

# 2004

Hunting, Competition  
and Law Enforcement Products

**PMC**<sup>®</sup>  
**AMMUNITION**

Creating a Legend...  
One Shooter at a Time

**PMC**<sup>®</sup>  
**AMMUNITION**

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PMC Ammunition creating a legend, one shoot -

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Look What's New From PMC in 2004 -- Great New Products for Hunters, Shooters and Law Enforcement!

Once again, we are proud to announce that the PMC Ammunition line has grown by leaps and bounds. Take a look at the great new products we're making available to our fellow shooters for 2004:

- New pistol calibers
- New extreme velocity shotshells
- New premium X-Bullet rifle calibers
- New non-toxic ammunition loaded with frangible bullets

And for the first time in our history, PMC will offer proprietary PMC primers - both standard and completely non-toxic - to handloaders!

We are a proud American company, with a great deal of international experience that allows us to offer a selection of excellent products that represents many of the best and most desirable from the U.S. and also from respected manufacturers the world over. For over 35 years, we've worked hard at establishing a tradition of bringing to our valued customers great products that perform as advertised, at some of the most reasonable prices available. The tradition continues!



Our PMC Shooting Sports Safety Express trucks traverse the nation, visiting local dealers, distributors and shows.

ULTIMATE HIGH VELOCITY SHOTSHELLS



These super-fast new 2 1/4" inch shells are just getting started where standard high velocity shells run out of steam. Max loads and nickel plated shot make them perfect for a broad range of game. Available in 12, 20 and 28 gauges, and 410 bore. (p. 4)

GOLD LINE RIFLE BARNES XLC



Four new small caliber rifle cartridges featuring the Barnes XLC bullet have been added to PMC's premium-quality Gold Line for 2004. Calibers include the 223, 22-250, 243 and 25-06, for hunting everything from varmints to deer and

PMCGREEN



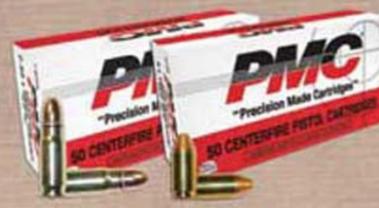
Now available in seven handgun and three rifle cartridges, this amazing new ammo features 100% non-toxic primers and completely frangible bullets. Can be used for training, practice, home defense and is accurate enough for competition! (p. 20)

EXTRA HEAVY FIELD SHOTSHELLS



Late season hunting means wary birds and longer range shooting. The new Extra Heavy Field shell compensates for those conditions with a four Dram Equiv. load and

BRONZE LINE HANDGUN MAKAROV & TOKAREV



New for 2004, the increasingly popular 9 x 18 Makarov and 7.62 x 25mm Tokarev cartridges have been added to the reasonably priced PMC Bronze Line. Both will be available with FMJ loads. (p. 29)

HEAVY GAME SHOTSHELLS



New for 2004, this 2 1/4" Heavy Game shell provides plenty of knock-down power for upland birds and small game, but is a little easier on the shoulder with its 3/4 oz. DE powder charge. Now available in 12 ga., five shot sizes. (p. 5)

COWBOY ACTION 45-90 & 40-65



The PMC line of authentically reproduced Cowboy Action ammunition grows again for 2004 with the addition of the 45-90 Win. and the 40-65 Win. rifle cartridges. Both will feature handcast lead bullets and "Old West" style packaging. (p. 34)

FIELD & TARGET SHOTSHELLS



In response to popular demand, we've added two smallbore shells to our all-purpose Field & Target line -- a 1/2 oz. 28 gauge shell and a 1/2 oz. 410 bore shell. These fine shells are equally at home in the field or on the range. (p. 5)

RIMFIRE MAGNUM 22WMC



Joining the family of PMC PREDATOR™ 22 Rimfire Magnum cartridges for 2004 is a new, very accurate FMJ load. This reasonably priced, all-purpose load can be used for practice, varminting or small game hunting. (p. 36)

SABOT SLUG



The smashing power of a big 7/8 oz. slug, combined with the increased accuracy resulting from encasing it in a rifled plastic sabot, makes this new shell attractive to both big game hunters and law enforcement agencies. 12 ga. only. (p. 5)

PRIMERS



We proudly announce the addition of PMC primers! The extensive selection will include 10 sizes of standard, non-corrosive primers for rifle, pistol and shotgun, and 10 sizes of truly non-toxic (free of both lead and heavy metals) primers. (pp. 38-39)

# SHOTSHELLS

NEW FOR 2004

## ULTIMATE HIGH VELOCITY

PMC BRINGS YOU FIVE GREAT NEW SHOTSHELLS FOR FALL 2004

In keeping with our tradition of offering only high quality shotshells, these new shells are carefully constructed with components and craftsmanship found only in premium grade ammunition - and designed specifically for their designated purposes.

### NEW! PMC ULTIMATE HIGH VELOCITY SHOTSHELLS

Without question, these new 2 3/4" (3" in .410 bore) shotshells are among the fastest available on the market today. They're just getting started where standard high velocity shells run out of steam. Hard, nickel plated shot means enhanced penetration at the longer ranges, tighter patterns and reduced feather and hair draw on upland birds and small game. The 1 1/4 oz shot load of the 12 gauge shell, pushed by its MAX dram equiv. powder charge, leaves the muzzle at an ultimate 1400 fps - outrunning standard high velocity loads! This super-fast new shell is also available in 20 ga. (1 oz. shot, 1300 fps), 28 ga. (7/8 oz. shot, 1250 fps) and 410 bore (3" only, 11/16 oz. shot, 1135 fps). Shot sizes range from #4 to #9.



### NEW! EXTRA HEAVY FIELD SPECIFIC

Heading into the field during the late season means you can expect to encounter warier birds and longer range shooting. This new specific load helps you compensate for those conditions with a heavier, four dram equiv. powder charge and 1 3/8 oz. of shot to give you the added power and reach you need. Achieves a muzzle velocity of 1320 fps. Available in 12 ga. only, in 4, 5, 6 and 7.5 shot sizes.



### NEW! HEAVY GAME SPECIFIC

Easier on the shoulder with its 3 1/4 dram equiv. powder charge and 1 1/8 oz. of hard, round shot. But it still provides plenty of power to knock down the larger upland birds and small game. This 2 3/4" Heavy Game shell will easily handle your requirements for regular season hunting. 12 ga. only, in 5, 6, 7.5, 8 and 9 shot sizes.



