

40 mm Round **RLV-AD** Anti-Diver Grenade

NSN: 1310-50-001-2471



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 the Arsenal:

- UBGL / UBGL-1 / GP-25 / GP-30 / GP-34

Underbarrel Grenade launchers would be mounted on ARSENAL Assault Rifles:

AR-M1, AR-M1F, AR-M7F, AR-M9, AR-M9F, etc.;

and on AK-74, AKS-74, AKM, AKMS, AK 101, and AK 103;

TECHNICAL CHARACTERISTICS	RLV-AD
Type	Low Velocity, Anti-diver
Caliber, mm	40
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)
Cartridge case material	aluminum alloy
Fuzee type	AF44 - point detonating fuzee with distant arming, delay action and self-destruction
Arming distance, m	from 10 to 40 meters
Self-destruction time, s	max 27 seconds
Max firing range, m	400
Muzzle velocity, m/s	76
Detonating depth of fuzee, m	from 5 to 15 meters
Radius of defeat, m	about 30
Radius of shock effect, m	up to 100
Operation temperature degrees, °C/°F	from -50°C to 50°C / -58°F to 122°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