

**40/90 mm RHEAT-7MA6**  
**with Anti-Tank Grenade GHEAT-7MA6**

RHEF-7MA6  
NSN: 1310-50-001-5629

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

**Improved, modernized version of High-Explosive Fragmentation Anti-Personnel Rounds for RPG-7V**

**Performance:**

- Higher accuracy and low dispersion;
- Max sighting range - 300 m.
- Designed for destroying tanks, armored and non-armored vehicles
- Used against enemy troops;
- Used against weapon emplacements in:
  - Trenches
  - field shelters
  - reinforced buildings
  - blindages
  - stone-, brick- or concrete-wall fortifications.



# 40/90 mm RHEAT-7MA6 with Anti-Tank Grenade GHEAT-7MA6

TACTICAL-TECHNICAL CHARACTERISTICS	RHEAT-7MA6
Caliber, mm	40 mm
Warhead caliber, mm	90 mm
Armor penetration, mm/in.	not less than 500 mm / 19.6 in.
Max sighting range, m/yds.	300 m / 328 yds.
Max firing distance, m/yds.	not less than 500 m / 546 yds.
Direct-fire range at 2m high target, m/yds.	250 m / 273 yds.
Weight of the round, kg/lbs.	max 2.8 kg / 6.1 lbs.
Weight of the grenade, kg/lbs.	2.4 kg / 5.2 lbs.
Average muzzle velocity, m/s	106 ± 3 m/s
Fire rate, shots/min	4÷6
Operational temperature range, °C/°F	from -40°C to 50°C / -40°F to 122°F
Fuze type	Piezoelectric AF79
Fuze arming distance, m/yds.	from 6 to 20 m / 6.5 to 21.8 yds.
<b>CLASS OF EXPLOSION HAZARD:</b>	<b>1.1E, UN 0181</b>

## WEAPON SYSTEMS

All 40 mm ARSENAL ATGL-L Family and Russian RPG-7V Light Anti-Tank Grenade Launchers.

PACKING	RHEAT-7MA6
6 Rounds are packed in a wooden case	6 Grenades GHEAT-7MA6 (each one packed in airtight plastic bag) are arranged in two layers in the wooden case, and  6 Propellant Charges CP-78 (each one packed in a plastic container, every 3 pcs. of plastic containers are packed in an airtight plastic bag).
Wooden case dimensions, mm/in	895 x 481 x 275 mm / 35.2 x 18.9 x 10.8 in
Case weight, kg/lbs.	42 kg / 92.5 lbs.
Case volume, m <sup>3</sup>	0.14 m <sup>3</sup>