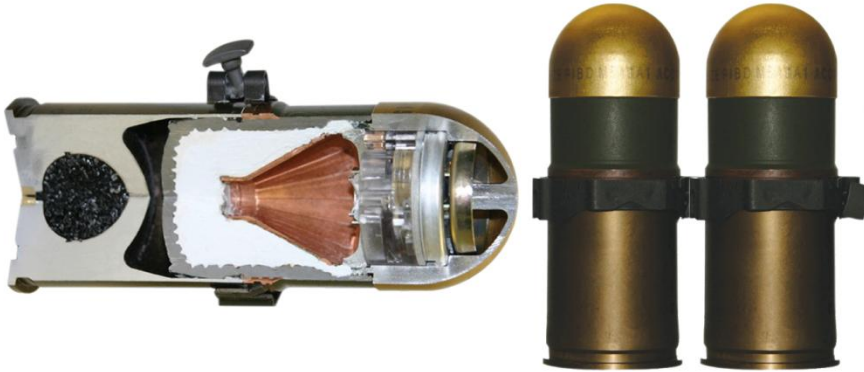
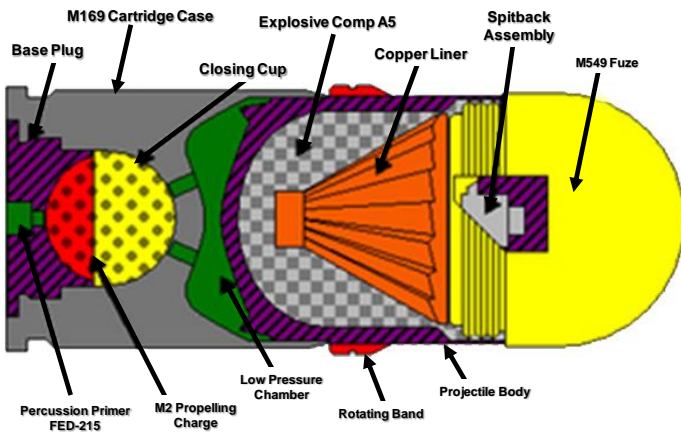


40MM M430A1 HEDP



M430A1 High Explosive Dual Purpose 40mm Grenade

The M430A1 HEDP 40mm Grenade is the High Velocity Grenade of choice for our Warfighters using the MK19 and MK47 Automatic Grenade Launchers. The Grenade consists of the M169 Aluminum Cartridge Case, M549A1 AMTEC Point Detonating Fuze, Copper Liner, Warhead Body with Fragmentation and CompA5 Explosive. The M430A1 is capable of defeating light Armor and Incapacitating Personnel, out to a range of 2,000 Meters.



Characteristics	Details
Assembly Facility	Spectra Technologies – Camden , Arkansas
Armor Penetration	76mm Steel
Cartridge Case - Manufacture	M169 40x53mm - Amron, Antigo Wisconsin
Max Range / Effective Range	2,200 Meters / 2,000 Meters
Muzzle Velocity	241 Meters/Second
Explosive Fill	Composition A5
Fuze - Manufacture	M549A1 - AMTEC, Janesville Wisconsin
Detonator - Manufacture	M55 – Tech Ord, Clear Lake South Dakota
Specification / DODIC	MIL-DTL-50863 / B542
NSN	1310-01-567-5540 (Wood Pallet) 1310-01-564-2160 (Metal Pallet)
Hazard Class / UN	1.1E / 0006
Packaging	32 Linked Cartridges in PA-120 Steel Container 1,536 Cartridges per pallet

AMTEC, the largest producer of 40mm Grenades in the world, is currently under contract with the US Army to produce the M430A1, 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 15 Million M430A1 Grenades to the US Army, Navy, Air Force and Marine Corps since 2006.

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 9001:2008 standard, including suppliers and subcontractors.

40mm Tactical	Quantity Produced	Spec Requirement	Quality Results
M433 40mm Low Velocity	>3 Million	.958	.993
M430A1 40mm High Velocity	>15 Million	.968	.995

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



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40MM M430A1 HEDP



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

Low Velocity 40mm Grenades



AMTEC Family Of 40mm Grenades



High Velocity 40mm Grenades