

ANTI-TANK ROCKET

Grenade Rifle HEAT P-2 MK1 (RG-1)

This is a Rocket Boosted High Explosive Grenade used with 7.62 mm calibre weapons. A plastic aiming grid is used as range finder.

DATA

Length of round	425 mm.
Weight of round	0.786 kg.
Calibre of warhead	75 mm.
Weapon used	7.62 mm. Rifle G3, with a special propellant cartridge.
Fuze	Point detonating noze fuze

PERFORMANCE

Muzzle velocity	75 metres/sec.
Penetration	Steel plate 275 mm. thick
Effective range	200 metres
Arming	The fuze is armed 2 to 8 metres from the muzzle end

PACKING

Each round sealed in a polythene bag and place in a chipboard container. 10 rounds packed in a wooden box:

Size of box	52x24x57 cm.
Weight of box	29 kg.
Colour & marking	Service brown with yellow/white stencilling

ANTI-TANK ROCKET

73 MM FSRA HEAT SPG9 (RAAD)

73 mm FSRA Heat round is a Fin Stabilised Rocket Assisted High Explosive Anti-Tank ammunition fired from its smooth bore Recoilless Launcher, 73 mm.



DATA

Length of rocket	1131 mm.
Weight of rocket	4.6 kg.
Weight of projectile	2.7 kg.
Type and weight of charge	RDX WAX, 0.31 kg.

PERFORMANCE

Maximum range	1300 metre
Effective range	800 metre
Velocity (rocket booster) at 300 meter	690 ± 20 metre/sec.
Muzzle velocity at 300 metre	415±12 metre/sec.
Penetration	300 mm. against RHA target at zero Obliquity, conforming to DEF-STAN 95-13/2
Accuracy at range 800 metres:	
SD (horizontal)	0.5 metre
SD (vertical)	0.5 metre

PACKING

Each warhead assembled with rocket motor placed in a polythene sleeve, while the expelling charge is separately placed in a nylon cylinder. 6 complete sets packed in a wooden box:

Size of box	102x50x32 cm.
Weight of box with 06 Rockets	45 kg.
Colour & marking	Service brown with yellow/white stencilling

ANTI-TANK ROCKET

40 MM HEAT P1 MK1 (RPG-7P)

This is an anti armour grenade usable against tanks, self propelled guns and fortifications. It is fired from the 40 mm recoilless rocket launcher, type 1969-1 or equivalent by loading through the muzzle end.

DATA

Length of rocket	925 mm.
Weight of rocket	2.2 kg.
Calibre of warhead	85 mm.
Calibre of tail unit	40 mm.

PERFORMANCE

Maximum range	500 metres
Effective range	330 metres
Maximum velocity	300 metres/sec.
Accuracy:	
Horizontal PE	0.75 metre
Vertical PE	0.75 metre
Penetration	0.23 to 0.30 metre thick armour plate

PACKING

Each rocket placed in a polythene sleeve/plastic container and 6 rockets packed in a wooden box:

Size of box	81x25.4x46.7 cm.
Weight of box	35 kg.
Colour & marking	Service brown with yellow/white stenciling



AIR BURST ANTI PERSONNEL ROCKET

Calibre 40 mm RPG-7AP

This is a shoulder fired rocket propelled grenade lethal enough to Kill soldiers and damage equipment within 15 meters radius. At ranges of 1500 meters it is fired from the 40 mm recoilless rocket launcher type 1969-1 or equivalent.

DATA

Calibre	40mm
Type of War Head	Steel Ball HE Shell
Weight of Projectile	2.85 Kgs
Number of Steel Balls	850 Nos

PERFORMANCE

Max Pressure	87.28 Mpa
Max Range	1500Mtrs
Dispersion / Accuracy	
PE range	1/100
PE lateral	1/150
Lethal Radius	≥15M
Air Burst Rate	90%
Air Burst Height	0-2M
Velocity at Muzzle	95m/sec.

PACKING

Each rocket is packed in fiber glass container and six containers packed in a wooden box.

Size of box	81x25.4x46.7 cm
Weight of box	35 Kgs
Color of marking	Service brown with yellow / white Stenciling



ARTILLERY AMMUNITION

ROCKET 122MM HE (MBRL) YARMUK

Rocket 122mm HE (MBRL) is a ground to ground free flight artillery rocket fired from multi-tube or single-tube launcher. It is used against personnel and light material, providing both fragmentation and blast effect.

DATA

Calibre	122 mm.
Weight of filled warhead	18.4 kg. without fuze 19.4 kg. with fuze
Weight of propellant	20.4 kg. double base
Total length of rocket	2875 mm.
Weight of complete rocket	66 kg. (approx)
Weight of bursting charge	6.0 kg. Compo B

PERFORMANCE

Muzzle velocity	400 metre/sec.
Max. time of flight	78 sec.
Range of rocket	20 km.
Max. range without brake ring	20580 metre
Max. range with small brake ring	15890 metre
Max. range with large brake ring	11990 metre
Accuracy:	
PE in range and deflection	80 metres and 168 metres respectively when fired at an elevation of 833 R 49 metres and 93 metres respectively when fired at an elevation of 750 R
Back blast of rocket	50 metres rear
Functioning temperature	-30°C to +60°C

PACKING

Each rocket packed in a polythene sleeve and subsequently in a wooden box. Two brake rings kept in a pocket in the lid of the wooden box. Nose fuze packed in a separate chipboard container and also kept in the box:

Size of box	323x21x23 cm.
Weight of box	90 kg.
Colour & marking	Service brown with yellow/white stencilling

