

82 mm ROUND

with THERMOBARIC MORTAR BOMB



The round with a 82 mm mortar bomb fitted with a thermobaric warhead for all 82 mm caliber mortars is intended for defeating the enemy manpower in the open and in urban shelters, fortifications, bad country and vehicles. It causes heavy damages and impossibility to deliver combat thus minimizing civilian casualties. The peak overpressure achieved on bursting is 50 KPa in a radius of at least 7 m in the open, or within a closed room with a volume of 240 m³. Temperatures in excess of 800°C are generated. The high-explosive effect exceeds that of a conventional 82 mm HE bomb by between 40 and 60 per cent in the open and by over 200 per cent in enclosed spaces.

This mortar bomb is produced in cooperation with "Aheloy OPM" Bulgaria (e-mail: aheloy@mail.bol.bg)

TECHNICAL DATA

Caliber, mm	82
Length, mm	635
Weight, kg	3,900
Explosive	HMI/HAI
Explosive weight	3,5 kg TNT equivalent
Fuze	O-4M1, AR-MDH, M734A1 or other PD/MO type fuze
Mortars	All 82mm mortars excluding the automatic systems
Packing	UN certified single plastic container

BALLISTIC PERFORMANCE

Muzzle velocity, m/s	311
Range, m	4200
Precision in range (Epr), m	30
Side deflection (Epd), m	15
Number of charges	Up to 4 increments (celluloid)
Max. pressure	530 bar (with 4 increments)

CONTACTS

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