### NEW! SMALLBORE FIELD & TARGET

Our decision to add two new smallbore loads to our Field & Target shotshell offering attests to the popularity of these versatile all-purpose shells. Demand from hunters and competitors has prompted us to add 28 ga. and 410 bore versions for 2004, both with MAX dram equiv. powder charges and both with a muzzle velocity of 1220 fps. Now available are a 2 3/4" 28 ga. shell with 3/4 oz. shot, and a 2 1/2" 410 bore version with 1/2 oz. shot. Shot sizes are 7.5, 8 and 9.



### NEW! SABOT SLUG

The smashing power of a big 7/8 oz. 12 ga. slug, combined with the increased accuracy resulting from encasing it in a rifled plastic sabot, makes this new shell attractive to both big game hunters and law enforcement agencies. While it can be fired from a smooth bore, this sabot slug reaches its full accuracy potential when fired from a rifled shotgun barrel.



# SHOTSHELLS

NEW FOR 2004

## EXTRA HEAVY FIELD

## HEAVY GAME

## FIELD & TARGET

## SABOT SLUG

# SHOTSHELLS

GOLD LINE & SILVER LINE

**TURKEY**  
**HIGH VELOCITY**  
**HEAVY FIELD**  
**EXTRA HEAVY FIELD**  
**HEAVY GAME**  
**STEEL**



## TURKEY SPECIFIC

PMC 3" Magnum Turkey Specific Loads deliver superior performance for the serious hunter. Our high grade, copper plated shot is protected by polymer buffering to maintain tight, turkey-swatting pattern density at the longer ranges. These maximum dram equivalent, high velocity shells also feature PMC's extra clean burning powder.



## Ultimate HIGH VELOCITY

Hard, nickel plated shot means enhanced penetration at the longer ranges, tighter patterns and reduced feather and hair draw on upland birds and small game. The 1 1/4 oz shot load of the 12 gauge shell, pushed by its MAX dram equiv. powder charge, leaves the muzzle at an ultimate 1400 fps - outrunning standard high velocity loads! This super-fast new shell is also available in 20 ga., 28 ga. and 410 bore. Shot sizes range from #4 to #9.



## HEAVY FIELD SPECIFIC

An excellent choice for small game and the larger, tougher upland birds. The heavy powder charge means greater power for solid penetration and clean kills at the longer ranges. For hunters who appreciate the lighter weight and



lesser recoil of the smaller gauges, PMC also offers its popular Heavy Field Load in 16 and

## Extra HEAVY FIELD

This new specific contains four dram equiv. powder charge and 1 3/8 oz. of shot to give you the added power and reach you need. Achieves a muzzle velocity of 1320 fps. Available in 12 ga. only, in 4, 5, 6 and 7.5 shot



## HEAVY GAME

This shell provides plenty of power to knock down the larger upland birds and small game. This 2 3/4" Heavy Game shell will easily handle your requirements for regular season hunting. 12 ga. only, in 5, 6, 7.5, 8 and 9 shot sizes.



## PMC STEEL SHOTSHELLS

We invite you to compare the price, quality and performance of PMC high velocity steel shotshells to competitive steel shells. You'll discover that the performance is excellent, and you'll also find that PMC gives you a full 1 1/8 ounces of shot in our 2 3/4" shells, and a 1 1/4 ounce load in our 3" magnum shells! Available in 2 3/4", 3" magnum and 3 1/2" super magnum lengths.



## FIELD & TARGET

The Field & Target specific combines the dense patterning and target smashing performance of a PMC clay target shell with the solid penetration necessary for taking game. It's perfect for club & league shooting as well as for hunting upland birds and small game.



## FIELD & TARGET High Velocity

This high velocity specific gives you that added power to increase penetration when you're trying to take a gamebird across the field or hit that long range target. Powder was maintained at 3 dram while shot load was reduced from 1 1/8 oz. to 1 oz. (in 7.5, 8 and 9 shot sizes) thus increasing velocity from 1230 to 1250 fps. (20 ga. has 2 1/2 dr., 7/8 oz. of shot, 1230 fps).

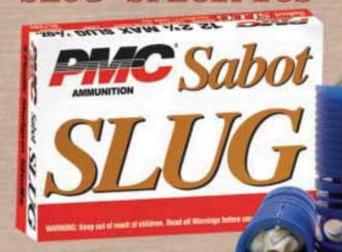


## BUCKSHOT SPECIFICS

PMC offers three hard-hitting buckshot specifics, including high velocity, 9-pellet 00 load for law enforcement and big game hunting; a shoulder-saving low recoil, 9-pellet 00 load for law enforcement, home and personal defense, and predator hunting; and a lesser penetrating, 27-pellet #4 buck load that can be used for hunting, practice, or home defense.



## SLUG SPECIFICS



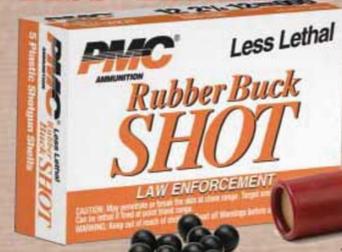
While it can be fired from a smooth bore, this sabot slug reaches its full accuracy potential when fired from a rifled shotgun barrel.

This accurate rifled slug leaves the muzzle at 1600 feet per second, providing tremendous striking power, even at long ranges. A special plastic wad cushions the recoil, allowing quick recovery for fast,



accurate second shots.

## LESS LETHAL



These rubber buckshot shotshells, loaded with rubber projectiles, are designed for crowd and animal control, or to stop home intruders without producing lethal results. Offered in five-round packs.

