



Flexan

FLEXAN MILITARY ORDNANCE APPLICATIONS

Flexan provides critical rubber seals that are used in state of the art Air Bursting Munitions (ABM). ABM systems consist of a medium-caliber cannon, a gun control unit with inductive fuze setter, and a fire control system with air bursting ammunition (ABA). The inductive fuze programs the projectile to detonate at a precise range before the round is chambered. The gunner selects the exact range desired using an advanced laser range finder to determine the distance. Once the bullet exits the barrel, the tactically designed fuze technology computes the projectile's revolutions to determine the exact moment of detonation.

The platform or delivery system for this ammunition is a vehicle or aircraft mounted chain gun. This ammunition is currently in use with several branches of the U.S. military and can be found in weapons systems on:

- × U.S. Marines Expeditionary Fighting Vehicle
- × U.S. Navy's San Antonio Class LPD-17 amphibious ship
- × NATO armored and ground combat vehicles
- × Bradley Fighting Vehicle



Air bursting technology offers a strategic, tactical solution in an affordable, user-friendly design that can be scaled up or down for use with medium-caliber gun systems 25 - 50mm.



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THE FLEXAN SOLUTION

- ✘ One of only two domestic suppliers of piston seals for munitions applications in the U.S.
- ✘ Custom material blending with lot to lot consistency to ensure performance
- ✘ Registered with the US State Department and the Directorate of Defense Trade Controls (DDTC)
- ✘ In accordance with the Militarily Critical Technical Data Agreement (DD 2345) and the Department of Defense
- ✘ Custom formulated silicone to withstand extreme temperatures and pressure
- ✘ Custom tooling with cavity inserts for precision molding
- ✘ Cold flex testing to insure part performance

Flexan is well positioned to service your military, ordnance, and all your rubber needs. We look forward to earning your business.

For more information please contact your local Flexan Sales Representative or Brian Barhorst at 773-685-64446.

