

40x46 mm Round **RLV- AD**

Anti-Diver Grenade

NSN: 1310-50-001-1690

The **RLV-AD** round is an in-water operation round used for protection of ships and harbors against enemies in the water.

The blast from the highly explosive composition creates a defeat effect within a 30 m radius and shock disorientation up to 100 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 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);



TECHNICAL CHARACTERISTICS	RLV-AD
Type	Low Velocity, Anti-diver
Caliber, mm	40 x 46
Overall length, mm/in	max 134 mm / 5.2 in
Weight of Round, kg/lbs.	max 0.27 kg / 0.59 lbs.
Explosive filling	TBC-3 (Thermobaric composition)
Primer type	Percussion, Boxer
Propellant charge	Double base powder
Cartridge case material	Aluminum alloy
Fuzee type	AF44 - point detonating, with time and super-quick action and self - destruction
Arming distance, m	from 10 to 40
Self-destruction time, s	max 27 seconds
Max firing range, m	400 m
Muzzle velocity, m/s	76
Detonating depth of Fuzee, m	from 5 to 15 m
Radius of defeat, m	about 30 m
Radius of Shock effect, m	about 100 m
Operational temperature, °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	84 rounds 28 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.	40 kg / 88.1 lbs.
Case volume, m ³	0.072 m ³