

40 mm Rounds **RLV-S&F/ RLV-S&F-1/ RLV-S&F-2** Sound & Flash Grenades

RLV-S&F = NSN: 1310-50-001-2383

RLV-S&F-1 = NSN: 1310-50-001-2482

RLV-S&F-2 = NSN: 1310-50-001-2482

The 40 mm Rounds **RLV-S&F**, **RLV-S&F-1** and **RLV-S&F-2** type are used to incapacitate criminals, handle hostage situations, and assist counter terrorist operations. The Grenade stuns and immobilizes the persons in the near vicinity by means of loud, temporarily paralyzing noise and blinding flash.

The Rounds are compatible with the Arsenal:

- UBGL / UBGL-1 / GP-25 / GP-30 / GP-34
- AVALANCHE Grenade Launcher - revolver type (**RLV-S&F only**)

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;



40 mm Rounds RLV-S&F, RLV-S&F-1 and RLV-S&F-2 with Sound & Flash Grenades

TECHNICAL CHARACTERISTICS	RLV-S&F	RLV-S&F-1	RLV-S&F-2
Type	40 mm Low Velocity, Sound & Flash	Low Velocity, Sound & Flash	Low Velocity, Sound & Flash
Caliber, mm	40	40	40
Overall length, mm/in	max 107.4 mm / 4.22 in	max 125 mm / 4.9 in	max 134 mm / 5.2 in
Weight of round, kg/lbs.	max 0.275 kg / 0.6 lbs.	max 0.28 kg / 0.6 lbs.	max 0.25 kg / 0.5 lbs.
Payload	pyrotechnical composition	pyrotechnical composition	pyrotechnical composition
Max effective range, m	400	400	not less than 100
Muzzle velocity, m/s	76	76	76
Candle power, cd	5. x 10 ⁶ cd	6. x 10 ⁶ cd	5. x 10 ⁶ cd
Sound intensity, dB	max 160 dB	max 160 dB	max 150 dB
Sound intensity at a distance 10 m, dB	135 dB	135 dB	130 dB
Fuzee type	AF49 - point detonation, time and super quick with check action and self-destruction	AF49 - point detonation, time and super quick with check action and self-destruction	-
Arming distance, m	from 10 to 40 m	from 10 to 40 m	-
Self-destruction time, s	from 14 to 19 seconds	from 14 to 19 seconds	-
Operation temperature range, °C/°F	from -50°C to 50°C / -58°F to 122°F	from -50°C to 50°C / -58°F to 122°F	from -50°C to 50°C / -58°F to 122°F
CLASS OF EXPLOSION HAZARD:	1.4E; UN 0412	1.4E; UN 0412	1.4E; UN 0412

PACKING	RLV-S&F	RLV-S&F-1	RLV-S&F-2
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	84 rounds 28 pcs packed in a metal airtight box 3 pcs. metal box in a 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	875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in	875 x 398 x 206 mm / 34.4 x 15.6 x 8.1 in
Wooden case weight, kg/lbs.	50 kg / 110.2 lbs.	40 kg / 88.1 lbs.	40 kg / 88.1 lbs.
Wooden case volume, m ³	0.072 m	0.072 m	0.072 m