

# HAND GRENADE 86 (HGR86)



The hand grenade 86 (HGR86) is a lightweight hand grenade with high safety features. The 16 g explosive charge functions after 3.0 sec to 5.0 sec delay time in a temperature range of  $-46^{\circ}\text{C}$  to  $+63^{\circ}\text{C}$ . This grenade lightens the soldier's load and reduces the probability of hazard to the operator especially in close quarters battle. The fragmentation of the defensive version can penetrate an aluminium plate at a distance of 5 m. The offensive version has a pressure effect up to 0.27 bar. A training system is also available.

## Key Characteristics

- Low weight
- Small dimensions
- Qualified by U.S. Navy Crane

## Status

- Globally in service with military forces

## Technical Data

Measurements (mm)	$\emptyset 44.5 \times 77$
Net explosive weight	16 g
Weight	180 g
Effect	fragmentation
Delay time ( $-46^{\circ}\text{C}$ to $+63^{\circ}\text{C}$ )	3.0 to 5.0 sec
Penetration/ $\text{m}^2$ on Al plate at 5 m distance	3
Pressure effect at 1.22 m	0.27 bar/4 psi
Ignition	Fly off lever

## Operational Area

- MOUT