



5.56X45 FMJ

AMMUNITION FOR SMALL ARMS

TECHNICAL SPECIFICATION PROVIDED FOR THE FOLLOWING AMMUNITION

Bullet weight, gram/grain	3.56 (55)
Ballistic coefficient (G1)	0.225
Muzzle Velocity V0, m/sec (ft/sec)	994 (3261)
Muzzle energy E0, J (ft/lb)	1761 (1299)
Bullet dispersion R50 cm (inch) (at distance 200 m (219 yards))	10 (3.94)
Maximum powder pressure, bar (lb/inch ²)	4000 (58015)
Operating temperature range, °C	-50...+50

CARTRIDGE

Maximum length mm (inch)	57.3 (2.26)
Average weight, gram (grain)	10.6 (164)

BULLET

Bullet shell	bimetallic
Core	lead core
Shell	lacquered steel
Capsule	berdan type
Explosiveness class	1.4S, UN 0012



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Ammunition can be loaded, fired and retrieved from the following machine guns:

■ SIG 516, ■ SIG SG 540, ■ SIG SG 550, ■ SIG SG 551 SWAT, ■ SIG SG 552 Commando, ■ SIG SG 553, ■ SIG 556, ■ SIG 556 SWAT, ■ FN CAL, ■ FN F2000, ■ 9A-91, ■ AEK-972, ■ AK101, ■ AK102, ■ AK-108, ■ Vepr, ■ HK 416, ■ HK G36, ■ HK G41, ■ HK MG4, ■ HK SL6, ■ HK SL8 SL8 (This list is incomplete, but quite extensive).

PACKAGING

Primary packaging (carton box)	20 pcs
Carton box (25 boxes in a case)	500 pcs
Box weight (gross / net)	6.0/5.8 kg
The amount of boxes/cartridges in 1 transport package	96 / 48 000
Transport package weight (gross / net)	616 / 511 kg
Paper package, zinc metal, carton corrugated box	50 400 pcs
Pallet weight (50 400 pcs)	538 kg
Storage period:	
– in zinc packaging	10 years
– in carton packaging	3 years
Marking on the bottom of the shell:	
– brand of the manufacturer	BSVT-NT
– caliber	5.56x45
Marking on metal boxes:	
– caliber and type	
– ammunition type	
– year of manufacture	
– the amount of ammunition	