

THERMOBARIC AIRCRAFT BOMB
Technical data:

Caliber, kg	500
Length without fuze, mm	2416
Weight of bomb without fuze, kg	497
Bomb diameter, mm	Ø400
Stabilizer fin span, mm	511
Distance between CG and bomb front section, mm	780
Characteristic time, s	20,38/12 and 20,44/22
Weight of thermobaric mixture, kg	180
TNT equivalent, kg	TNT ≥400
Suspension	Two-point suspension
Release height, m	900...12 000
Shock wave radius, m	to 60
Fuze	AVU-ETM, AVU-ET

Packing data:

Wooden crate:

Overall dimensions, mm	2557 x Ø720
Volume, m ³	1,04
Gross weight, kg	635

FUZE AVU-ETM

Weight, kg	1,92
Height, mm	210
Connecting thread diameter, mm	Ø52
Detonator weight, g	60
Fuze actuation time according to mode, s	Mode M – super quick Mode M3 – 0,01...0,04 Mode C3 – 0,06...0,09 Attack mode – 10...14,5
Fuze arming delay setting, s	Attack mode – 1,4...2,4 Mode П – 3,5...5,5 Mode M or M3 or C3 - 10...13,5
Fuze arming time, s	1,4...13,5

Packing data:

- 4 fuzes packed in an airtight metal box.
- 4 metal boxes packed in one wooden box.

Wooden box overall dimensions, mm	644 x 610 x 175
Volume, m ³	0,07
Gross weight, kg	52

