

73 mm Round **RHEF-9MA1** with High-Explosive Fragmentation Anti-Personnel Grenade GHEF-9MA1

RHEF-9MA1
NSN:1310-50-001-1626

ROUNDS FOR HEAVY ANTI-TANK RECOILLESS SYSTEMS

Improved, modernized version of High-Explosive Fragmentation Anti-Personnel Rounds for SPG-9

MAIN FEATURES:

The 73 mm Round **RHEF-9MA1** is a powerful ammunition designed for destroying enemy troops and fire means:

- in the open
- in trenches
- in hasty field shelters
- brick-wall fortifications
- light armored vehicles
- infantry.

Performance:

- the Grenade body with pre-fragmented elements.
 - This innovation vigorously improves several times the destructive power and effectiveness of the Round upon impact.
- increased fragmentation:
 - over than 1.000 fragments, in weight 1.0...2.0 g;
- point-detonating fuze AF77
 - with super-quick and graze (anti-ricochet) function, independent of impact angle.
- High-explosive action



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TACTICAL-TECHNICAL CHARACTERISTICS	RHEF-9MA1
Caliber, mm	73 mm
Max firing range, m/yds.	4,500 m / 4,921 yds.
Weight of the round, kg/lbs.	5.48 kg / 12.0 lbs.
Weight of the grenade, kg/lbs.	3.68 kg / 8.1 lbs.
Muzzle velocity, m/s	316 m/s
Type of explosive filling	RDX (A-IX-1)
Weight of explosive filling, kg/lbs.	0.75 kg / 1.6 lbs.
Fragmentation-prefabricated lethal fragments in weight 1.0...2.0 g, pcs	over 1,000
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	AF77
High-explosive Fragmentation Grenade	GHEF-9MA1
Propellant Charge	CP-92

Weapon Systems:
All 73 mm ARSENAL ATGL-H and Russian SPG-9 Anti-Tank Grenade Launchers

PACKING	RHEF-9MA1
6 Rounds are packed in a wooden case as follows:	6 Grenades GHEF-9MA1 (each one in airtight plastic bag) 6 Propellant Charges (each one in a plastic containers).
Dimensions, mm/in	1065 x 525 x 305 mm / 41.9 x 20.6 x 12.0 in
Weight, kg/lbs.	64 kg / 141.0 lbs.
Volume, m ³	0.17 m ³