal box: 279.4x141.3x171.5; pallet: 1200x800x670
- Case/box gross weight (kg)   M2A1 metal box: approx. 18.5; pallet: approx. 963
- Case/box volume (dm^3)   M2A1 metal box: 6.7; pallet: 643

Should you have any further enquires, please do not hesitate to contact us at office@yugoimport.com

4.1.2.2.