

AMMO



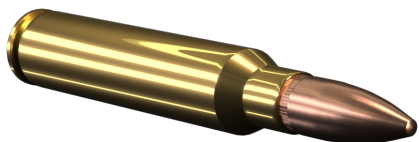
CALIBER

Cal. 5.56x45mm

WITH BULLET M855, M856 Tracer, M193, M196 Tracer |

BLANK AMMUNITION

M200, M200A1 |



CALIBER

Cal. 5.56x45 mm

BALLISTIC DATA

Cal. 5.56 with bullet	Energy (J)	$V_{23.77}$ (m/s)	P_{max} (bar)	Accuracy Rs	Tracer visibility
M 193	-	$964,7 \pm 12$	Max. 3 792	Max 5.08 cm at 180 m	-
M 196	-	$949,5 \pm 12$	Max. 3 792	Max 12.7 cm at 183 m	Visible trace from min 69 m to max 457 m from the muzzle of the weapon

Used for 5.56x45mm caliber weapon with a 1:12" twist barrel

Cal. 5.56 with bullet	Energy (J)	$V_{23.77}$ (m/s)	P_{max} 3Sd (bar)	Accuracy Rs	Tracer visibility
M 855 (SS109)	at 24(J)	$920,5 \pm 12$	Max. 4 450	Sdx/Sdy Max 20 cm at 550 m	-
M 856	at 24(J)	$917,4 \pm 12$	Max. 4 450	Sdx/Sdy Max 30 cm at 550 m	Dim trace to min 13 m from the muzzle of the weapon, visible from max 140 m to min 600 m from the muzzle of the weapon

Used for 5.56x45mm caliber weapon with a 1:7" twist barrel

Penetration (M855/SS109): Min. 80% Bullets shall completely perforate the mild steel plate 3,5mm nominal (10 gauge) thickness, defined in SAE 1010 or SAE 1020, Rockwell hardness, minimum B 55, maximum B 70. The plate shall be placed 570m from the muzzle at 0 degree obliquity (normal to the line of fire).

TECHNICAL DATA

ELEMENT		MATERIAL			
		M 193	M 196	M 855/ SS109	M 856
Bullet	Jacket	Tombac	Tombac plated steel strip or copper washer steel strip	Tombac	Tombac plated steel strip or copper washer steel strip
	Core	Lead antimony			
	Core	-	-	Steel	-
	Tracer	-	Tracer compos.	-	Tracer compos.
Cartridge case		Brass			
Propelling charge		Spherical powder			
Primer		Boxer non corrosive			
Cartridge					



Ball, M 193



Ball, M 855 (SS109)



Tracer, M 196



Tracer, M 856

Weight (g)				Length (mm)			
M 193	M 196	M 855	M 856	M 193	M 196	M 855	M 856
~3,56 g	~3,5 g	~4,00 g	~3,92 g				
55 gr	54 gr	62 gr	61 gr	19,17	23,2	23,4	28,45
6,10				44,70			
1,64	1,69	1,60	1,36	-			
0,23				3,10			
Average Q (100)± 0.4g				57,40			

Packaging			
Version 1	Version 2	Version 3	Version 4
<ul style="list-style-type: none"> • 20 rounds in cardboard box • 50 cardboard boxes in metalbox M2A1 • 2 metal boxes (2000 rounds) in wire bound wooden box 	<ul style="list-style-type: none"> • 20 rounds in cardboard box • 10 cardboard boxes (200 rounds) in PVC bag • 5 PVC (1000 rounds) bags in wooden case 	<ul style="list-style-type: none"> • 200 rounds in metal link belt (M27) • 4 metal link belts in metal box M2A1 (800 rounds) • 2 metal boxes wire bound wooden box (1600 rounds) 	<ul style="list-style-type: none"> • 20 rds in a clip • 5 clips in a cardboard box • 20 cardboard boxes in a metal box M2A1 • 2 metal boxes in a wooden crate

Packaging and marking could be done according to the special buyer's request too!

