01 / PRODUCT OVERVIEW

M72P3/M74P3

81/82 mm M72P3/M74P3 HE mortar bomb

FIG 01 PRODUCT CONFIGURATION

5070 m (0+6) (81/82 mm mortar M69 B-D, barrel length 1450 mm)	91 m (0)	50 m	3180 g
MAXIMUM RANGE	MINIMUM RANGE	MUZZLE SAFETY AT LOWEST INITIAL VELOCITY	MASS WITH FUZE

01.1 / OVERVIEW

81/82 mm high-explosive mortar bomb with 680 g fill and UT M93-N impact fuze giving 50 m muzzle safety.

TYPE	CALIBRE	STANDARD
HE	81/82 mm	Both

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.

All data provided for information purposes; final specification is defined per contract.

02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M72P3/M74P3 / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	400 mm
Mass with fuze	3180 g
Fuze	UT M93-N, impact
Ignition cartridge	M06, waterproof

BALLISTIC PERFORMANCE

Muzzle safety at lowest initial velocity	50 m
Maximum range	5070 m (0+6) (81/82 mm mortar M69 B-D, barrel length 1450 mm)
Minimum range	91 m (0)
Max. mean operating pressure	647 bars
Killing range (1 penetration/m2) radius	14 m
Operating temperature range	-30 deg C to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Mass of explosive charge	680 g
Packaging	1 shell per carton, 5 cartons per wooden box 54 x 44 x 16 cm, 29 kg, 0.038 m3

ADDITIONAL TECHNICAL DATA

Explosive charge	Hexolite / trotyl (TNT)
Increment charges	Ignition cartridge and six increment charges (0+6)

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