

## 40x46 mm Rounds **RLV-SMK-2** & **RLV-SMK-4** Smoke Grenade

RLV-SMK-2 = NSN: 1310-50-001-2442

RLV-SMK-4 = NSN: 1310-50-001-4772

The Round **RLV-SMK-2** and **RLV-SMK-4** are used at distance up to 400 m to place a smokescreen or mark targets.

### 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-SMK-2 & RLV-SMK-4 Smoke Grenade

TECHNICAL CHARACTERISTICS	RLV-SMK-2	RLV-SMK-4
Type	Low Velocity, Smoke	Low Velocity, Smoke Bursting Red Phosphorous
Caliber, mm	40 x 46	40 x 46
Overall length, mm/in	max 103 mm / 4.0 in	max 103 mm / 4.0 in
Weight of round, kg/lbs.	max 0.225 kg / 0.49 lbs.	max 0.230 kg / 0.50 lbs.
Weight of the Grenade, kg/lbs.	max 0.175 kg / 0.38 lbs.	max 0.180 kg / 0.39 lbs.
Payload	Red phosphorous pyrotechnic composition	Red phosphorous pyrotechnic composition
Weight of payload, kg/lbs.	.032 kg / 0.07 lbs.	approx. 0.045 kg / 0.09 lbs.
Scatter radius, m	-	min 15 m
Smoke color	white	white
Time for smoke screen existence, s	not less than 20 seconds	-
Propellant charge	Double base powder	Double base powder
Cartridge case material	Aluminum alloy	Aluminum alloy
Primer type	Percussion, Boxer	Percussion, Boxer
Fuzee	AF49-Igniting Fuzee, point detonating with delay action, distance armed and self-destruction	AF411-point detonating with delay action, distance armed and self-destruction
Muzzle Velocity, m/s	76	76
Maximal firing distance, m	400 m	400 m
Arming distance, m	from 9 to 28 m	from 9 to 28 m
Self-destruction time, s	from 14 to 19 seconds	from 14 to 19 seconds
Operation temperature, °C/°F	from -43°C to 52°C / -45.4°F to 125.6°F	from -43°C to 52°C / -45.4°F to 125.6°F
<b>CLASS OF EXPLOSION HAZARD:</b>	<b>1.4G; UN 0303</b>	<b>1.4G; UN 0303</b>

PACKING	RLV-SMK-2 & RLV-SMK-4
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 gross weight, kg/lbs.	47 kg / 103.6 lbs.
Case volume, m <sup>3</sup>	0.072 m <sup>3</sup>