The canted fins and bore-riding band of the Rubber Fin Baton enhances accuracy, making it suitable for corrections and police patrols as



# SHOTSHELLS

BRONZE LINE

**FIELD & TARGET**  
**BUCKSHOT**  
**SLUGS**  
**LESS LETHAL**

# SHOTSHELLS

BALLISTICS

# SHOTSHELLS

BALLISTICS

**TURKEY**  
**HIGH VELOCITY**  
**HEAVY FIELD**  
**EXTRA HEAVY FIELD**  
**HEAVY GAME**

**STEEL**  
**FIELD & TARGET**  
**BUCKSHOT**  
**SLUGS**  
**LESS LETHAL**

GOLD LINE

SILVER LINE

SILVER LINE

BRONZE LINE

ITEM NO.	SHELL TYPE	GAUGE	LENGTH (INCHES)	DRAM EQUIV.	MUZZLE VELOCITY	OUNCES OF SHOT	SHOT SIZE
TL124	TURKEY SPECIFIC	12	3	MAX	1210	2	4
TL126	TURKEY SPECIFIC	12	3	MAX	1210	2	6
HV124	HIGH VELOCITY SPECIFIC	12	2 3/4	MAX	1400	1 1/4	4
HV125	HIGH VELOCITY SPECIFIC	12	2 3/4	MAX	1400	1 1/4	5
HV126	HIGH VELOCITY SPECIFIC	12	2 3/4	MAX	1400	1 1/4	6
HV127.5	HIGH VELOCITY SPECIFIC	12	2 3/4	MAX	1400	1 1/4	7.5
HV128	HIGH VELOCITY SPECIFIC	12	2 3/4	MAX	1400	1 1/4	8
HV205	HIGH VELOCITY SPECIFIC	20	2 3/4	MAX	1300	1	5
HV206	HIGH VELOCITY SPECIFIC	20	2 3/4	MAX	1300	1	6
HV207.5	HIGH VELOCITY SPECIFIC	20	2 3/4	MAX	1300	1	7.5
HV208	HIGH VELOCITY SPECIFIC	20	2 3/4	MAX	1300	1	8
HV209	HIGH VELOCITY SPECIFIC	20	2 3/4	MAX	1300	1	9
HV286	HIGH VELOCITY SPECIFIC	28	2 3/4	MAX	1250	7/8	6
HV287.5	HIGH VELOCITY SPECIFIC	28	2 3/4	MAX	1250	7/8	7.5
HV288	HIGH VELOCITY SPECIFIC	28	2 3/4	MAX	1250	7/8	8
HV289	HIGH VELOCITY SPECIFIC	28	2 3/4	MAX	1250	7/8	9
HV416	HIGH VELOCITY SPECIFIC	410	3	MAX	1135	11/16	6
HV417.5	HIGH VELOCITY SPECIFIC	410	3	MAX	1135	11/16	7.5
HV418	HIGH VELOCITY SPECIFIC	410	3	MAX	1135	11/16	8
HV419	HIGH VELOCITY SPECIFIC	410	3	MAX	1135	11/16	9

ITEM NO.	SHELL TYPE	GAUGE	LENGTH (INCHES)	DRAM EQUIV.	MUZZLE VELOCITY	OUNCES OF SHOT	SHOT SIZE
SS12BB	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	BB
SS122	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	2
SS123	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	3
SS124	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	4
SS125	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	5
SS126	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	6
SS127.5	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	7.5
SS128	STEEL SHOT SPECIFIC	12	2 3/4	MAX	1365	1 1/8	8
SS12BBM	STEEL SHOT SPECIFIC	12	3	MAX	1425	1 1/4	BBB
SS12BBM	STEEL SHOT SPECIFIC	12	3	MAX	1425	1 1/4	BB
SS122M	STEEL SHOT SPECIFIC	12	3	MAX	1425	1 1/4	2
SS123M	STEEL SHOT SPECIFIC	12	3	MAX	1425	1 1/4	3
SS124M	STEEL SHOT SPECIFIC	12	3	MAX	1425	1 1/4	4
SSG12T	STEEL SHOT SPECIFIC	12	3 1/2	MAX	1450	1 3/8	T
SSG12BB	STEEL SHOT SPECIFIC	12	3 1/2	MAX	1450	1 3/8	BB
SSG122	STEEL SHOT SPECIFIC	12	3 1/2	MAX	1450	1 3/8	2

HF124	HEAVY FIELD SPECIFIC	12	2 3/4	3 3/4	1330	1 1/4	4
HF125	HEAVY FIELD SPECIFIC	12	2 3/4	3 3/4	1330	1 1/4	5
HF126	HEAVY FIELD SPECIFIC	12	2 3/4	3 3/4	1330	1 1/4	6
HF127.5	HEAVY FIELD SPECIFIC	12	2 3/4	3 3/4	1330	1 1/4	7.5
HF164	HEAVY FIELD SPECIFIC	16	2 3/4	3 1/4	1295	1 1/8	4
HF166	HEAVY FIELD SPECIFIC	16	2 3/4	3 1/4	1295	1 1/8	6
HF167.5	HEAVY FIELD SPECIFIC	16	2 3/4	3 1/4	1295	1 1/8	7.5
HF206	HEAVY FIELD SPECIFIC	20	2 3/4	2 3/4	1200	1	6
HF207.5	HEAVY FIELD SPECIFIC	20	2 3/4	2 3/4	1200	1	7.5
HF208	HEAVY FIELD SPECIFIC	20	2 3/4	2 3/4	1200	1	8
EHF124	EXTRA HEAVY FIELD SPECIFIC	12	2 3/4	4	1320	1 3/8	4
EHF125	EXTRA HEAVY FIELD SPECIFIC	12	2 3/4	4	1320	1 3/8	5
EHF126	EXTRA HEAVY FIELD SPECIFIC	12	2 3/4	4	1320	1 3/8	6
EHF127.5	EXTRA HEAVY FIELD SPECIFIC	12	2 3/4	4	1320	1 3/8	7.5
HG125	HEAVY GAME SPECIFIC	12	2 3/4	3 1/4	1255	1 1/8	5
HG126	HEAVY GAME SPECIFIC	12	2 3/4	3 1/4	1255	1 1/8	6
HG127.5	HEAVY GAME SPECIFIC	12	2 3/4	3 1/4	1255	1 1/8	7.5
HG128	HEAVY GAME SPECIFIC	12	2 3/4	3 1/4	1255	1 1/8	8
HG129	HEAVY GAME SPECIFIC	12	2 3/4	3 1/4	1255	1 1/8	9

