

40x46 mm Rounds **RLV-HEF** HE Fragmentation Grenade

NSN: 1310-50-000-1588

The 40x46mm **RLV-HEF** provides effective action against enemy troops in open terrain, light shelters, light defilade, and rooftops at distances from 40 m to 400 m.

The Rounds are compatible with:

- Underbarrel Grenade Launchers: ARSENAL UBGL-M6 / UBGL-M7 / UBGL-M16 / M203 / FN GL1 / HK269 / AG36 / and other launchers adopted to use lethal ammunition (combat types, e. g. - HEF / HEDP / AD / TB);
- Stand-alone Grenade Launchers: ARSENAL SAGL / HK169 / HK269 / FN GL-S / M320 / and other launchers adopted to use lethal ammunition (combat types, e. g. – HEF / HEDP / AD / TB);
- Multi-shot Grenade Launchers: Milkor MGL / M32 MGL / ARSENAL MSGL / and other launchers adopted to use lethal ammunition (combat types, e. g. - HEF / HEDP / AD / TB);



| TECHNICAL CHARACTERISTICS | RLV-HEF |
|--|--|
| Type | Low Velocity, High Explosive Fragmentation |
| Caliber, mm | 40 x 46 |
| Overall length, mm/in | max 102.5 mm / 4.0 in |
| Weight of Round, kg/lbs. | max 0.25 kg / 0.5 lbs. |
| Weight of Grenade, kg/lbs. | 0.192 kg / 0.4 lbs. |
| Explosive filling | A-IX-1 (RDX) |
| Weight of the explosive filling, kg/lbs. | 0.04 kg / 0.08 lbs. |
| Cartridge case material | Aluminum alloy |
| Primer type | Percussion, Boxer |
| Propellant charge | Double base powder |
| Fuzee | AF41 - point detonating, with time and super-quick and check action and self-destruction |
| Arming Distance, m | from 10 to 40 m |
| Self-Destruction Time, s | from 14 to 19 seconds |
| Details of arming function | 3 steps of safety |
| Muzzle Velocity, m/s | 76 |
| Max firing range, m | 400 |
| Radius of defeat, m | from 5 to 6 m |
| Operation Temperature Range, °C/°F | from -43°C to 52°C / -45.4°F to 125.6°F |
| CLASS OF EXPLOSION HAZARD: | 1.1E, UN 0006 |

| PACKING | |
|-------------------------------------|--|
| Number of rounds in one wooden case | 120 rounds 40 pcs packed in a metal airtight box 3 pcs. Metal box in a wooden case |
| Wooden case dimensions, mm/in | 875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in |
| Case weight, kg/lbs. | 47 kg / 103.6 lbs. |
| Case volume, m³ | 0.072 m³ |