



GRENADE



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 $+45^{\circ}\text{C}$
- Fuze: PIBD (Point Initiating Base Detonation)
- Fuze arming distance: 8m to 28m
- Accuracy at 75m: Within $0.95\text{m} \times 0.95\text{m}$
- Lethality radius: 5m
- Shelf-life: Min 10 Years
- Reliability 90%

Application:

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

GRENADE 40mm HEDP

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 $+45^{\circ}\text{C}$
- Fuze arming distance: 8m to 28m
- Accuracy at 75m: Within $0.95\text{m} \times 0.95\text{m}$
- Penetration : 50mm Armour /65 mm MS Plate
- Lethality radius: 5m
- Shelf-life: Min 10 Years
- Reliability 90%



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 $+45^{\circ}\text{C}$
- Fuze: PIBD (Point Initiating Base Detonation)
- Fuze arming distance: 8m to 28m
- Accuracy at 75m: Within $0.95\text{m} \times 0.95\text{m}$
- Lethality radius: 1.5m
- Shelf-life: Min 10 Years
- Reliability 90%

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 $+45^{\circ}\text{C}$
- Fuze: Plug representing fuze
- Accuracy at 75m: Within $0.95\text{m} \times 0.95\text{m}$
- 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



GRENADE 40MM HE WITH SELF DESTRUCTION



Technical Parameters :

- Calibre 40 mm
- Maximum Range 400 m
- Maximum Length 102 mm
- Weight of Round 250 g
- Weight of Explosive 40 g
- Explosive used RDX WAX (95:05)
- Type of Fuze Direct action with SD mechanism
- Arming distance 10 m-40 m
- Casualty Radius 7 m
- Muzzle velocity 76 m/s
- Self-destruction time 14 secs to 19 secs
- Operating conditions -20 °C to +55 °C
- Weapon 40mm UBGL (EX OFT), 40mm MGL(Ex SA) & (Ex OFT), 40mm UBGL (Ex Arsenal), 40mm UBGL (Ex Israel).
- Shelf life Minimum 10 yrs
- Reliability 90%

MULTI MODE HAND GRENADE

Key Features

Grenade Body :

- length 140mm
- 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 ± 0.5mm
- 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.)



GRENAD ACTIVE TRAINING SYSTEM (36ATS)



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 well 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.

GRENAD 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 g
- Main Charge : HES
- Detonator : 4 Sec delay (Polycoated)
- Dentity: with colour yellow

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



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