

M330 GG46 Hand Grenade Smoke Screening (HGSS)



ON EVERY
MISSION

FACT SHEET:



KEY FACTS:

- The M330 Smoke Screening Hand Grenade is a “Burning” type munition that produces a dense cloud of white smoke in the visual spectrum for 90 to 150 seconds to screen and conceal the tactical small unit and degrade threat viewing capability.
- The grenade weighs 28.7 ounces and can be employed greater than 30 meters by the average Soldier from the standing position wearing combat equipment.
- The M83 TA “Practice” smoke hand grenade is the trainer for the M330 HGSS.
- The M330 is the approved replacement for the AN-M8 HC smoke hand grenade for hand employed tactical obscuration.
- DODIC: GG46

Capabilities/Characteristics:

- The M330 grenade “Burns” after fuze functions
- Utilizes the M201A1 Fuze with a time delay of 1.0-2.3 sec
- Weighs 28.7 ounces and can be thrown 30 meters by the average Soldier
- Provides 90-150 seconds of obscuration to screen and conceal.
- Recommended to be employed from the standing or kneeling position IAW TC 3-23.30 Grenades and Pyrotechnic Signals manual.

Note:

- The M330 HGSS will be used for combat operations.
- TRADOC and ACOM units will continue to train with the M83 TA smoke grenade for obscuration training.
- Units will refer to TC 3-23.30 before training with the M83 TA smoke hand grenade and comply with all safety and warning notices.

Stakeholders:

- Joint Program Executive Office Armaments & Ammunition (JPEO A&A)
- Maneuver Capabilities Development and Integration Directorate (MCDID)
- Development Command Armaments Center (DEVCOM AC)

Industry Partners:

- LAP: Pine Bluff Arsenal (PBA), Pine Bluff, AR
- Metal Parts: Tool Masters Inc (TMI) Tusculmbia, AL
- Fuze: Combined Systems Inc. (CSI), Jamestown, PA and Day & Zimmermann (D&Z), Texarkana, TX

Contact: Project Manager Close Combat Systems, Picatinny Arsenal, NJ • 520-693-7621

<https://jpeoaa.army.mil/Project-Offices/PM-CCS/>

DISTRIBUTION STATEMENT A. Approved for public release: distribution unlimited. PAO# 639-23