

81/82 mm, M91 HE mortar shell

TECHNICAL DATA:

Length of shell with fuze	480 mm
Mass of mortar shell with fuze	4100 g
Explosive charge is hexolite trotyl	(RDX/TNT)
Mass of explosive charge	850 g
Shell is assembled with impact fuze	UT M88 P1
Muzzle safety at lowest initial velocity is	70 m
Shell is completed with ignition cartridge and six increment charges	(0+6)
Ignition cartridge M94	waterproof
Reliable function of shell is obtained within temperature range of	-30°C to 50°C
High safety during transportation, handling and parachuting	



BALLISTIC DATA FOR MORTAR:

When using 81/82 mm Mortar M69 B-D, barrel length	1450 mm:
Maximum range (0+6)	6500 m
Minimum range (0)	100
Max mean operating pressure in mortar	647 bars
Killing range (1 penetration/m ²) radius	18 m

PACKING:

1 complete shell per carton	
5 cartons per wooden box	
Box dimensions	58 x 55 x 16 cm
Total mass	34 kg
Total volume	0,051 m ³