



01 / PRODUCT OVERVIEW

TB

120 mm TB thermobaric air-drop shell



FIG 01 PRODUCT CONFIGURATION

**-30 deg C to +55
deg C**

OPERATING TEMPERATURE RANGE

12650 g

MASS WITH FUZE

0.5 bar

OVERPRESSURE AT 5 M

610 mm

LENGTH WITH FUZE

01.1 / OVERVIEW

120 mm air-dropped shell for UAV release, filled with 2525 g insensitive PBX thermobaric explosive and plastic fins.

TYPE
Thermobaric

CALIBRE
120 mm

STANDARD
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.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

TB / AMMUNITION

IDENTITY AND CONSTRUCTION

Length with fuze	610 mm
Mass with fuze	12650 g
Fuze	UT M18, special impact fuze

BALLISTIC PERFORMANCE

Overpressure at 5 m	0.5 bar
Operating temperature range	-30 deg C to +55 deg C
Storing temperature range	-30 deg C to +70 deg C

DIMENSIONS, MASS AND SUPPLY

Mass of explosive charge	2525 g
Minimum discarding (release) height	50 m
Packaging	Two shells in cardboard tubes per wooden box 673 x 317 x 166 mm, 34 kg

ADDITIONAL TECHNICAL DATA

Explosive charge	Thermobaric explosive (PBX)
Lethal (kill) radius of fragments	20 m
Explosive insensitivity (MIL-STD-2105B)	Open flame / high temperature reaction type V (burning); impact of 12.7 mm AP ammunition reaction type V (burning)
Service life	15 years



CONFIGURATION VIEWS

TB / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / in packing crate

