



TECHNICAL DATA

COMPLETE ROUND

- Type: Parachute, white star
- Weight: 0.49 lb.
- Length: 5.272 in

PROJECTILE

- Material: Impact or bar alloy aluminum
- Filler & Weight: Illum comp: 93 g
- Color: White with black markings
- Average Candlepower: 90,000

PROPELLING CHARGE

- Cartridge Case: M195
- Propellant: M9, 330 mg
- Primer Type: Percussion, M42

PERFORMANCE

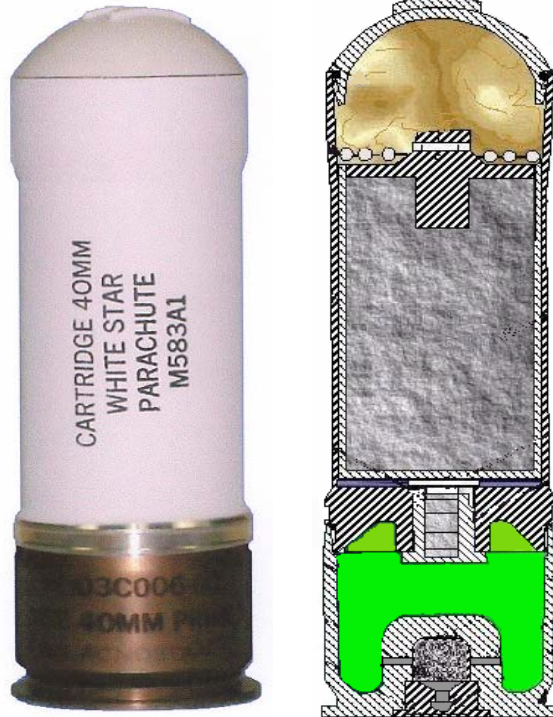
- Burst Height: 183 m
- Burn Time: appx. 40 seconds
- Muzzle Velocity: 76 mps

TEMPERATURE LIMITS

- Firing Temp range: -45°F (-42.8°C) to 125°F (51.06°C)
- Storage Temp Range: -65°F (-53.8°C) to 165°F (73.9°C)

NSN: 1310-00-922-9780

40 MM LOW VELOCITY M583A1 WHITE PARACHUTE FLARE



For use in Weapons: M203, M79, H&K69 and other compatible NATO qualified low velocity 40 mm grenade launchers.

Description: The M583A1 White Star parachute Round consists of a cartridge case assembly and a metal projectile body containing a first fire charge, a pyrotechnic delay column, an ejection charge, an illumination candle, and a parachute assembly. Upon firing, the projectile assembly is propelled to an average height of 600 feet, the first charge ignites the pyrotechnic delay element, which then ignites an ejection charge that effectively launches and ignites the illumination candle attached to the parachute. The signal provides an average 90,000 candle power for 30 to 40 seconds.

PACKING DATA

22 rounds per metal box

2 metal boxes (44 rounds)

Packing box weight: 45.9 lbs.

Packing box dimensions:

37.15x32.54 x23.18 cm

Cube: 0.03 m³

Hazard Class/Division & Storage

Compatibility Group: 1.4 G

UN Serial Number: 0312

DODAC: 1310-B535

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