

## 40x46 mm Round **RLV-HEDP-1** & **RLV-HEDP-2** High Explosive Dual Purpose Grenade

RLV-HEDP-1 NSN: 1310-50-001-4135

RLV-HEDP-2 NSN: 1310-50-001-5104

The 40x46 mm **RLV-HEDP-1** and **RLV-HEDP-2** are used to hit transport targets and light-armored objects. Capable of destroying enemy personnel, located in long-term emplacements, long-term camouflaged emplacements, bunkers, dugouts and buildings.

### **The RLV-HEDP-1 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 UGGL-M1 / 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 Mark 1L / Rippel XRGL / ARSENAL MSGL / and other launchers adopted to use lethal ammunition (combat types, e. g. - HEF / HEDP / AD / TB);

### **The RLV-HEDP-2 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);



## 40x46 mm Round RLV-HEDP-1 & RLV-HEDP-2 High Explosive Dual Purpose Grenade

TECHNICAL CHARACTERISTICS	RLV-HEDP-1	RLV-HEDP-2
Type	Low Velocity, High Explosive Dual Purpose	Low Velocity, High Explosive Dual Purpose
Caliber, mm	40 x 46	40 x 46
Overall length, mm/in	max 117 mm / 4.6 in	max 105 mm / 4.1 in
Weight of Round, kg/lbs.	max 0.285 kg / 0.62 lbs.	max 0.295 kg / 0.65 lbs.
Explosive filling	A-IX-1 (RDX)	A-IX-1 (RDX)
Cartridge case material	Aluminum alloy	Aluminum alloy
Primer type	Percussion, Boxer	Percussion, Boxer
Propellant charge	Double base powder	Double base powder
Fuzee type	AF413 - point detonating, time & super quick w/ check action & self-destruction	AF417 - point detonating, time & super quick w/ check action & self-destruction
Arming distance, m	from 10 to 40 m	from 8 to 28 m
Self-destruction time, s	from 14 to 19 seconds	from 14 to 19 seconds
Muzzle Velocity, m/s	76	76
Max firing range, m	400 m	400 m
Casual radius, m	5 m	5 m
Armor penetration, mm/in	50 mm / 1.9 in armor plate	50 mm / 1.9 in armor plate
Operation temperature range, °C	from -43°C to 52°C / - 45.4°F to 125.6°F	from -43°C to 52°C / - -45.4°F to 125.6°F
<b>CLASS OF EXPLOSION HAZARD</b>	<b>1.1E, UN 0006</b>	<b>1.1E, UN 0006</b>

PACKING	RLV-HEDP-1	RLV-HEDP-2
Number of rounds in one wooden case	84 rounds 28 pcs packed in metal airtight box 3 pcs. metal box in a wooden case	120 rounds 40 pcs packed in 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.	40 kg / 81.1 lbs.	52 kg / 114.6 lbs.
Case volume, m <sup>3</sup>	0.072 m <sup>3</sup>	0.072 m <sup>3</sup>