

**40x46 mm Rounds**  
**RLV-RS, RLV-GS, RLV-WS, RLV-YS**  
**Star Signaling Grenade**

**RLV-RS NSN: 1310-50-001-1738**

**RLV-GS NSN: 1310-50-001-1739**

**RLV-WS NSN: 1310-50-001-1740**

**RLV-GS NSN: 1310-50-001-1737**

40x46 mm Rounds with Star Signaling Grenades are used for creation of signals at the time of combat or special operations.

**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 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 Rounds RLV-RS, RLV-GS, RLV-WS, RLV-YS Star Signaling Grenade

TECHNICAL CHARACTERISTICS	RLV-RS / RLV-GS / RLV-WS / RLV-YS
Type	Low Velocity, signaling
Caliber, mm	40 x 46
Overall length, mm/in	max 103 mm / 4.0 in
Weight of round, kg/lbs.	max 0.24 kg / 0.5 lbs.
Payload	star charge
Star color	red (RS) / green (GS) / white (WS) / yellow (YS)
Primer type	Percussion, Boxer
Propellant charge	Double base powder
Cartridge case material	Aluminum alloy
Igniting system	pyrotechnical with time of delay from 1 - 2 seconds after launching
Star flight altitude, m	not less than 150 m
Time of intensive burning of the star, s	not less than 5
Visibility of signal, km/miles	not less than
- day time firing	2 km / 1.24 miles
- nighttime firing	5 km / 3.1 miles
Minimum angle of launching, degree	75°
Muzzle velocity, m/s	76
Operation temperature range, °C/°F	from -43°C to 52°C / -45.4°F to 125.6°F
<b>CLASS OF EXPLOSION HAZARD:</b>	<b>1.4G; UN 0312</b>

PACKING	RLV-RS / RLV-GS / RLV-WS / RLV-YS
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
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 <sup>3</sup>