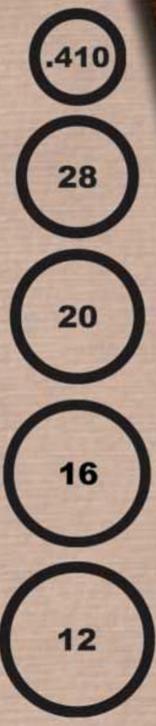
FT125	FIELD & TARGET SPECIFIC	12	2 3/4	3	1230	1 1/8	5
FT126	FIELD & TARGET SPECIFIC	12	2 3/4	3	1230	1 1/8	6
FT127.5	FIELD & TARGET SPECIFIC	12	2 3/4	3	1230	1 1/8	7.5
FT128	FIELD & TARGET SPECIFIC	12	2 3/4	3	1230	1 1/8	8
FT129	FIELD & TARGET SPECIFIC	12	2 3/4	3	1230	1 1/8	9
FT2875	FIELD & TARGET SPECIFIC	28	2 3/4	MAX	1220	3/4	7.5
FT288	FIELD & TARGET SPECIFIC	28	2 3/4	MAX	1220	3/4	8
FT289	FIELD & TARGET SPECIFIC	28	2 3/4	MAX	1220	3/4	9
FT4175	FIELD & TARGET SPECIFIC	410	2 1/2	MAX	1220	1/2	7.5
FT418	FIELD & TARGET SPECIFIC	410	2 1/2	MAX	1220	1/2	8
FT419	FIELD & TARGET SPECIFIC	410	2 1/2	MAX	1220	1/2	9
FTH127.5	FIELD & TARGET SPECIFIC	12	2 3/4	3	1250	1	7.5
FTH128	FIELD & TARGET SPECIFIC	12	2 3/4	3	1250	1	8
FTH129	FIELD & TARGET SPECIFIC	12	2 3/4	3	1250	1	9
FTH207.5	FIELD & TARGET SPECIFIC	20	2 3/4	2 1/2	1230	7/8	7.5
FTH208	FIELD & TARGET SPECIFIC	20	2 3/4	2 1/2	1230	7/8	8
FTH209	FIELD & TARGET SPECIFIC	20	2 3/4	2 1/2	1230	7/8	9

BSH1200	BUCKSHOT (Heavy)	12	2 3/4	MAX	1325	9-Pellet	00 Buck
BSL1200	BUCKSHOT (Light)	12	2 3/4	3	1140	9-Pellet	00 Buck
BS124	BUCKSHOT #4	12	2 3/4	MAX	1325	27-Pellet	4 Buck
SL12B1	SLUG	12	2 3/4	MAX	1600	1	Slug
SL12B2	SABOT SLUG	12	2 3/4	MAX	1600	3/4	Slug
RBS1200	Rubber Buckshot	12	2 3/4	MIN	900	12-Pellet	000 Buck
RSL12B	Rubber Fin Baton	12	2 3/4	MIN	450	1	Slug

**LESS LETHAL SHOTSHELLS**

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading under the following conditions: 59°F., barometric pressure of 29.52 inches, sea level altitude.

Because PMC is constantly upgrading and improving items and components throughout the manufacturing process, pictorial representations in this catalog may not precisely match actual manufactured items and components.



# CENTERFIRE RIFLE

**GOLD LINE**  
**223XLA**  
**22250XLA**  
**243XLA**  
**25-06XLA**

# CENTERFIRE RIFLE

**GOLD LINE**

## PMC GOLD LINE EXPANDED TO INCLUDE FOUR SMALLER CALIBERS

For those hunters and sportsmen who feel their hobby and passion deserves nothing less than the best, PMC has expanded its famous Gold Line of premium quality rifle cartridges to include four new calibers for 2004. Now, this superb line includes 223 Rem., 22-250 Rem., 243 Win. and 25-06 Rem., all loaded with the excellent Barnes XLC Coated X-Bullet for unparalleled performance. No better bullet is available - at any price -- anywhere in the world today!

223 Rem.: 53 grain XLC Coated X-Bullet at 3200 fps.

22-250 Rem.: 50 grain XLC Coated X-Bullet at 3725 fps.

243 Win.: 85 grain XLC Coated X-Bullet at 3250 fps.

25-06 Rem.: 100 grain XLC Coated X-Bullet at 3150 fps.

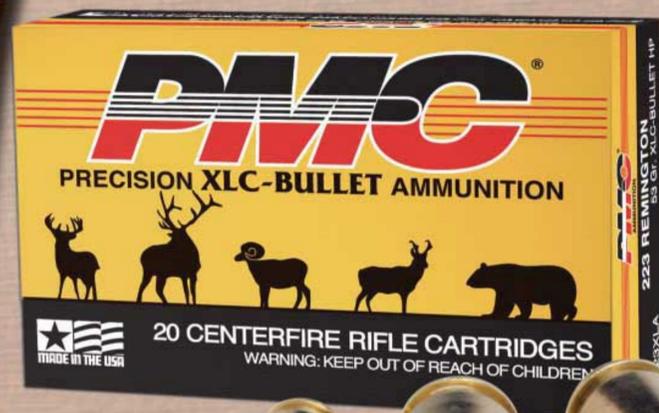
With the addition of these new calibers, the superior reliability and performance of Gold Line cartridges are available for all types of hunting, from varmints, predators, small game, medium-size game such as deer and antelope, up to and including the largest North American big game and most African game.

## WHY HAVE WE CHOSEN THE X-BULLET FOR OUR GOLD LINE?

We could load many of the premium bullets available today, but we have chosen to stay with the solid copper X-Bullet because we have yet to find one that will out-perform it. It has a well-earned reputation for accuracy, extremely deep penetration, superbly reliable expansion, almost perfect bullet integrity and hitting game like a sledgehammer - all vital characteristics for a high performance hunting bullet. Thick hide and heavy bone pose no obstacle as the sharp edges of the expanded "petals" of the hard copper bullet cut their way through.

In recent years, the addition of the exclusive, blue XLC coating has made this great bullet even better. The dry film lubricant is permanently applied - won't come off on your fingers or rub off in your pocket. It decreases the friction between the bullet and the rifle's bore, dramatically reducing copper fouling. Because friction is reduced, the barrel stays cooler during multiple shots, and accuracy is enhanced.

You can pay a lot more for premium rifle ammunition, but you have our promise, you can't buy a better bullet than the X-Bullet - or better ammunition than the PMC Gold Line!



223 REM



22-250 REM



243 WIN



25-06 REM



# CENTERFIRE RIFLE

## GOLD SILVER BRONZE LINES

# CENTERFIRE RIFLE

## BULLETS

### PMC RIFLE BULLET DESIGN & PURPOSE

#### PMC GOLD LINE



PMC's premium-grade rifle ammunition line includes cartridges loaded with genuine Barnes XLC-Bullets and our own, hunter-proven 30-30 Starfire. Both feature the solid copper, hollow point bullets recognized by hunters the world over for their unequalled game-stopping performance and bullet integrity.

GOLD LINE

Because of its combination of deep penetration and broad, extremely reliable expansion, no other bullet is its equal for all-around big game hunting. XLC-Bullet cartridges are available in cal-

ibers ranging from .223 Rem to .375 H&H Magnum. The 30-30 Starfire features a 150 grain, solid copper bullet with the well-known Starfire hollow point cavity in the nose. This bullet provides the ultimate in 30-30 performance, providing extra-deep penetration and superior knockdown power.

