01 / PRODUCT OVERVIEW

M91

60 mm M91 illuminating mortar bomb

FIG 01 PRODUCT CONFIGURATION

4000 m (60 mm mortar, barrel length 1300 mm)	400 m (0)	2100 g	647 bars
MAXIMUM RANGE	MINIMUM RANGE	MASS WITH FUZE	MAX. MEAN OPERATING PRESSURE

01.1 / OVERVIEW

Long-range 60 mm parachute illuminating mortar bomb with 300 g candle giving 350000 Cd for 30 s out to 4000 m.

TYPE	CALIBRE	STANDARD
Illuminating	60 mm	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.

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

02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M91 / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	495 mm
Mass with fuze	2100 g
Fuze	TP M67, pyrotechnical time fuze
Ignition cartridge	M94, waterproof

BALLISTIC PERFORMANCE

Maximum range	4000 m (60 mm mortar, barrel length 1300 mm)
Minimum range	400 m (0)
Max. mean operating pressure	647 bars
Operating temperature range	-30 deg C to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Mass of illuminating candle	300 g
Packaging	1 shell per carton, 12 cartons per wooden box 50 x 35 x 20 cm, 27 kg, 0.035 m3

ADDITIONAL TECHNICAL DATA

Illuminating power	350000 Cd for 30 s
Increment charges	Ignition cartridge and six increment charges (0+6)

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