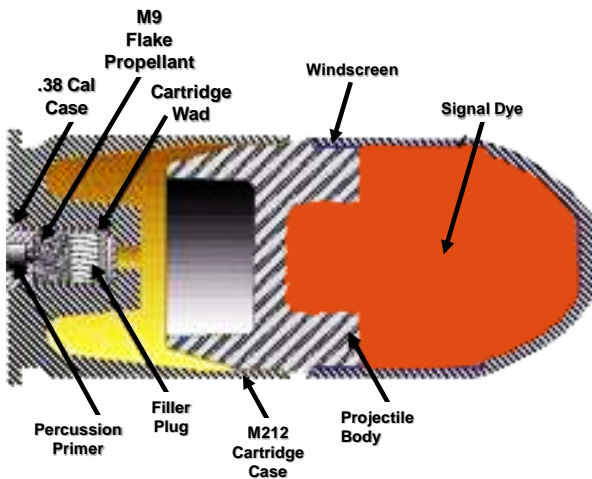


40MM M781 PRACTICE



M781 40mm Practice Grenade

The M781 40mm Practice Grenade was developed for realistic, low-cost training on the M203 Grenade Launcher. With a signal dye replacing the high explosive, the M781 provides our Warfighters with an effective training grenade.

The Grenade consists of the M212 Cartridge Case, Projectile Body, Orange Signal Dye, and Windscreen. The M781 has a max range of 400 Meters.

Used by permission. Photo by Cpl. Dan Hosack, USMC



AMTEC, with over 15 years experience as the U.S. 40mm system prime contractor, and the largest producer of 40mm Grenades in the world, is currently



under contract with the US Army to produce the M781 Practice Grenade, along with additional Grenades in both the Low and High Velocity family of 40mm. These include: Tactical, Training, Smoke, Illumination, and Non-Lethal.

AMTEC has delivered more than 28 Million M781 Practice Grenades to the US Army, Navy, Air Force and Marine Corps since 2006.

Characteristics	Details
Assembly Facility	AMTEC – Janesville, Wisconsin
Cartridge Case	40x46mm M212
Max Range	400 Meters
Muzzle Velocity	76 Meters/Sec
Specification/DODIC	MIL-DTL-63239/B519
NSN	1310-01-211-8073
Hazard Class/UN	1.4C/0362
Packaging	100 Cartridges in Wirebound Wood Box 2,000 Cartridges per Pallet

ASSEMBLY, LOAD, TEST

AMTEC, as the 40mm System Prime Contractor, is highly motivated to assure product excellence for our Joint Service Warfighters whose lives depend on our Grenades. We recognize the need for *Quality, Reliability, Ruggedness, and Performance* of the 40mm family of Grenades.

AMTEC 40mm Capabilities Include:

- *High Volume Assembly*
- *Cartridge Case Manufacturing*
- *Fuze Manufacturing*
- *Automated Inspection*
- *Digital X-ray*
- *Explosive Loading*
- *Test*
- *Pack and Ship*

AMTEC manufactures its products by following a proven ISO Quality System, managing core processes, and continuously improving these processes using Six Sigma and Lean Methodologies. AMTEC manages its Quality System by utilizing ISO 9001:2015 standard, including suppliers and subcontractors.

40mm Training	Quantity Produced	Spec Requirement	Quality Results
M781	>28 Million	4.5 ft/s Std Dev	2.2 ft/s Std Dev

AMTEC continues to exceed requirements for quality and reliability for 40mm Grenade Production



40MM M781 PRACTICE



With headquarters in Janesville Wisconsin, AMTEC, A National Defense Corporation Company, provides state-of-the-art facilities and equipment to supply ammunition systems, which include tactical & training ammunition, precision fuzing, firing devices, and initiators. The operations are specifically designed around safe ammunition build-up and handling with flexible manufacturing lines to handle multiple products. Consistent safe and reliable operations have instilled customer confidence in AMTEC products.

With over 15 years experience as the 40mm system prime contractor to the US Army, we understand Systems Management to assure a safe, effective, reliable product is produced, including Scheduling, Supply Chain, Inventory, Risk and TDP Management

Other AMTEC divisions include:

- **Amron** - World's leader in the production of medium caliber cartridge cases (brass, aluminum, and steel).
- **TechOrd** – Leading manufacturer of detonator, booster pellets, release cartridges and other energetic devices.

Spectra Technologies – AMTEC has a close working relationship with Spectra Technologies, another National Defense Corporation company. Spectra is expert at explosive processing and loading, ordnance manufacturing and assembly services

Low Velocity 40mm Grenades



M433 HEDP



M583A1



M781 Practice



M1006 Non-Lethal

AMTEC Family Of 40mm Grenades



M430A1 HEDP



M918 TP



M385 Practice



Mixed Belt

High Velocity 40mm Grenades