#### PMC SILVER LINE



The PMC Silver Line incorporates the use of high quality bullets from Sierra and Hornady. The Sierra name has been synonymous with championship accuracy for five decades. Hornady continues to have a long-standing reputation for classic hunting bullet performance.

SILVER LINE

Combining the excellence of Sierra and Hornady with PMC's precision drawn cases, the PMC Silver Line offers a level of accuracy and performance that handloaders will be hard-pressed to equal. Available in popular rifle calibers from .223 Rem. to .375 H&H Magnum. This line also includes specialty hunting loads in 45-70 Gov't and 45 Long Colt.

#### PMC BRONZE LINE



For shooters and hunters who appreciate affordable quality ammunition, the PMC Bronze Line offers reliable performance for every shooting application, from target shooting to hunting. This long-popular ammunition line makes it possible for hunters and riflemen to enjoy high volume shooting without emptying their wallets. Bronze Line ammunition is available in several bullet types, in 19 calibers ranging from .222 Rem. to .300 Win. Mag.

BRONZE LINE



#### FULL METAL JACKET BULLET (FMJ)

The lead core of this bullet is enclosed in a heavy copper jacket, which results in little or no expansion and deep penetration. Not recommended for hunting, the primary use of the FMJ is target shooting.

#### FULL METAL JACKET BOAT TAIL BULLET (FMJ-BT)

Designed primarily for target shooting applications, this bullet offers excellent ballistic performance and superior down range accuracy due to its rear-taper, boat tail construction. Its solid lead core is fully enclosed by a full metal jacket.

#### FLAT NOSE SOFT POINT BULLET (FNSP)

Similar to the Soft Point in construction and performance, but with a flat lead point that allows this bullet to be safely used in tubular magazines. Designed primarily for use in the 30-30carbine, it delivers reliable expansion at typical 30-30 velocities.

#### SIERRA HOLLOW POINT BOAT TAIL BULLET (HPBT)

Extremely accurate hollow point bullet with pointed, aerodynamic design. Boat tail heel further reduces drag to improve downrange velocity. Precision balance and exceptional concentricity greatly increase bullet stability to assure superb accuracy.

#### NON-TOXIC FRANGIBLE BULLET (NTF)

The PMC Green non-toxic, lead-free, frangible bullet is formed from a composite of fine copper and polymer particles by injection molding. Designed to shatter into dust-size particles upon impact with materials harder than itself, it is much less likely to ricochet or over-penetrate. Its homogeneous construction means there is no jacket or plating to impede disintegration. Excellent for use in special duty applications, and can be used at ranges previously restricted to pistol use. Superior accuracy.

#### POINTED SOFT POINT BULLET (PSP)

Popular, time-tested bullet featuring a soft lead point extending beyond the copper jacket that initiates bullet expansion upon impact. Pointed design reduces aerodynamic drag, improves ballistic coefficient rating and helps this bullet retain its velocity downrange.

#### 30-30 STARFIRE (SFHP)

Similar to the X-Bullet in performance because of its solid copper construction, but with the patented rib and flute Starfire hollow point cavity in the nose. The broad hollow point allows this bullet to be used in tubular magazines. Excellent expansion characteristics and bullet integrity.

#### SOFT POINT BULLET (SP)

Exposed lead tip on this bullet and broader point diameter provide rapid, controlled expansion at somewhat lower velocities than the PSP. Broad wound channel results from expansion up to 200% of original bullet diameter.

#### SIERRA SOFT POINT BOAT TAIL BULLET (SPBT)

This bullet combines the aerodynamic pointed nose with a boat tail heel for improved flight characteristics and retained velocity downrange. Typical of Sierra construction, it embodies near-perfect balance and concentricity. Exposed lead tip for controlled expansion.

#### BARNES XLC-BULLET (XLC-HP)

Solid copper bullet with pre-stressed hollow point mushrooms consistently over a wide range of velocities, and drives deeper than lead-core bullets. Cannot shed its jacket on impact, because there is no jacket. Holds together like a solid, retaining virtually 100% of its weight. Coated with a dry-film lubricant to decrease friction and metal fouling in the barrel.



GOLD LINE

SILVER LINE



*.22 Rimfire ballistics (Predator, Match Rifle, Moderator, Zapper, Scoremaster & Sidwinder) can be found on page 36-37.*

