



01 / PRODUCT OVERVIEW

M79 A1

130 mm HE shell M79 A1



FIG 01 PRODUCT CONFIGURATION

**26400 m (full charge);
18600 m (reduced charge)**

MAXIMUM RANGE

**930 m/s (full charge); 705
m/s (reduced charge)**

MUZZLE VELOCITY

**range PE $\leq$ 150 m;
lateral PE $\leq$ 20 m**

DISPERSION AT MAXIMUM RANGE

33.4 kg

PROJECTILE WEIGHT

01.1 / OVERVIEW

Separate-loaded 130 mm HE M79 A1 round for the M46 gun, with 930 m/s full-charge muzzle velocity and 26400 m maximum range.

TYPE

HE

CALIBRE

130 mm

STANDARD

Eastern

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

M79 A1 / AMMUNITION

IDENTITY AND CONSTRUCTION

Projectile weight	33.4 kg
Cartridge case weight	11.35 kg
Projectile length with fuze	655 mm
Cartridge case length	846 mm
Fuze	UTIU, M72 B1; UTIU, M02, impact, superquick and delay

BALLISTIC PERFORMANCE

Muzzle velocity	930 m/s (full charge); 705 m/s (reduced charge)
Maximum range	26400 m (full charge); 18600 m (reduced charge)
Max average pressure	3080 bar
Dispersion at maximum range	range PE <= 150 m; lateral PE <= 20 m
Temperature limits	firing -40 to 52 deg C; storage -40 to 60 deg C

DIMENSIONS, MASS AND SUPPLY

Packaging	1 round in a wooden case
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ADDITIONAL TECHNICAL DATA

Weapon compatibility	130 mm gun M46
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