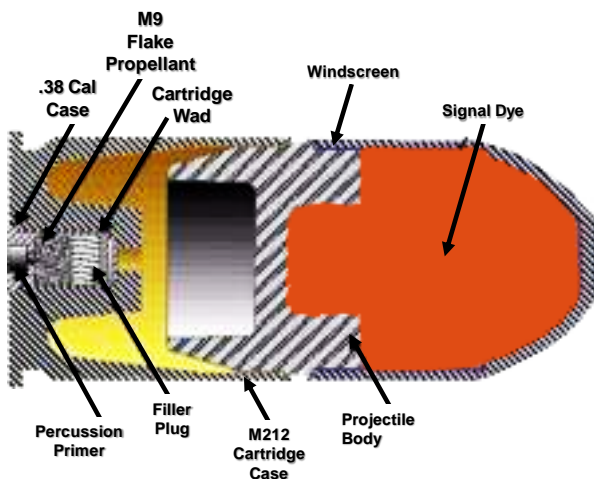


40MM M781 PRACTICE



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.



AMTEC, 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.

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

AMTEC has delivered more than 18 Million M781 Practice Grenades to the US Army, Navy, Air Force and Marine Corps since 2006.

This product is subject to export restrictions imposed by the US Government

Version 4 – Approved For Public Release (16-S-0030)

ASSEMBLY, LOAD, TEST

40MM M781 PRACTICE

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 9001:2008 standard, including suppliers and subcontractors.



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.

As 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.

Other NDC companies include:

- **Spectra Technologies** – Explosive processing and loading, ordnance manufacturing and assembly services
- **ALS** - Manufactures a complete line of less lethal products for law enforcement and corrections customers

40mm Training	Quantity Produced	Spec Requirement	Quality Results
M781	>18 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



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Low Velocity 40mm Grenades

AMTEC Family Of 40mm Grenades

High Velocity 40mm Grenades

