



## 01 / PRODUCT OVERVIEW

# M99 P1

40x46 mm HE-SD Grenade Launcher Round

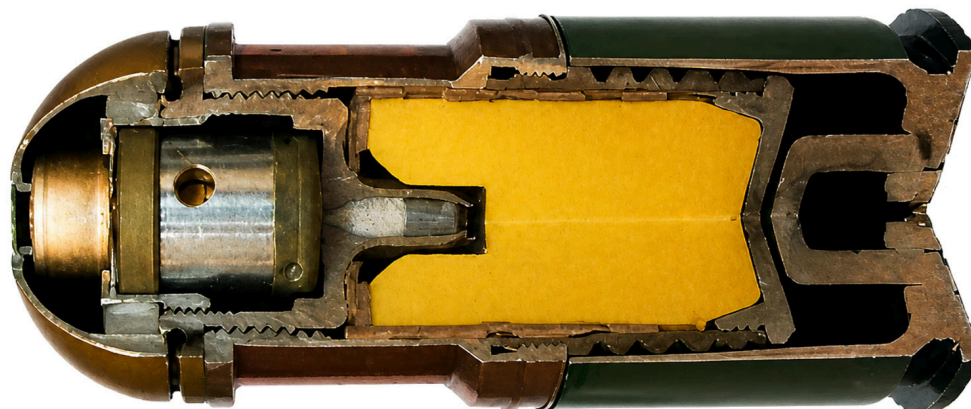


FIG 01 PRODUCT CONFIGURATION

**40x46 mm**

CALIBRE

**400 m**

MAX RANGE

**245 g**

ROUND MASS

**192 g**

GRENADE MASS

## 01.1 / OVERVIEW

40x46 mm low-velocity high explosive round with self-destructing fuze acting 12 to 20 s after firing.

TYPE

HE

CALIBRE

40x46 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

M99 P1 / AMMUNITION

## IDENTITY AND CONSTRUCTION

|                         |            |
|-------------------------|------------|
| Calibre                 | 40x46 mm   |
| Fuze arming distance    | 8 to 30 m  |
| Fuze self-destruct time | 12 to 20 s |

## BALLISTIC PERFORMANCE

|                       |                  |
|-----------------------|------------------|
| 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 | $V_p \leq 0.25$ m, $V_v \leq 0.35$ m                       |
| Lethal radius                         | $\geq 5$ m                                                 |
| Weapon compatibility                  | M203, M79 and similar 40 mm low-velocity grenade launchers |