

SCORPIO 9×19 mm FMJ

8 g NATO

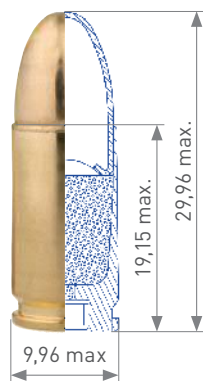
Cartridges SCORPIO 9×19mm FMJ 8 g NATO are manufactured on the most modern machinery available today on the market while using only specially assorted premium components.

The implemented production and proof control systems ensure that only STANAG requirements complying cartridges are released for sale on the military market.

The SCORPIO 9×19 mm FMJ 8 g NATO cartridge is designed to be used as an all-purpose military shooting cartridge for training and duty shooting applications. Due to its higher chamber pressure, overall water resistivity, and reliable performance in extreme temperatures, the cartridge is recommended to be used in NATO semi and fully automatic short and long guns.

Basic specifications

Case material	brass alloy CuZn ₃₀
Bullet core material	lead alloy PbSn
Bullet jacket material	brass alloy CuZn ₃₀
Bullet type and weight	FMJ RN 124gr / 8g
Primer	boxer type, small pistol
Energetic compound	double-based smokeless powder
Powder dose (NEQ)	0,34 g / cartridge
Pull off strength	min. 200 N
Water resistance	sealed primer, sealed bullet
Proper function in temperatures	from -54 °C up to +52 °C



Ballistic specification

Bullet velocity V ₀	~ 360 m/s
Max. chamber pressure	2850 Bar
Bullet energy	~ 518 J
Grouping	less than 30 mm in a distance of 46 m
Action time	less than 3 ms

Production and testing standards

STANAG 4090, M-MCMOPI AEP-97

Packing data

50 pcs in the synthetic holder in a paper commercial box
1000 pcs (20 × commercial box) in UN-certified cardboard transport case
1500 pcs (75 × paper box packed in vacuumed PE bag) in M2A1 standard box

International transport classification

UN 0012 cartridges for weapons, inert projectile or cartridges, small arms,
Hazardous class 1.4S

Producer

STV Technology, s.r.o.
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Cartridge case



Boxer primer



Energetic compound



Bullet

