



01 / PRODUCT OVERVIEW

M43

7.62 x 39 mm Ball M43, steel core



FIG 01 PRODUCT CONFIGURATION

**715 +/- 10 m/s at 24 m,
21 +/- 2 deg C, 600 mm
EPVAT proof barrel**

VELOCITY

7.97 +/- 0.10 g

BULLET WEIGHT

**max. 3300 bar (average,
600 mm EPVAT proof
barrel by CIP)**

MAXIMUM PRESSURE

approx. 17.0 g

ROUND WEIGHT

01.1 / OVERVIEW

Full metal jacket cartridge with steel and lead/antimony core, perforating 3 mm mild steel plate at 400 m from the muzzle.

TYPE

Ball

CALIBRE

7.62x39 mm

STANDARD

Eastern

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M43 / AMMUNITION

IDENTITY AND CONSTRUCTION

Bullet weight	7.97 +/- 0.10 g
Case length	38.7 mm maximum
Case material	brass 70/30

BALLISTIC PERFORMANCE

Velocity	715 +/- 10 m/s at 24 m, 21 +/- 2 deg C, 600 mm EPVAT proof barrel
Maximum pressure	max. 3300 bar (average, 600 mm EPVAT proof barrel by CIP)
Penetration	3 mm mild steel plate at 400 m from muzzle
Operating temperature	-54 to +52 deg C

DIMENSIONS, MASS AND SUPPLY

Round weight	approx. 17.0 g
Round length	55.8 mm maximum
Packaging	10 rds carton box, 900 rds in M2A1 waterproof metal box, 45,900 rds per pallet

ADDITIONAL TECHNICAL DATA

Precision	average mean radius max. 35 mm, target at 100 m, 600 mm proof barrel
Core material	steel and lead/antimony alloy
Powder charge	spherical double base propellant, 1.50-1.70 g
Shelf life	minimum 15 years under storage conditions