



01 / PRODUCT OVERVIEW

M110A2

155 mm white phosphorus smoke round M110A2 with propellant charge M3A1



FIG 01 PRODUCT CONFIGURATION

9800 m (M109/M126A1),
9800 m (M109A1/M185),
9800 m (M198/M199)

MAXIMUM RANGE

155 mm

CALIBRE

374.9 m/s (M109/M126A1),
374.9 m/s (M109A1/M185),
380.1 m/s (M198/M199)

PROJECTILE MUZZLE VELOCITY

44.17 kg

PROJECTILE MASS, TABULAR

01.1 / OVERVIEW

A separately loaded 155 mm round combining the white phosphorus projectile M110A2 with propellant charge M3A1 to create a smoke screen on the battlefield, fired from the 155 mm howitzers M109/M126A1, M109A1/M185 and M198/M199.

TYPE
Smoke

CALIBRE
155 mm

STANDARD
NATO

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M110A2 / AMMUNITION

IDENTITY AND CONSTRUCTION

Calibre	155 mm
Projectile muzzle velocity	374.9 m/s (M109/M126A1), 374.9 m/s (M109A1/M185), 380.1 m/s (M198/M199)
Projectile length, with fuze	702.5 mm
Projectile mass, tabular	44.17 kg
Fuze	UTIU M02P1, superquick or delay action
Filling	white phosphorus

BALLISTIC PERFORMANCE

Mean max pressure of powder gases	≤ 1593 bar (M109/M126A1), ≤ 1062 bar (M109A1/M185)
Maximum range	9800 m (M109/M126A1), 9800 m (M109A1/M185), 9800 m (M198/M199)
Operating temperature	-30 to +50 °C

DIMENSIONS, MASS AND SUPPLY

White phosphorus mass	7.1 kg
Propellant charge mass	2.68 kg

ADDITIONAL TECHNICAL DATA

Primer	gun primer KT M82P2
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CONFIGURATION VIEWS

M110A2 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / with M3A1 charge

