

81 mm, Mk11

HE mortar shell

TECHNICAL DATA:

Length of shell with fuze	478 mm
Mass of mortar shell with fuze	4,1 kg
Explosive charge hexolite	RDX/TNT or trotyl (TNT)
Mass of explosive	0,9 kg
Fuze	impact, superquick action, UT M88 P1
Muzzle safety at lowest initial velocity	70 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 81 mm 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
U N No.	0321
Hazard class	1.2E

FUZE
UT, M88P1

