

CARTRIDGE, .50

- Ball, M33
- Tracer, M17
- Metal Blank, M1A1
- Armour Piercing Incendiary (API), M8
- Armour Piercing Incendiary Tracer (APIT), M20
- Armour Piercing Hard Core Incendiary (APHCI)



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Technical Data	Ball	Tracer	API	APIT	APHCI	Metal Blank
Length (mm)	137	137	137	137	137	99
Complete Round Weight (g)	110	109	110	107	115	57
Muzzle Velocity at 24m (78 ft)	887 m/s (2,910 ft/s)	872 m/s (2,860 ft/s)	887 m/s (2,910 ft/s)	887 m/s (2,910 ft/s)	870 m/s (2,854 ft/s)	—
Maximum Chamber Pressure	379.3 MPa (55,000 psi)	372.4 MPa (54,000 psi)	379.3 MPa (55,000 psi)	379.3 MPa (55,000 psi)	379.3 MPa (55,000 psi)	—
Performance Equivalent	MIL-C-10190	MIL-C-1318	MIL-C-3066	MIL-C-3066	—	MIL-C-48623
Accuracy at 549m (600 yd)	Ave radii within 305 mm (12 in)	Ave radii within 508 mm (20 in)	Ave radii within 305 mm (12 in)	Ave radii within 305 mm (12 in)	Ave radii within 305 mm (12 in)	—
Tracer Performance	—	Trace not less than 1,463 m (1,600 yd)	—	Trace not less than 1,463 m (1,600 yd)	—	—
Incendiary Effect	—	—	Incendiary flash occurs 0.5 m (19.7 in) behind 4 mm (0.16 in) thick hardened and aged duraluminium plate at 160 m (175 yd)			—
Armour Piercing Capability	—	—	Penetrate a 20 mm thick special plate having a mean resistance of 130 to 140 kg/mm ² (HB 375 to 415) at 90 m (98.4 yd) from the muzzle.	Penetrate a 15 mm thick armour plate having a mean resistance of 104 to 138 kg/mm ² (HB 300 to 400) at 500 m (547 yd) from the muzzle at 35° angle of obliquity.		—



Packaging

Packaging	Linked, M9	Linked, M15A2
Inner Packing	100 rounds belt in a M2A1 metal box	80 rounds belt in a M2A1 metal box
Outer Packing	Two M2A1 metal boxes (200 rounds) in a wooden box with carrying loops	Two M2A1 metal boxes (160 rounds) in a wooden box with carrying loops
Dimension (mm)	370(L) x 325(W) x 210(H)	370(L) x 325(W) x 210(H)
Volume (m ³)	0.024	0.024
Gross Weight (kg)	34	27.3

*Manufacturer reserves the right to make technical changes.