

40/65 mm Round RHEF-7LDMA
High-Explosive Fragmentation Long Distance
Anti-Personnel Grenade GHEF-7LDMA

RHEF-7LDMA
NSN: 1310-50-001-1672

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 40/65 mm Rounds **RHEF-7LDMA** 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;
- increased fragmentation:
 - RHEF-7LDMA - over 400 fragments, in weight 1.0...2.0 g;
 - RHEF-7MA - over 1,100 fragments, in weight 1.0...2.0 g;
- Point-detonating Fuze AF76 or AF72
 - with super-quick and graze (anti-ricochet) function, independent of impact angle;
- increased max range RHEF-7LDMA – 2,000 m / 2,187 yds.;
- high-explosive incendiary action (at the customer's request).



40/65 mm Round RHEF-7LDMA

High-Explosive Fragmentation Long Distance Anti-Personnel Grenade GHEF-7LDMA

TACTICAL-TECHNICAL CHARACTERISTICS	RHEF-7LDMA
Caliber, mm	40 mm
Warhead caliber, mm	65 mm
Max range, m/yds.	2,000 m / 2,187 yds.
Direct fire range, m/yds.	250 m / 273 yds.
Weight of the round, kg/lbs.	max 3.19 kg / 7.0 lbs.
Weight of the grenade, kg/lbs.	max 2.71 kg / 5.9 lbs.
Muzzle velocity, m/s	100 m/s
Type of the explosive charge	A-IX-1 (RDX)
Weight of the explosive charge, kg/lbs.	max 0.6 kg / 1.3 lbs.
Fragmentation-prefabricated lethal fragments in weight 1.0...2.0 g, pcs	over 400
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 or AF 72 with super-quick and graze (anti-ricochet) function, independent of impact angle
High-explosive Fragmentation Grenade	GHEF-7LDMA
Sustainer Motor	SM-71
Propellant Charge	CP-77

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

PACKING	RHEF-7LDMA
6 Rounds are packed in a wooden case as follows:	6 Grenades GHEF-7LDMA (each one in airtight plastic bag) 6 Propellant Charges CP-77 (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.	40 kg / 88.1 lbs.
Volume, m ³	0.118 m ³