

5.56mm x 45 Armor Piercing – Tactical M-Series

62 gr / 4.0 g

CALIBER: 5.56mm x 45

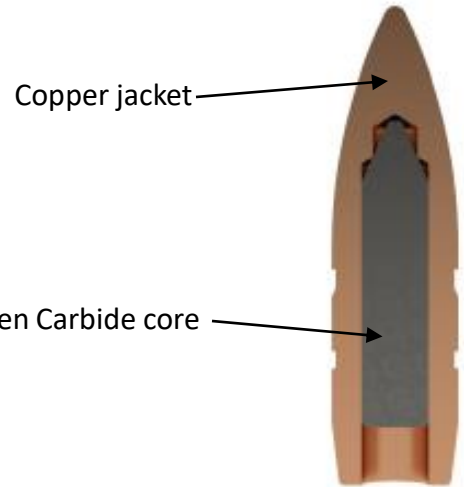
CARTRIDGE: Armor Piercing Tactical M-Series (SKU: M556-62)

The M-Series is a high performance armor-piercing cartridge. It utilizes a tungsten carbide core designed for the highest accuracy and penetration. The components are produced on advanced CNC machines allowing for precision and repeatability not possible with conventional cup and core AP projectiles.

For use against high threat targets. Affective against light armor.



Precision Ammunition



VELOCITY: **

3380 ft/s / 1030 m/s

ACCURACY: **

300m – < 76mm

PENETRATION:

>12mm at 100m HB300, 6mm
at 10m HB500

CASE: Brass Copper Alloy (#260)

PRIMER: Boxer Style, Non-Corrosive

PACKAGING:

20 rds per box, Fiber board Case

TIP ID: Black

PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: Caliber

PROPELLANT DETECTION: 100%
mechanical and/or electrical detection of
propellant levels within the cartridge



**Cartridge base velocities and accuracy are tested using SAAMI test barrels in a ballistic lab setting. These values can be changed based on actual weapons used and other environmental factors. We can test velocities and perform MOA accuracy testing on the specific weapon platforms.

Manufactured to U.S. Military Specifications MIL-STD-636, and SAAMI

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Drag Function: G1
 Ballistic Coefficient: 0.298
 Bullet Weight: 62 gr
 Initial Velocity: 3380 fps
 Sight Height : 1.5 in
 Shooting Angle: 0° Wind Speed: 10 mph
 Wind Angle: 90°
 Zero Range: 100 yd
 Chart Range: 800 yd
 Maximum Range: 4387 yd
 Step Size: 100 yd
International Standard Atmosphere
 Altitude: Sea Level (0 ft)
 Barometric Pressure: 29.92 Hg
 Temperature: 59° F
 Relative Humidity: 50%
 Speed of Sound: 1116 fps



Range	Elevation	Elevation	Elevation	Windage	Windage	Windage	Time	Energy	Vel[x+y]
(yd)	(in)	(MOA)	(MIL)	(in)	(MOA)	(MIL)	(s)	(ft.lbf)	(ft/s)
0	-1.50	0.00	0.00	0.03	0.00	0.00	0.00	1573	3380
100	0.00	0.00	0.00	0.89	0.85	0.25	0.09	1270	3037
200	-2.29	1.09	0.32	3.65	1.74	0.51	0.20	1019	2721
300	-9.31	2.96	0.86	8.59	2.73	0.79	0.32	810	2425
400	-22.27	5.31	1.55	16.10	3.84	1.12	0.45	636	2149
500	-42.80	8.17	2.38	26.68	5.09	1.48	0.60	492	1891
600	-73.12	11.64	3.38	40.92	6.51	1.89	0.77	377	1655
700	-116.22	15.85	4.61	59.49	8.11	2.36	0.96	287	1444
800	-176.08	21.02	6.11	82.99	9.91	2.88	1.18	221	1266