CALIBER

Cal. 5.56x45mm

HP (High Pressure)

bullet weight 5,5g (85gr)

BALLISTIC DATA

P max (bar)
4 836 ±207
Used only for proof testing 5.56x45mm caliber weapon



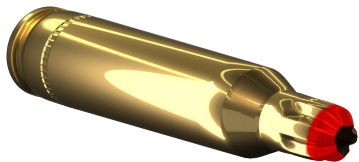
TECHNICAL DATA

Element	Bullet		Cartridge case	Propelling charge	Primer
	Jacket	Core			
Material	Tombac	Lead antimony	Brass	Spherical	Boxer non corrosive

Packaging

Version 1	Version 2
<ul style="list-style-type: none">• 20 rounds in cardboard box• 50 cardboard boxes in metal box M2A1• 2 metal boxes (2000 rounds) in wire bound wooden box	<ul style="list-style-type: none">• 20 rounds in cardboard box• 10 cardboard boxes (200 rounds) in PVC bag• 10 PVC (2000 rounds) bags in wooden case

Packaging and marking could be done according to the special buyer's request too!



CALIBER

Cal. 5.56 mm
M200 BLANK



BALLISTIC DATA

Cyclic rate			
Weapon	BFA	Min	Max
M16A1 & M16A2 Rifles	M15A2	550	920
M249 Machine Gun	M15A2	650	950
Used for 5.56x45mm weapon caliber			

TECHNICAL DATA

ELEMENT	MATERIAL	Weight (g)	Length (mm)
Cartridge case	Brass	~6,20	48,6
Propelling charge	For blank ammunition	0,50	-
Primer	Boxer non corrosive	0,23	3,10
Cartridge		Average Q (100) ± 0.4g	48,2

Packaging

Version 1

- 20 rounds in cardboard box
- 50 cardboard boxes in metal box M2A1
- 2 metal boxes (2000 rounds) in wire bound wooden box

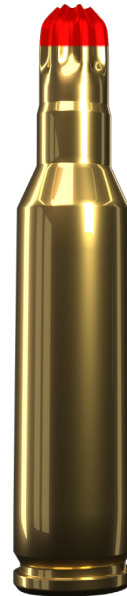
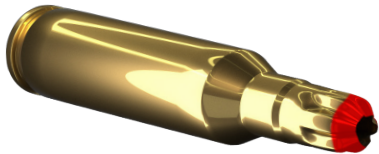
Version 2

- 20 rounds in cardboard box
- 10 cardboard boxes (200 rounds) in PVC bag
- 5 PVC bags (1000 rounds) in carton case

Version 3

- 200 rounds in metal link belt (M27)
- 4 metal link belts in metal box M2A1 (800 rounds)
- 2 metal boxes wire bound wooden box (1600 rounds)

Packaging and marking could be done according to the special buyer's request too!



CALIBER

Cal. 5.56 mm
M200A1 BLANK

BALLISTIC DATA

Cyclic rate			
Weapon	BFA	Min	Max
M16A1 & M16A2 Rifles	M15A2	550	920
M249 Machine Gun	M15A2	650	950
Used for 5.56x45mm weapon caliber			

TECHNICAL DATA

ELEMENT	MATERIAL	Weight (g)	Length (mm)
Cartridge case	Brass	~6,74	53,7
Propelling charge	For blank ammunition	0,46	-
Primer	Boxer non corrosive	0,23	3,10
Cartridge		Average Q (100) ± 0.4g	53,5

Packaging
Version 1
<ul style="list-style-type: none">• 20 rounds in cardboard box• 50 cardboard boxes in metal box M2A1• 2 metal boxes (2000 rounds) in wire bound wooden box
Version 2
<ul style="list-style-type: none">• 20 rounds in cardboard box• 10 cardboard boxes (200 rounds) in PVC bag• 5 PVC bags (1000 rounds) in carton case
Version 3
<ul style="list-style-type: none">• 200 rounds in metal link belt (M27)• 4 metal link belts (800 rounds) in metal box M2A1• 2 metal boxes (1600 rounds) in wire bound wooden box

Packaging and marking could be done according to the special buyer’s request too!