



TECHNICAL DATA

COMPLETE ROUND

- Type: High Explosive
- Weight: 230 g
- Length: 103 mm
- Penetration: 63 mm mild steel at normal impact with antipersonnel fragmentation

PROJECTILE

- Material: steel
- Filler & Weight: Comp A5, 45 g
- Color: Olive drab with white markings and yellow ogive

FUZE

- PIBD M551

CARTRIDGE CASE

- M118

PROPELLANT

- M9, 330 mg

PRIMER TYPE

- M42/ Percussion M42/215

PERFORMANCE

- Maximum Range: 400 m (437.6 yds)
- Muzzle Velocity: 76 mps (250 fps)
- Arming Distance: 14 to 27 m

TEMPERATURE LIMITS

- Firing Temp range: -42.8°C to 51.6°C
- Storage Temp Range: -53.8°C to 73.9°C

NSN:

40 MM LOW VELOCITY HEDP CARTRIDGE M433



For use in Weapons: M79, M203, and other NATO type 40 mm grenade launchers. The cartridge is fired from the 40 mm grenade launchers M79, M203, HK79, and others.

Description: The M433 cartridge is a high explosive dual purpose (HEDP) impact type round which is designed to penetrate at least two inches of steel armor at 0 degree angle of obliquity and inflict personnel casualties in the target area. A PIBD fuze assembly with a copper cone liner is crimped into the open well of the projectile cavity.

PACKING DATA

Standard Packing:

5 rounds per 1 bandoleer
12 bandoleers per box
60 rounds per box
Packing box weight: 24.3 kg
Packing box dimensions: 45.1 x 36 x 29 cm
Cube: 0.05 m³

Hazard Class/Division & Storage

(04) 1.1 E
UN Serial Number: 0006
DODAC: 1310-B546

P.O. Box 609
Washington Grove, MD 20880-0609 U.S.A
Phone: 301-590-9110
Fax: 301-590-9732