



01 / PRODUCT OVERVIEW

M99

40x46 mm HEDP Grenade Launcher Round

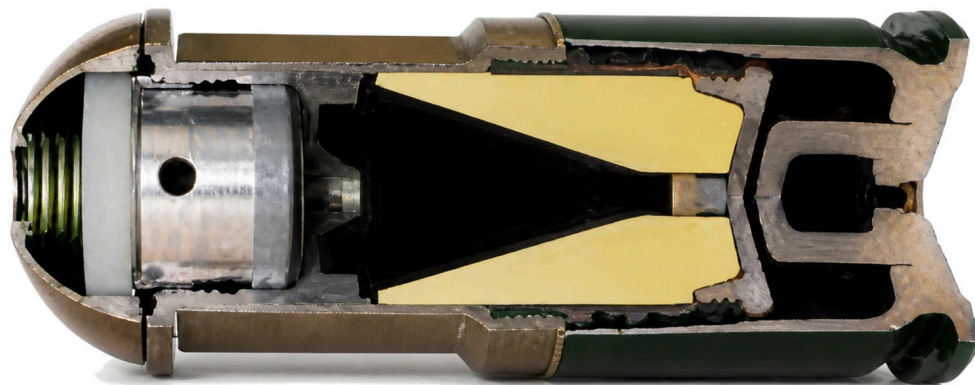


FIG 01 PRODUCT CONFIGURATION

78 m/s

MUZZLE VELOCITY

40x46 mm

CALIBRE

400 m

MAX RANGE

200 g

GRENADE MASS

01.1 / OVERVIEW

40x46 mm low-velocity high explosive dual purpose round penetrating 60 mm of steel plate with a lethal radius of at least 5 m.

TYPE
HEATCALIBRE
40x46 mmSTANDARD
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

M99 / AMMUNITION

IDENTITY AND CONSTRUCTION

Calibre	40x46 mm
Fuze arming distance	8 to 30 m

BALLISTIC PERFORMANCE

Muzzle velocity	78 m/s
Max range	400 m
Penetration	60 mm of steel plate
Operating temperature	-42 to +63 deg C

DIMENSIONS, MASS AND SUPPLY

Grenade mass	200 g
Explosive mass	42 g
Round length	max 106.5 mm
Packing	3 rounds per polyethylene bag, 54 bags in a wooden case, 16 cases on a pallet

ADDITIONAL TECHNICAL DATA

Precision on vertical target at 100 m	$V_p \leq 0.25$ m, $V_v \leq 0.35$ m
Lethal radius	≥ 5 m
Weapon compatibility	M203, M79 and similar 40 mm low-velocity grenade launchers