

120 mm, Mk12PX-L HE mortar shell

TECHNICAL DATA:

Length of shell with fuze	855 mm
Mass of mortar shell with fuze	14975 g
Explosive charge	hexolite (RDX/TNT) or trotyl (TNT)
Mass of explosive charge	3100 g
Fuze	proximity, UMB M18
Muzzle safety at lowest initial velocity	50 m
Shell is completed with ignition cartridge and increment charges.	
Safe operational temperature range	-30°C to +50°C.
High safety during transportation, handling and parachuting.	

BALLISTIC DATA:

When using 120 mm mortar, barrel length 1900 mm:	
Maximum range	9100 m
Max mean operating pressure in mortar	1400 bars
Killing range (1 penetration/m ²) radius	24 m

When fired from the launcher with barrel length of 1500 mm and maximum pressure of 922 bars achieves the range of 7400 m. The mortar shells can be fired from smooth bore mortar launchers.

PACKING:

1 complete shell per carton	
2 cartons per wooden case	
Dimensions of wooden case	968 x 352 x 211 mm
Gross weight	571 kg
Volume of wooden case	0,063 m ³

UN No	0321
Hazard class	1.2E



FUZE
MBU M18

