

# 9x19 mm, LUGER, FMJ, 124 gr

## Pistol ammunition

Full metal jacket bullet, lead/antimony core. For law enforcement applications, training and target shooting and range competition. UN transport classification UN0012, 1.45

Bullet type	FMJ
Bullet weight (g)	8.00 ± 0.10
Sectional density, lb/in <sup>2</sup>	0.141
Jacket	CuZn 10
Core	Lead/Antimony alloy
Case material	CuZn 30
Case length, maximum, mm	19.1
Primer type	Boxer type, ø 4.5 SP, non-corosive
Powder charge type	spherical double base or flake single base propellant
Powder charge weight (g)	0.30 to 0.34 (depend on propellant type)

### Cartridge

Length, maximum, mm	29.7
Round weight, g	12.50 to 12.80
Power factor at 4 inch barrel, gr*ft/s	132 ± 4
Average velocity at 16 m, 21±2°C, standard NATO EPVAT proof barrel of 200 mm length (m/s).	340±10
Difference between average velocities (16 m) at 21°C and -54°C or 52°C	≤30
Case mouth pressure (piezo, K6215), average + 3* standard deviation, standard NATO EPVAT proof barrel of 200 mm length, 21±2°C (bar)	≤ 2400
Difference between average case maximum mouth pressure at 21°C and -54°C or 52°C (bar)	≤650
Precision, average mean radius, target at 46 m, standard NATO precision proof barrel of 200 mm length, (mm)	≤35
Average standard deviations per X and Y axis, max., (mm)	≤35
Functioning	Cartridges function all specified weapons without casualty at ambient temperatures, at 21°C, -54°C and +52°C
Bullet extraction force, average (N)	min. 250
Waterproofness	Cartridges are waterproof (bubbles test)
Operating temperature (°C)	-54 to +52
Storage temperature (°C)	-5 to +30
Shelf life under storage conditions and original inner package, minimum, years	20

### Packaging (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)
Pallet dimensions (mm)	shipment carton box: 270x150x190; pallet: 1200x800x1200
Case/box gross weight (kg)	shipment carton box: approx. 13.3; pallet: approx. 1344
Case/box volume (dm <sup>3</sup> )	shipment carton box: 7.7; pallet: 1152

