

# AMMUNITION GUIDELINES

## GENERAL INFORMATION

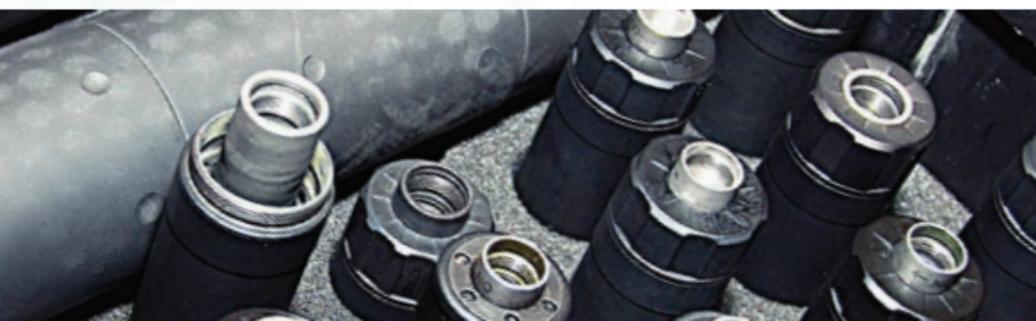
To maximize efficiency and reliability when using our silencer, it is imperative users **ONLY** employ **FACTORY LOADED** ammunition.

**▲ DO NOT fire frangible or pre-fragmented ammunition through any Advanced Armament Corp. silencer. Evidence of use of any frangible or pre-fragmented ammunition will void the warranty, and any repairs made necessary from the use of frangible or pre-fragmented ammunition will be invoiced to the owner.**

### ► GUIDELINES FOR RIMFIRE SILENCERS

For maximum noise reduction, it is necessary to use ammunition which will remain subsonic in YOUR host firearm. Most ammunition, with the exception of hyper velocity loadings, will remain subsonic when fired from a pistol length barrel. Rifle length barrels, due to their higher velocities, often require standard velocity or subsonic offerings to deliver the most quiet sound signature. European ammunition manufacturers such as Eley and RWS produce subsonic .22LR ammunition specifically for use in silencer equipped rifles. Two domestic .22LR loads known for quality and consistency are CCI Green Tag and Federal .22LR Olympic Match. They typically deliver match grade accuracy and a very pleasing sound when used with a silencer. Other more economical choices are standard velocity and subsonic offerings from Remington or CCI. They will remain subsonic in both rifles and pistols over a broad variety of environmental conditions, and produce the quietest sound signature when fired through a silencer.

**▲ We do caution against the use of 60 grain Sniper Subsonic (SSS) ammunition from Aguila, as it has a tendency to destabilize in .22LR barrels with a standard twist rate of 1 in 16. A de-stabilized projectile can yaw while traversing the length of the silencer and damage its internal components. Users that are interested in this heavy loading should contact the manufacturer and/or importer of Aguila ammunition for their recommendations on proper barrel twist rates to stabilize the 60 grain SSS projectile.**



## ▶ **Ti-RANT AND EVOLUTION SERIES**

To maximize efficiency and reliability when using a Ti-RANT or EVOLUTION Series pistol silencer, only use factory loaded, jacketed ammunition designed to remain subsonic when fired from YOUR host weapon. Subsonic ammunition will have a muzzle velocity below the speed of sound, and will provide the most pleasing sound signature when fired through a weapon with a mounted silencer. **DO NOT** use ammunition with exposed lead projectiles or reloads. Evidence of use of any reloaded ammunition or ammunition with exposed lead projectiles will void the warranty, and any repairs made necessary from the use of such ammunition will be invoiced to the owner.

**▲ DO NOT fire .22 rimfire ammunition through a Ti-RANT or EVOLUTION Series silencer.**

**▲ DO NOT fire .45 Super ammunition through a Ti-RANT-45 or EVOLUTION-45 silencer. The use of .45 Super ammunition will cause a dramatic decrease in sound suppression and can cause an overpressure situation that can lead to damage to the silencer and host weapon and injury to the user. AAC denies any liability for such damage or injury.**

## ▶ **GUIDELINES FOR RIFLE AMMUNITION**

AAC rifle silencers, flash hidens, and muzzle brakes are optimized for use with military full-metal-jacketed ammunition. Some of the high performance hollow-point and frangible loadings available for centerfire rifle caliber weapons have a tendency to experience jacket separation. The separated material will become secondary projectiles which can damage the internal components of the suppressor. The bullet's core, once stripped of its jacket material, will become unstable in flight. An unstable projectile can cause damage to the suppressor's internal components. It is imperative users determine whether the ammunition they are employing in their centerfire rifle caliber weapons is experiencing jacket separation. The simple test of shooting at a close range paper target will reveal jacket separation, as the secondary projectiles will create small holes in the target which are easily distinguished from the hole made by the primary projectile.

**▲ It is perfectly safe for users to fire quality factory subsonic rifle ammunition through an AAC rifle silencer if the host rifle barrel features a twist rate appropriate to stabilize the subsonic ammunition in question. IT IS THE RESPONSIBILITY OF THE USER TO GET THE RECOMMENDED TWIST RATE FROM THE AMMUNITION MANUFACTURER AND TO VERIFY THAT THEIR RIFLE'S BARREL IS SO EQUIPPED. Damage from unstable projectiles will not be covered or repaired under warranty.**



**ADVANCED ARMAMENT CORP.**  
770-925-9988 (Voice) 770-925-9989 (Fax)  
[www.advanced-armament.com](http://www.advanced-armament.com)