

40/106 mm Round **RTB-7MA** with Thermobaric Grenade **GTB-7MA**

RTB-7MA
NSN: 1310-50-001-1187

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

MAIN FEATURES:

The 40/106 mm Round **RTB-7MA** with Thermobaric Grenade GTB-7MA is intended for defeat:

- of enemy manpower
- equipment placed mainly in:
 - field type shelters
 - battlefield fortifications
 - reinforced buildings
 - stone, brick or concrete fortifications
 - caves
 - and in the open;
- of light armored and unarmored vehicles;

Performance:

- combined destruction, both by rapidly forming high-pressure blast wave and thermal emission;
- point-detonating Fuze AF72
 - with super-quick and graze (anti-ricochet) function, independent of impact angle;
- max range – 1,200 m / 1,312 yds.



40/106 mm Round RTB-7MA with Thermobaric Grenade GTB-7MA

TACTICAL-TECHNICAL CHARACTERISTICS	RTB-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.
Direct-fire range, m/yds. (Optical scale of SGL-7MA)	200 m / 218 yds.
Weight of the 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
Operational temperature range, °C/°F	from -40°C to 50°C / -40°F to 122°F
CLASS OF EXPLOSION HAZARD:	1.1F, UN 0292

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

Weapons Systems
40 mm ARSENAL ATGL-L2 and Russian RPG-7V Light Anti-Tank Grenade Launchers.

PACKING	RTB-7MA
6 Rounds are packed in a wooden case as follows:	6 Grenades GTB-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 ³	0.14 m ³