



01 / PRODUCT OVERVIEW

M99

40x46 mm HE Grenade Launcher Round

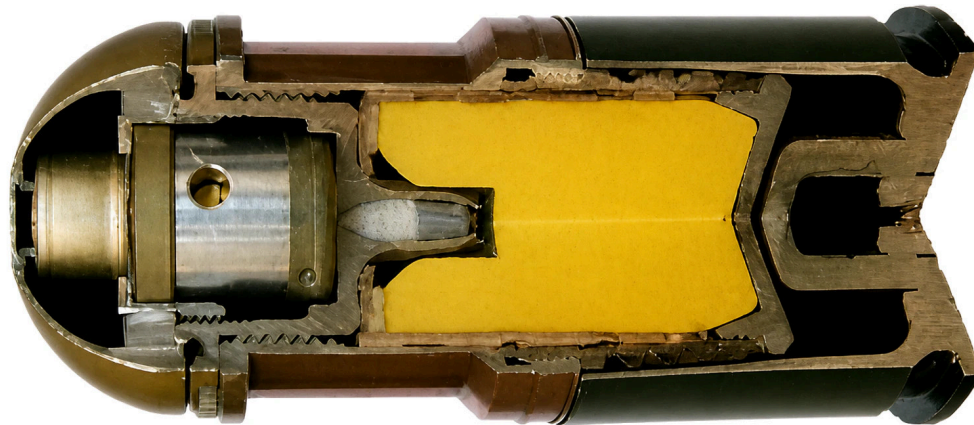


FIG 01 PRODUCT CONFIGURATION

78 m/s

MUZZLE VELOCITY

40x46 mm

CALIBRE

400 m

MAX RANGE

245 g

ROUND MASS

01.1 / OVERVIEW

40x46 mm low-velocity high explosive round with 48 g explosive charge, lethal radius at least 5 m and maximum range 400 m.

TYPE
HECALIBRE
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	14 to 27 m

BALLISTIC PERFORMANCE

Muzzle velocity	78 m/s
Max range	400 m
Operating temperature	-42 to +63 deg C

DIMENSIONS, MASS AND SUPPLY

Round mass	245 g
Grenade mass	192 g
Explosive mass	48 g
Round length	max 104.5 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	$V_p \leq 0.25 \text{ m}$, $V_v \leq 0.35 \text{ m}$
Lethal radius	$\geq 5 \text{ m}$
Weapon compatibility	M203, M79 and similar 40 mm low-velocity grenade launchers



CONFIGURATION VIEWS

M99 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / sectioned

