

## 40 mm Rounds **RLV-CS-1** & **RLV-CS-2**

### CS composition

**RLV-CS-1 = NSN: 1310-50-001-2602**

**RLV-CS-2 = NSN: 1310-50-001-2597**

The 40 mm Rounds **RLV-CS-1** & **RLV-CS-2** are less lethal options that produce a gas cloud with concentration of irritants CS which causes severe irritation to the eyes, upper respiratory tract and skin.

The intended use is to temporarily incapacitate a person(s) use of physical aggressive activity or disperse crowds with the CS smoke cloud, making it difficult to breathe or see clearly due to the irritating nature of the CS gas.

**The Rounds are compatible with the Arsenal:**

- UBGL / UBGL-1 / GP-25 / GP-30 / GP-34
- AVALANCHE Grenade Launcher - revolver type

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-CS-1 / RLV-CS-2
Type	Low Velocity, CS
Caliber, mm	40
Overall length, mm/in	max 108 mm / 4.2 in
Weight of round, kg/lbs.	max 0.25 kg / 0.5 lbs.
Irritant agent	CS
Time of active gas emission, s	12 seconds minimum
Weight of pyrotechnical composition, kg/lbs.	0.05 kg / 0.1 lbs.
Necessary time for creation of active cloud, s	from 5 to 20
Max firing range, m	400 m
Muzzle velocity, m/s	76
Radius of defeat, m	approx. 100
Fuzee type	RLV-CS-1 / AF415 RLV-CS-2 / AF416
Arming distance, m	RLV-CS-1 / from 9 to 28 m RLV-CS-2 / from 10 to 40 m
Self-destruction time, s	from 14 to 19 seconds
Operation temperature, °C/°F	from -50°C to 50°C / -58°F to 122°F
<b>CLASS OF EXPLOSION HAZARD:</b>	<b>1.4G (6.1, 8); UN 0301</b>

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, m <sup>3</sup>	0.072 m