

**CALIBER:** Caliber .50 (12.7x99mm)

**CARTRIDGE:** M33 Ball



Manufactured to U.S. Military Specifications:

- MIL-DTL-10190F
- MIL-STD-636
- MIL-STD-1916
- Drawing: 7553097

**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

**BULLET:** 42.8 g (660 gr) FMJ (Copper)  
Boat-Tail with Mild Steel Core

#### **VELOCITY:**

- $855 \pm 9$  m/s (24 m from muzzle)  
@  $21 \pm 2$  °C or
- $2905 \pm 30$  ft/s (78 ft from muzzle)  
@  $70 \pm 2$  °F

**ACCURACY:** Average Mean Radii  
Maximum: 30.5 cm @ 548 m  
(12 in @ 600 yds)

#### **CHAMBER PRESSURE:**

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

**BULLET EXTRACTION:** Minimum of  
90 Kg (200 lbs)

**CASE:** Brass (Copper Alloy No. 260)

**PRIMER:** 50M Boxer Style

**TIP ID:** None

**Operating Range:** -54 °C to 52 °C  
(-65 °F to 125 °F)