

# 40/106 mm Round **RSMK-7MA** with Smoke Grenade **GSMK-7MA**

RSMK-7MA  
NSN: 1310-50-001-3758

## ROUNDS FOR LIGHT ANTI-TANK RECOILLESS SYSTEMS – RPG's

### MAIN FEATURES:

The 40/106 mm Round **RSMK-7MA** with Smoke Grenade GSMK-7MA is intended for:

- marking targets;
- creation of smoke curtains for the needs of camouflage;
- Against the enemy for:
  - creation of insufferable conditions in closed areas
  - igniting points of fire
  - emitting smoke that blinds enemy's points of reconnaissance, surveillance and aimed fire.
- Aside from the smoke creation, the red phosphorous base compound also provides an incendiary effect.

### Performance:

- The Round consists of:
  - Grenade GSMK-7MA
  - Propellant Charge CP-73.
- The Grenade consists of:
  - Front Smoke part SMK-7MA
  - Sustainer motor SM-71
  - Point Detonating Fuze AF72
- 90 seconds of smoke



# 40/106 mm Round RSMK-7MA with Smoke Grenade GSMK-7MA

TACTICAL-TECHNICAL CHARACTERISTICS	RSMK-7MA
Caliber, mm	40 mm
Warhead caliber, mm	106 mm
Max sighting range, m/yds. (SGL-7MA with adjustable drum scale)	1,200 m / 1,312 yds.
Max direct fire range, m/yds. (Optical scale of SGL-7MA)	200 m / 218 yds.
Weight of Round, kg/lbs.	max 4.6 kg / 10.1 lbs.
Weight of the grenade, kg/lbs.	4.2 kg / 9.2 lbs.
Muzzle velocity, m/s	70 m/s
Fire rate, shots/min	from 4 to 6
Smoke color	white
Smoke composition type	SMK-1(based on Red phosphorous)
Weight of smoke composition, kg/lbs.	2.19 kg / 4.8 lbs.
Time of smoke creation, s	5 seconds max
Smoke duration, s	90 seconds
Volume of smoke cloud, m <sup>3</sup>	128 x 10 <sup>3</sup> min
Operation temperature range, °C/°F	from -40°C to 50°C / -40°F to 122°F
<b>CLASS OF EXPLOSION HAZARD</b>	<b>1.2G: UN 0015</b>

The Round consists of:	
Fuze	AF72 with super-quick and graze (anti-ricochet) function, independent of impact angle
Smoke Grenade	GSMK-7MA
Sustainer Motor	SM-71
Propellant Charge	CP-73

Weapon Systems
ARSENAL ATGL-L2 and Russian RPG-7V Light Anti-Tank Grenade Launchers

PACKING	RSMK-7MA
6 Rounds are packed in a wooden case as follows:	6 Grenades GSMK-7MA (each one in airtight plastic bag) 6 Propellant Charges CP-73 (each one in a plastic container; each 3 pcs. plastic containers in an airtight plastic bag).
Dimensions, mm/in	895 x 481 x 325 mm / 35.2 x 18.9 x 12.7 in
Weight, kg/lbs.	50 kg / 110.2 lbs.
Volume, m <sup>3</sup>	0.118 m <sup>3</sup>