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	VELOCITY (feet/second)					ENERGY (foot/pounds)					BULLET PATH (inches)							
				MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.
223 Rem	223HRA	NTF	40	3500	2606	1871	1315	-	-	1088	603	311	154	-	-	-0.13	+2.60	0.00	-12.81	-	-
308 Win	308HRA	NTF	120	2600	1866	1312	1020	-	-	1801	958	459	277	-	-	-0.13	+5.14	0.00	-25.67	-	-
7.62 x 39 Russian	7.62RHRA	NTF	100	2300	1910	1572	1298	-	-	1175	810	549	374	-	-	-1.50	+4.07	0.00	-18.30	-	-
223 Rem	223XLA	XLC-HP	53	3200	2815	2461	2136	1840	1578	1205	933	713	537	398	293	-1.50	+1.46	0.00	-7.24	-22.15	-47.15
22-250 Rem	22-250XLA	XLC-HP	50	3725	3280	2871	2495	2152	1840	1540	1195	915	691	514	376	-1.50	+0.88	0.00	-5.12	-15.87	-34.19
243 Win	243XLA	XLC-HP	85	3250	3022	2805	2598	2401	2213	1993	1724	1485	1274	1088	924	-1.50	+1.16	0.00	-5.58	-16.32	-33.11
25-06 Rem	25-06XLA	XLC-HP	100	3150	2978	2811	2651	2497	2348	2203	1969	1755	1561	1384	1224	-1.50	+1.21	0.00	-5.61	-16.18	-32.32
270 Win	270XLA	XLC-HP	130	2910	2717	2533	2356	2186	2023	2444	2131	1852	1602	1379	1181	-1.50	+1.64	0.00	-7.08	-20.40	-41.06
270 Win	270XLB	XLC-HP	150	2700	2541	2387	2238	2095	1957	2428	2150	1897	1668	1461	1275	-1.50	+1.97	0.00	-8.07	-23.08	46.04
7mm Rem Mag	7XLA	XLC-HP	140	3000	2808	2624	2448	2279	2116	2797	2451	2141	1863	1614	1391	-1.50	+1.49	0.00	-6.56	-18.93	-37.99
7mm Rem Mag	7XLB	XLC-HP	160	2800	2639	2484	2334	2189	2049	2785	2474	2192	1935	1703	1492	-1.50	+1.78	0.00	-7.41	-21.20	-42.33
308 Win	308XLA	XLC-HP	150	2700	2504	2316	2135	1964	1801	2428	2087	1786	1518	1284	1080	-1.50	+2.03	0.00	-8.56	-24.73	49.99LC
308 Win	308XLB	XLC-HP	168	2600	2425	2256	2095	1940	1793	2476	2154	1865	1608	1379	1177	-1.50	+2.23	0.00	-9.04	-26.04	52.38
30-06 Sprg	3006XLA	XLC-HP	150	2750	2552	2361	2179	2005	1840	2518	2168	1857	1582	1339	1127	-1.50	+1.95	0.00	-8.17	-23.73	-47.95
30-06 Sprg	3006XLB	XLC-HP	168	2750	2569	2395	2228	2067	1914	2770	2418	2101	1818	1565	1342	-1.50	+1.91	0.00	-7.97	-22.98	-46.14
30-06 Sprg	3006XLC	XLC-HP	180	2650	2487	2331	2179	2034	1894	2806	2472	2171	1898	1652	1433	-1.50	+2.07	0.00	-8.48	-24.34	-48.62
300 Win Mag	300XLA	XLC-HP	150	3135	2918	2712	2515	2327	2146	3273	2836	2449	2107	1803	1534	-1.50	+1.30	0.00	-6.13	-17.71	-35.74
300 Win Mag	300XLC	XLC-HP	180	2910	2738	2572	2412	2258	2109	3384	2995	2644	2325	2037	1778	-1.50	+1.61	0.00	-6.89	-19.77	-39.43
338 Win Mag	338XLA	XLC-HP	225	2600	2415	2239	2071	1912	1760	3377	2914	2505	2143	1826	1548	-1.50	+2.23	0.00	-9.18	-26.48	-53.26
375 H&H Mag	375XLA	XLC-HP	270	2600	2423	2254	2092	1938	1791	4053	3519	3045	2623	2251	1923	-1.50	+2.22	0.00	-9.07	-26.10	-52.39
375 H&H Mag	375XLB	XLC-HP	300	2500	2343	2193	2048	1910	1778	4163	3657	3202	2795	2430	2106	-1.50	+2.42	0.00	-9.66	-27.62	-55.09
223 Rem	223BKA	BlitzKing	50	3300	2874	2484	2130	1809	1530	1209	917	685	504	363	260	-1.50	1.37	0.00	-7.05	-21.83	-47.04
223 Rem	223SMA	HPBT Match	52	3200	2808	2447	2117	1817	1553	1182	910	691	517	381	278	-1.50	+1.47	0.00	-7.32	-22.45	-47.94
223 Rem	223SMB	HPBT Match	69	2900	2591	2304	2038	1791	1572	1288	1029	813	636	492	379	-1.50	+1.85	0.00	-8.43	-25.28	-52.82
223 Rem	223VB	HPBT	55	3240	2717	2250	1832	1473	1196	1282	901	618	410	265	175	-1.50	+1.65	0.00	-8.61	-27.67	-62.20
22-250 Rem	22-250BKA	BlitzKing	50	3725	3264	2641	2455	2103	1785	1540	1183	896	669	491	354	-1.50	0.89	0.00	-5.23	-16.28	-35.24
22-250 Rem	22-250VB	HPBT	55	3680	3104	2596	2141	1737	1395	1654	1176	823	560	368	238	-1.50	+1.08	0.00	-6.30	-20.20	-45.76
22-250 Rem	22-250B	PSP	55	3580	3129	2716	2339	1996	1689	1565	1196	901	668	487	348	-1.50	+1.04	0.00	-5.79	-17.98	-38.83
243 Win	243VA	HPBT	85	3275	2922	2596	2292	2009	1748	2024	1611	1272	991	761	577	-1.50	+1.31	0.00	-6.51	-19.66	-41.41
243 Win	243HB	SPBT	100	2960	2742	2534	2335	2144	1964	1945	1669	1425	1210	1021	856	-1.50	+1.61	0.00	-7.03	-20.46	-41.42
6.5 x 55 Swed	6.5SMA	HPBT Match	140	2560	2398	2243	2093	1949	1811	2037	1788	1563	1361	1181	1020	-1.50	+2.29	0.00	-9.19	-26.35	-52.74
6.5 x 55 Swed	6.5HB	SPBT	140	2560	2386	2218	2057	1903	1757	2037	1769	1529	1315	1126	960	-1.50	+2.31	0.00	-9.42	-27.09	-54.25
270 Win	270HA	SPBT	130	3050	2830	2620	2421	2229	2047	2685	2312	1982	1691	1435	1209	-1.50	+1.46	0.00	-6.54	-19.02	-38.52
270 Win	270HB	SPBT	150	2850	2660	2477	2302	2134	1973	2705	2355	2043	1765	1516	1296	-1.50	+1.74	0.00	-7.40	-21.41	-43.02
7mm Rem Mag	7HA	SPBT	140	3125	2891	2669	2457	2255	2063	3035	2597	2213	1877	1580	1322	-1.50	+1.35	0.00	-6.29	-18.35	-37.23
7mm Rem Mag	7HB	SPBT	160	2900	2696	2501	2314	2135	1965	2987	2582	2222	1903	1620	1371	-1.50	+1.68	0.00	-7.22	-20.98	-42.33
308 Win	308HA	SPBT	150	2820	2581	2354	2139	1935	1744	2648	2218	1846	1523	1247	1013	-1.50	+1.89	0.00	-8.18	-23.96	-49.00
308 Win	308HC	SPBT	180	2620	2446	2278	2117	1962	1815	2743	2391	2074	1790	1538	1316	-1.50	+2.17	0.00	-8.89	-25.54	-51.32
30-06 Sprg	3006HA	SPBT	150	2900	2657	2427	2208	2000	1805	2801	2351	1961	1623	1332	1085	-1.50	+1.74	0.00	-7.66	-22.51	-46.04
30-06 Sprg	3006HC	SPBT	180	2700	2523	2352	2188	2030	1879	2913	2543	2210	1913	1646	1411	-1.50	+2.00	0.00	-8.28	-23.89	-47.94
300 Win Mag	300HA	SPBT	150	3250	2987	2739	2504	2281	2070	3517	2970	2498	2088	1733	1426	-1.50	+1.20	0.00	-5.96	-17.41	-35.55
300 Win Mag	300HC	SPBT	180	2900	2714	2536	2365	2200	2042	3361	2944	2571	2235	1935	1666	-1.50	+1.65	0.00	-7.08	-20.34	-40.85
303 British	303SMA	HPBT Match	174	2425	2254	2091	1936	1788	1651	2272	1963	1690	1448	1235	1053	-1.50	+2.68	0.00	-10.64	-30.56	-61.29

