

# 7.62x39 mm, BALL, STEEL CORE, 123 gr Rifle ammunition

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Full metal jacket bullet, lead/antimony core. For military applications. UN transport classification UN0012,1.45

## 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:	1.60-1.70

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

• Velocity at 24m, 21±2°C, standard proof barrel of 600 mm length (m/s)	717 ± 10
• Maximum pressure, average, 21±2°C, standard proof barrel by CIP (bar)	≤3300
• Precision, target at 100 m, standard proof barrel of 600 mm length average mean radius (mm)	≤40
• Operating temperature (°C)	-54 to +52
• Storage temperature (°C)	-15 to +35
• 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 material jacket	BSteel, plated with gilding metal
• Core material	Steel core enveloped with 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 plastic waterproof box, 42 small boxes (420 rounds) in the M19A1 metal box, 160 M19A1 boxes stretched and bounded on the EUR pallet (67.200 rounds)
• Case/box dimensions (mm)	M19A1box: 275x100x11176; pallet: 1200x1000x850
• Case/box gross weight (kg)	M19A1box: 9,5; pallet: approx. 1545
• Case/box volume (dm <sup>3</sup> )	M19A1box: approx. 4,84; pallet: approx. 1020