

40/73 mm Round **RHEF-7MA** with High-Explosive Fragmentation Anti-Personnel Grenade **GHEF-7MA**

RHEF-7MA
NSN: 1310-50-001-1671

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

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

MAIN FEATURES:

The 40/73 mm Rounds **RHEF-7MA** are designed for destroying enemy troops and fire means:

- in the open
- in trenches
- in hasty field shelters or brick-wall fortifications
- against hostile unarmored motorized vehicles
- against infantry

Performance:

- The Grenade body with pre-fragmented elements;
- RHEF-7MA-over 1100 fragments, in weight 1.0...2.0 g
- Point-detonating Fuze AF76 or AF72
 - super-quick and graze (anti-ricochet) function, independent of impact angle;
- High-explosive incendiary action (at the customer's request).



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TACTICAL-TECHNICAL CHARACTERISTICS	RHEF-7MA
Caliber, mm	40 mm
Warhead caliber, mm	73 mm
Max range, m/yds.	1,200 m / 1,312 yds.
Direct fire range, m	150 m / 164 yds.
Weight of the round, kg/lbs.	max 4.6 kg / 10.1 lbs.
Weight of the grenade, kg/lbs.	max 4.2 kg / 9.2 lbs.
Muzzle velocity, m/s	70 m/s
Type of the explosive charge	A-IX-1 (RDX)
Weight of the explosive charge, kg/lbs.	max 0.8 kg / 1.7 lbs.
Fragmentation-prefabricated lethal fragments in weight 1.0...2.0 g, pcs	over 1,100
Fire rate, shots/min	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	AF76 with super-quick and graze (anti-ricochet) function, independent of impact angle
High-explosive Fragmentation Grenade	GHEF-7MA
Sustainer Motor	SM-71
Propellant Charge	CP-73

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

PACKING	RHEF-7MA
6 Rounds are packed in a wooden case as follows:	6 Grenades (each one in airtight plastic bag) 6 Propellant Charges (each one in a plastic container; each 3 pcs. plastic containers in an airtight plastic bag).
Dimensions, mm/in	895 x 481 x 275 mm / 35.2 x 18.9 x 10.8 in
Weight, kg/lbs.	50 kg / 110.2 lbs.
Volume, m ³	0.118 m ³