**Abbreviations:**

BlitzKing - Sierra Full Metal Jacket Boat Tail  
 FMJ - Full Metal Jacket  
 FMJ-BT - Full Metal Jacket Boat Tail  
 FNSP - Flat Nose Soft Point  
 HPBT - Hollow Point Boat Tail

NTF - Non-Toxic Frangible  
 PSP - Pointed Soft Point  
 SFHP - Starfire Hollow Point  
 SP - Soft Point  
 SPBT - Soft Point Boat Tail  
 XLC-HP - XLC-Bullet

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading under the following conditions: 59°F., barometric pressure of 29.52 inches, sea level altitude.

\*WARNING: 45-70HA ammunition is loaded to higher pressures and is, therefore, not intended for use in firearms of weaker receiver/frame strength such as the Trapdoor Springfield rifle. Please consult the firearms manufacturer for compatibility.



CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	VELOCITY (feet/second)						ENERGY (foot/pounds)						BULLET PATH (inches)					
				MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.
303 British	303HB	SPBT	180	2450	2276	2110	1951	1799	1656	2399	2071	1779	1521	1294	1096	-1.50	+2.61	0.00	-10.44	-30.14	-60.15
375 H&H Mag	375HA	PSP	270	2650	2414	2192	1984	1788	1610	4210	3495	2882	2359	1917	1554	-1.50	+2.24	0.00	-9.50	-27.85	-58.97
45-70 Gov't +P+*	45-70HA	FNPS	350	2025	1678	1390	-	-	-	3167	2187	1502	-	-	-	-0.50	0.00	-11.99	-	-	-
222 Rem	222B	PSP	50	3050	2617	2226	1873	1565	1312	1033	761	550	389	272	191	-1.50	+1.81	0.00	-8.90	-27.67	-60.74
222 Rem	222C	PSP	55	2950	2594	2266	1966	1693	1459	1063	822	627	472	350	260	-1.50	+1.85	0.00	-8.67	-26.32	-56.06
223 Rem	223A	FMJ-BT	55	3200	2833	2493	2180	1893	1635	1250	980	759	580	438	326	-1.50	+1.43	0.00	-7.06	-21.48	-45.47
223 Rem	223B	PSP	55	3100	2689	2314	1974	1670	1414	1174	883	654	476	341	244	-1.50	+1.67	0.00	-8.22	-25.34	-54.91
223 Rem	223C	PSP	64	2800	2503	2241	2009	1803	1619	1114	891	714	573	462	373	-1.50	+2.03	0.00	-8.99	-26.69	-55.28
22-250 Rem	22-250B	PSP	55	3580	3129	2716	2339	1996	1689	1565	1196	901	668	487	348	-1.50	+1.04	0.00	-5.79	-17.98	-38.83
243 Win	243A	PSP	80	3200	2885	2590	2315	2059	1822	1819	1478	1192	952	753	590	-1.50	+1.35	0.00	-6.55	-19.62	-40.92
243 Win	243B	PSP	100	2800	2566	2354	2161	1985	1825	1741	1462	1230	1037	875	739	-1.50	+1.89	0.00	-8.19	-23.85	-48.43
6.5 x 55 Swed	6.5MA	FMJ	144	2550	2377	2212	2055	1904	1761	2079	1807	1565	1350	1160	992	-1.50	+2.33	0.00	-9.44	-27.13	-54.39
6.5 x 55 Swed	6.5MB	PSP	139	2550	2348	2156	1975	1803	1645	2007	1701	1435	1204	1004	835	-1.50	+2.41	0.00	-9.90	-28.74	-58.18
25-06 Rem	25-06B	PSP	117	2950	2706	2472	2253	2047	1852	2261	1900	1588	1319	1088	891	-1.50	+1.63	0.00	-7.34	-21.54	-44.07
270 Win	270A	PSP	130	2950	2691	2447	2217	2001	1799	2512	2090	1728	1419	1156	935	-1.50	+1.66	0.00	-7.48	-22.06	-45.35
270 Win	270B	PSP	150	2750	2530	2321	2123	1936	1760	2519	2131	1794	1501	1248	1032	-1.50	+1.97	0.00	-8.44	-24.62	-50.05
7mm-08	7mm-08A	PSP	139	2850	2610	2384	2170	1969	1780	2507	2103	1754	1454	1197	978	-1.50	+1.81	0.00	-7.94	-23.28	-47.59
7mm Mauser	7MA	PSP	140	2600	2365	2145	1937	1744	1569	2101	1739	1430	1167	945	765	-1.50	+2.37	0.00	-9.95	-29.16	-59.75
7mm Mauser	7MB	SP	175	2400	2183	1979	1788	1613	1457	2238	1852	1522	1242	1011	825	-1.50	+2.91	0.00	-11.81	-34.46	-70.52
7 X 64	7x64B	PSP	170	2625	2401	2189	1989	1801	1629	2601	2175	1808	1493	1224	1001	-1.50	+2.27	0.00	-9.55	-27.92	-56.90
7mm Rem Mag	7A	PSP	140	3100	2637	2589	2355	2135	1929	2987	2503	2084	1725	1417	1156	-1.50	+1.41	0.00	-6.61	-19.51	-40.06
7mm Rem Mag	7B	PSP	160	2900	2671	2455	2249	2055	1871	2988	2535	2140	1797	1500	1244	-1.50	+1.69	0.00	-7.47	-21.64	-44.46
7mm Rem Mag	7C	PSP	175	2860	2645	2442	2244	2057	1879	3178	2718	2313	1956	1644	1372	-1.50	+2.00	0.00	-7.90	-22.70	-45.80
7.62 x 39	7.62A	FMJ	123	2350	2072	1817	1583	1368	1171	1495	1162	894	678	507	371	+0.60	0.00	-5.00	-26.40	-67.80	-135.00
7.62 x 39	7.62B	PSP	125	2320	2046	1794	1563	1350	1156	1493	1161	893	678	505	371	+0.70	0.00	-5.20	-27.50	-70.60	-140.00
308 Win (7.62 NATO)	308B	FMJ-BT	147	2780	2575	2380	2194	2018	1851	2522	2164	1848	1571	1329	1118	-1.50	+1.88	0.00	-8.03	-23.29	-47.11
308 Win	308A	PSP	150	2750	2478	2224	1987	1766	1569	2519	2045	1647	1315	1039	820	-1.50	+2.09	0.00	-9.15	-27.12	-56.14
308 Win	308C	PSP	180	2550	2335	2132	1940	1760	1596	2599	2179	1816	1504	1238	1017	-1.50	+2.45	0.00	-10.12	-29.48	-60.00
308 Win	308D	PSP	168	2559	2354	2160	1976	1803	1642	2443	2067	1740	1457	1212	1006	-1.50	2.39	0.00	-9.86	-28.65	-58.04
30-06 Sprg	3006A	PSP	150	2770	2497	2241	2003	1781	1582	2555	2076	1673	1336	1057	834	-1.50	+2.05	0.00	-9.00	-26.68	-55.22
30-06 Sprg	3006B	PSP	180	2650	2430	2221	2024	1839	1667	2807	2359	1972	1638	1351	1110	-1.50	+2.20	0.00	-9.27	-27.04	-55.01
30 M2	3006C	FMJ-BT	147	2772	2543	2326	2121	1928	1747	2508	2111	1766	1469	1214	997	-1.50	+1.94	0.00	-8.39	-24.52	-49.96
300 Win Mag	300A	PSP	150	3150	2902	2665	2438	2222	2017	3304	2804	2364	1979	1644	1355	-1.50	+1.31	0.00	-6.21	-18.26	-37.36
300 Win Mag	300B	PSP	180	2850	2619	2400	2193	1998	1814	3246	2742	2303	1923	1596	1315	-1.50	+1.79	0.00	-7.84	-22.92	-46.74
303 British	303A	FMJ	174	2400	2216	2042	1876	1720	1578	2225	1898	1611	1360	1143	962	-1.50	+2.80	0.00	-11.15	-32.16	-64.91
303 British	303B	SP	180	2450	2276	2110	1951	1799	1656	2399	2071	1779	1521	1294	1096	-1.50	+2.61	0.00	-10.44	-30.14	-60.15
8mm Mauser	8MA	PSP	170	2250	2013	1793	1594	1419	1265	1911	1530	1213	959	760	604	-1.50	+3.56	0.00	-14.40	-42.54	-88.06

