

SCORPIO 5,56 × 45 M193

Cartridge SCORPIO 5,56×45 M193 is manufactured using the most modern machinery available on today's market, using only premium input materials.

The implemented military STANAG-proof full-scale control standards ensure that only high performance standards-complying cartridges are released for sale on the commercial, law enforcement, or military markets.

The SCORPIO 5,56×45 M193 is designed to be used as an all-purpose military shooting cartridge primarily for training and duty shooting applications. Due to its overall water resistivity and reliable performance in edge temperatures, the cartridge is recommended to be used in police and military forces in semi and fully-automatic long guns chambered for .223 Rem. or 5,56×45 ammunition with barrels of twist rate 1:9 inch.

Basic specifications

Case material	brass alloy CuZn30
Bullet core material	lead alloy PbSn
Bullet jacket material	brass alloy CuZn10
Bullet type	FMJ BT
Bullet weight (g / gr)	3,56 / 55
Primer	boxer type, small rifle
Energetic compound	double-based smokeless powder
Powder dose – NEQ (g)	~ 1,6 g
Pull off strength (j)	min. 200
Water resistance	sealed primer, sealed bullet
Proper function in temperatures	from -54 °C up to +52 °C

Basic ballistic properties (AEP-97 MC MOPI)

Bullet velocity V0 21 °C (m/s)	~ 1000
Bullet energy E0 21 °C (J)	~ 1780
Chamber pressure 21 °C (MPa)	max. 445
Action time 21 °C (ms)	< 3
Grouping 550 m 21 °C (mm)	max. 200 (horizontal/vertical SD)

Production and testing standards

STANAG 4090, M-MCMOPI AEP-97

Packing data

20 pcs in paper commercial box
1000 pcs (50 × commercial box) in UN-certified cardboard transport case
900 pcs (45 × paper box packed in vacuumed PE bag) in M2A1 box

International transport classification

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

Producer

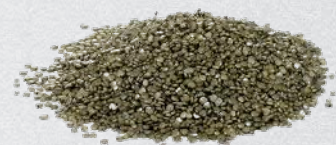
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Cartridge case



Boxer primer



Energetic compound



Bullet

