



120mm M830A1 HEAT-MP-T

HIGH EXPLOSIVE ANTI-TANK, MULTI-PURPOSE
w/TRACER

Northrop Grumman is the US Government's lead provider of 120mm tank ammunition. Northrop Grumman has developed and produced its large-caliber ammunition for the US Army since 1979 and continues to be the preferred partner for their next-generation ammunition needs.

Description & Features

The M830A1 HEAT-MP-T was developed to replace the M830 HEAT round. It has demonstrated a 20-percent performance increase against bunkers and a 30-percent performance increase against light armored vehicles. The M830A1 uses a discarding sabot with sub-caliber warhead and a multifunction fuzing system. Its unique airburst capability is quickly selectable by the tank crewman. The unique fuzing options and fast flight time make this round the ultimate urban warfare warhead. Known commonly as "MPAT," it was the round of choice in Operation IRAQI Freedom.

Facts At A Glance

Physical Data

Cartridge Length	38.65" / 981mm
Cartridge Weight	54.41 lbs / 24.68 kg
Propellant Type	19 Perf Hex JA2
Propellant Weight	7.1 kg
Projectile Type	Tactical
Projectile Weight	11.4 kg
Projectile Length	778mm

Performance Data

Muzzle Velocity	1,400 m/s
Target Range	4,000 m
Chamber Pressure	5,600 bars