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GRENADE 40mm HEAP



Technical Specification:

• Mass of Round: 240gm

• Length, Max: 104mm

• Mean Muzzle Velocity: 76 ± 3 m/s

• Effective Mean Range: 375m

• Functioning Temperature: -20°C to +45°C

• Fuze: PIBD (Point Initiating Base Detonation)

• Fuze arming distance: 8m to 28m

• Accuracy at 75m: Within 0.95m x 0.95m

• Lethality radius: 5m

• Shelf-life: Min 10 Years

Application:

- Used against personnel and soft targets.
- Fired from 40mm MGL/UBGL Weapon

GRENADE 40mm HEDP



Technical Specification:

Mass of Round: 240gmLength, Max: 104mm

• Mean Muzzle Velocity: 76 ± 3 m/s

Effective Mean Range: 375m

Functioning Temperature: -20°C to + 45°C

• Fuze arming distance: 8m to 28m

 \bullet Accuracy at 75m: Within 0.95m x 0.95m

• Penetration: 50mm Armour /65 mm MS Plate

Lethality radius: 5m

• Shelf-life: Min 10 Years



40 MM (HEDP)

Application:

- Used for Anti personal, Anti Armour (Penetration) & anti-fortification capabilities.
- Fired from 40mm MGL/UBGL Weapon

GRENADE 40mm RED PHOSPHOROUS



Technical Specification:

• Mass of Round: 240gm

• Length, Max: 104mm

• Mean Muzzle Velocity: 76 ± 3 m/s

• Effective Mean Range: 375m

• Functioning Temperature: -20°C to +45°C

• Fuze: PIBD (Point Initiating Base Detonation)

• Fuze arming distance: 8m to 28m

• Accuracy at 75m: Within 0.95m x 0.95m

• Lethality radius: 1.5m

• Shelf-life: Min 10 Years

Application:

Used for spreading smoke screen particles over a wide area and igniting the readily combustible material. It is extremely effective for the cleaning of trenches, bunkers & building, Fired from 40mm MGL/UBGL Weapon

GRENADE 40mm PRACTICE PRF



Technical Specification:

• Mass of Round: 240gm

• Length, Max: 104mm

• Main Charge: Inert

• Mean Muzzle Velocity: 76 ± 3 m/s

• Effective Mean Range: 375m

• Functioning Temperature: -20°C to +45°C

• Fuze: Plug representing fuze

• Accuracy at 75m: Within $0.95m \times 0.95m$

• Shelf-life: Min 10 Years



Application:

- Projectile hits the target without any explosion.
- The version is used for practice purpose.
- Fired from 40mm MGL/UBGL Weapon



MULTI MODE HANDE GRENADE



Technical Specification:

TBRL has designed and developed a
Multimode Hand Grenade against GSQR
Requirements to replace the existing M36
Grenade presently use by our services.
There was late ejection issue which was
resolved by OFK. The present design &
assembly process have been improvised by
OFK to overcome the Safety issues
recorded in different development phases.

Key Features

Grenade Body:

• length 83 mm (Max)

• Maximum diameter 63mm

• Diameter of the blast cup 46mm

• Mass of RDX/TNT (60:40) 92±2 gm

• Mass of the fragmenting sleeve 230 gm (approx.)

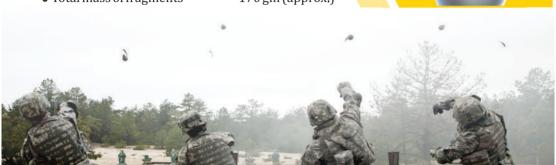
• Length of the fragmenting sleeve 77 ± 0.5 mm

• Total number of fragments 4000 (approx.)

• Material (Fragmenting sleeve) MS fragments in plastic matrix

• Mass of each fragment 45±5 mg

• Total mass of fragments 170 gm (approx.)







GRENADE ACTIVE TRAINING SYSTEM (36ATS)



GRENADE 36 HE

- Hand thrown & Non-lethal ammunition
- Reusable (up to 6 throw)

Technical Parameters

- Grenade body : Cast iron
- Delay time of ATS Grenade: 4.00 to 5.5 sec
- Mass of Round: 680 gMain Charge: HES
- Detonator: 4 Sec delay (Polycoated)
- Dentity: with colour yellow

FOR HAND GRENADE 36M

The 36 ATS has been specially designed for Training / Practice purpose. It is ideal for handling & lobbing by fresh recruits as we as veterans without exposure to dangers of high explosive practicing. grenades. The 36 ATS Grenades is made out of real grenade body and striker mechanisms thus for all practical purpose.

Technical Specification:

- Made of Original Components of Grenade 36M.
- Sound and delay matched with 36M.
- Hand / Rifle application.
- Field Serviceable
- Repeated use.
- Safe for Training / Practice
- Only Detonator is consumable
- Non-Lethal / No fragments even if drops nearby.

Prospective Users:

- Military Training Academy / Institute of Armed Forces
- MHA / Police Units.
- Para Military Forces.

HAND GRENADE 36 M (ATS) - TRAINING PURPOSE

- An anti-personnel ammunition of fragmentation type, Hand thrown.
- Ranges from 23 to 27 m.
- Effective radius of 27.5m.

Technical Parameters

Grenade body Cast iron, segmented externally

for better Fragmentation

Explosive TNT

Detonator 4 second delay (hand grenade)

Mass of grenade Hand - 680 g



Munitions India Limited [MIL] is Defence Public Sector Enterprise [CPSE] under the Ministry of Defence, Government of India.

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