



Product Specification

PS003830

Revision No: NEW ISSUE

CALIBER: Caliber .50 (12.7x99mm)

CARTRIDGE: M8 Armor-Piercing
Incendiary (API)



Manufactured to U.S. Military
Specifications:

- MIL-DTL-3066D
- MIL-STD-636
- MIL-STD-1916
- Drawing: 7670238

BULLET: 43 g (662 gr) FMJ (Copper)
Boat-Tail with Hardened Steel Core and
Incendiary Composition

VELOCITY:

- 855 ± 18 m/s (24 m from muzzle)
@ 21 ± 2 °C
- 2905 ± 60 ft/s (78 ft from muzzle)
@ 70 ± 2 °F

ACCURACY: Average Mean Radii

Maximum: 30.5 cm @ 548 m
(12 in @ 600 yds)

AVERAGE CHAMBER PRESSURE:

Maximum: 448 Mpa @ 21 °C
(65,000 psi @ 70 °F)

PENETRATION: Perforate Armor Plate

2.2 cm thick at 91 m (7/8 in at 100 yds)

BULLET EXTRACTION: Minimum of
90 Kg (200 lbs)

CASE: Brass (Copper Alloy No. 260)

PRIMER: 50M Boxer Style

TIP ID: Gray

OPERATING RANGE: -54 °C to 52 °C
(-65 °F to 125 °F)

PRIMER SEALANT: Yes

CASE MOUTH SEALANT: Yes

HEADSTAMP: LC manufacturer symbol
and the year of manufacture.

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

PACKAGING OPTIONS

- Bulk
- Linked