

81 mm, Mk11P1 HE mortar shell

TECHNICAL DATA:

Length of shell with fuze	478 mm
Mass of mortar shell with fuze	4100 g
Explosive charge	hexolite (RDX/TNT) or trotyl (TNT)
Mass of explosive charge	900 g
Fuze	impact, superquick, delay action UTU, M93-N
Muzzle safety at lowest initial velocity	50 m
Shell is completed with ignition cartridge and increment charges.	
Safe operational temperature range	-46°C to +63°C.
High safety during transportation, handling and parachuting.	

BALLISTIC DATA:

When using 81mm Mortar, barrel length 1450 mm:

Maximum range	6500 m
Max mean operating pressure in mortar	618 bars
Killing range (1 penetration / m ²) - radius	18 m

The mortar shells can be fired from smooth bore mortar launchers.

PACKING:

1 complete shell per carton	
5 cartons per wooden case	
Dimensions of wooden case	582 x 557 x 154 mm
Gross weight	34 kg
Volume of wooden case	0,050 m ³

UN No	0321
Hazard class	1.2E



FUZE
UTU M93-N

