

# TG-1

## Thermobaric hand grenade

Thermobaric hand grenade TG-1 is intended to defeat enemy troops and equipment located mainly in closed and semi-closed area, trenches, field shelters, buildings and open area, as well as light armored and unarmored vehicles.

Body of grenade is made of aluminum, cylindrical shape, loaded with 300 g of thermobaric mixture.

Hold the grenade firmly, keeping EOT handle pressed with hand, and pull out safety ring. After throwing and delay time 3-4 seconds, detonator is activating thermobaric mixture. The damage factors of grenades are excessive pressure in the front of the shock wave and the temperature of the explosion products cloud.

### TECHNICAL DATA:

- Height 133 mm
- Diameter 60 mm
- Excessive pressure in the shock front at a distance:
  - 1 m not less than 1 atm (98.07 kPa)
  - 5 m not less than 0.31 atm (30 kPa)
- Cloud radius not less than 1.2 m
- The volume of damage indoors is at least 8 m<sup>3</sup>
- Weight of thermobaric mixture 0.3 kg
- Cloud temperature not less than 2200°C

### TRANSPORT PACKING:

- Waterproof carton box
- Inner packing: welded PE bag
- Box dimensions: 380 x 340 x 75 mm
- Number of units in the box: 12 pcs
- Gross weight of the transport packing: 7kg

