

Selecting the Projectile

NOTE: It is recommended that, for safety and performance, only Remington® brand loading components made to Remington's exacting standards, be used in the Remington Model 700™ ML muzzleloading rifle.

There are three projectile types that can be fired safely and accurately in this rifle. They are the sabot, the lubed conical, the lubed conical and the patched round ball. See Picture 10.

PICTURE 10



Saboted Conical

The Saboted Conical: With a sabot projectile, the sabot engages the barrel rifling (rather than the projectile itself) to provide a gas seal, as well as to provide the rotation necessary to stabilize the projectile in flight.

A smaller-than-bore-size projectile can be used with a sabot resulting in higher muzzle velocity, flatter trajectory.

The sabot is self-lubricating, so there is no need to use additional lubrication on lubed sabot projectiles.

Never use a patch with a conical projectile that is to be used with a sabot.



Lubed Conical

The Lubed Conical: With the lubed conical, the projectile itself engages the rifling to provide a gas seal, as well as the rotation necessary to stabilize the projectile in flight.

Never use a patch or sabot with a lubed conical projectile.

Always use lubricant with any projectile that is not to be used with a sabot.



Patched Round Ball

The Patched Round Ball: With a patched round ball, the lubed cloth patch serves the same purpose as the sabot does with the sabot conical projectile type. It engages the rifling to provide a gas seal as well as the rotation necessary to stabilize the ball in flight.

WARNING: The patch should be well lubricated and made of heavy absorbent cloth. A static electric charge in the barrel as the projectile is being loaded can cause a fire. A Remington patch should create a spark and light the powder charge leading to a fire. Injury or death to the shooter or bystander.

Remington Wonder Wads: The Remington Wonder Wad® can be used with any of the three types of projectiles that can be used in this firearm. It is to be placed between the wad and projectile in the barrel. It acts as a secondary gas seal, and expands to fill the bore and grooves in the barrel as the pressure builds behind the wad and the projectile. This reduces gas blow-by and helps improve velocity and accuracy. In addition, the Remington Wonder Wad helps clean and lubricate the barrel as the projectile is being loaded as well as upon firing. As a result, more shots can be fired before the barrel must be cleaned.

WARNING: Except for the sabot and cotton patch, the Remington Wonder Wad is the only approved loading component to go between the projectile and the wad.

Never use a loaded bullet without a sabot in this muzzleloading rifle. Only pure lead or Remington brand lubed projectiles, specifically designed for use with a sabot, are meant to be used without a sabot.

Never use a sabot with a round ball. The sabot is not designed for a round ball and could easily separate from the powder charge creating a dangerous fire gas.

Be absolutely certain that loading components are used only as they were intended to be used and are properly used together.

Loading the Powder and Projectile

Loading the Remington Model 700 ML consists of three steps. These steps are:

1. Load the Powder.
2. Load the Projectile.
3. Place the Perforated Cap on the Nipple.