

9x19 mm, Luger 124gr FMJ

Pistol ammunition

Description: Full metal jacket bullet, lead/antimony core. For law enforcement applications, training and target shooting, and range competition. UN transport classification UN 0012. Hazard Division 1.4S.

Bullet

• Type	FMJ
• Weight (gr)	8.00±0.10
• Sectional density (lb/in ²)	0.141
• Jacket	CuZn 10
• Core	Lead/Antimony alloy

Case

• Material	CuZn 30
• Length (mm), maximum	19.1

Primer

• Type	Boxer type, ø4.5 SP, non-corrosive
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Powder charge

• Type	spherical double base propellant
• Weight (g)	0.30 to 0.34 (depends of the powder model)

Cartridge

• Length (mm), maximum	29.7
• Round weight (g)	12.50 to 12.80
• Power factor (gr*ft/s) by 4.5-inch barrel	132±4
• Average velocity (m/s) at 16m, 21±2°C, standard EPVAT proof barrel of 200 mm length.	340±10
• Difference (m/s) between average velocities (16m) at 21°C and -54°C or 52°C	≤30
• Case mouth pressure (bar, piezo), average + 3*standard deviation, standard EPVAT proof barrel of 200mm length, 21±2°C.	≤2400
• Difference (bar) between average case maximum mouth pressures at 21°C and -54°C or 52°C	≤650
• Precision (mm), average mean radius, target at 46m, standard precision proof barrel of 200 mm length.	≤35
• Average standard deviations (mm) per X and Y axis.	≤35
• Functioning	Cartridges shall function all specified weapons with out not permitted defects at 21°C, -54°C and +52°C
• Bullet extraction force (N), minimum	200
• Waterproofness	Cartridges are waterproof (bubbles test)
• 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, minimum	15

Packaging (optional, can vary according to the specific requirements)

• Type :	50 rounds in small plastic waterproof box, 20 plastic boxes (1000 rounds) in the UN certified shipment carton box, 100 shipment carton boxes on the pallet (100.000 rounds)
• Packages dimensions :	shipment carton box: 275x185x134 pallet: 1140x1100x800
• Case/box gross weight (kg) :	shipment carton box: approx. 13.3 pallet: approx.1350
• Case/box volume (dm ³) :	shipment carton box: 6.8 pallet: 1003