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	VELOCITY (feet/second)					ENERGY (foot/pounds)					BULLET PATH (inches)				
				MUZZLE	50 Yds.	100 Yds.	150 Yds.	200 Yds.	MUZZLE	50 Yds.	100 Yds.	150 Yds.	200 Yds.	MUZZLE	50 Yds.	100 Yds.	150 Yds.	200 Yds.
30-30 Win	C3030SFA	SFHP	150	2100	1930	1769	1618	1478	1469	1240	1042	871	728	-0.50	+0.92	0.00	-3.67	-10.75
30-30 Win	3030A	FNPS	150	2300	2117	1943	1778	1627	1762	1492	1257	1053	881	-1.50	+0.22	0.00	-2.53	-7.80
30-30 Win	3030B	FNPS	170	2150	1991	1840	1697	1566	1745	1496	1277	1087	926	-1.50	+0.35	0.00	-2.92	-8.86
30 Carbine	30A	FMJ	110	1930	1681	1485	1279	1141	910	690	524	400	318	-0.50	0.00	-2.59	-9.27	-21.28
30 Carbine	30B	RNSP	110	1930	1681	1485	1279	1141	910	690	524	400	318	-0.50	0.00	-2.59	-9.27	-21.28

**Abbreviations:**

BlitzKing - Sierra Full Metal Jacket Boat Tail  
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 SP - Soft Point  
 SPBT - Soft Point Boat Tail  
 XLC-HP - XLC-Bullet

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading under the following conditions: 59°F., barometric pressure of 29.52 inches, sea level altitude.

# INTRODUCTION

## LAW ENFORCEMENT



### LAW ENFORCEMENT PRODUCTS

- PMC GREEN REDUCED HAZARD AMMUNITION
- HIGH PERFORMANCE RIFLE AMMUNITION
- STANDARD AND TRAINING RIFLE AMMUNITION
- SLUGS AND BUCKSHOT
- LESS LETHAL SHOTSHELLS
- TACTICAL SHOTSHELLS

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The PMC line of training and duty ammunition for law enforcement expands with an exciting selection of new products for 2004! We are extremely proud to announce the introduction of PMC Green™, an all-new line of truly non-toxic, frangible ammunition that is the complete solution to today's training problems. Available in seven pistol and three rifle calibers.

Also included in the new product line-up are eight less-lethal products: A 37mm Flexible (bean bag) Baton; a 40mm Flexible Baton; a 37mm Aero-Dynamic Drag Stabilized Flexible Baton; a 37mm Direct Fire Kinetic Impact Projectile; a 37mm Wood Multi-Baton; a 37mm Multi-Ball round loaded with .60 caliber rubber balls; a 37mm Multi-Ball round with .38 caliber balls; and a 40mm Wood Multi-Baton. These products are especially useful for correctional applications, civil disturbances, and by special response teams. They may also be used for special applications such as deploying safety lines, or to break windows to facilitate ventilation in certain fire situations. These 37 and 40mm items are only available to law enforcement agencies.



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Truly Non-Toxic Ammunition for Training and  
Special Duty Applications

That's right, TRULY non-toxic, manufactured with non-toxic primers, powder and frangible, lead-free bullets! We hope you'll pardon our enthusiasm, but this superb new product offers so many benefits and advantages to everyone involved in shooting, whether training, duty or recreation, it's hard to know where to begin.

First, let's look at the non-toxic benefit.

The reduced hazard primers used in PMC Green cartridges are not just lead-free, they contain no heavy metals whatsoever - no Lead, Mercury, Halogens, Boron, Barium, Bismuth or Strontium. That means they exceed current EPA standards! No lead is contained in PMC Green frangible bullets, which eliminates another toxin source. Spectrographic analysis of the residue from these primers shows that the only residual is a small trace of potash, which is completely harmless and will, in fact, actually act as a fertilizer on outdoor ranges. Trainers, trainees, range operators and employees, and recreational shooters no longer need to be exposed to the toxins contained in standard ammunition. Wildlife and the environment will also benefit because of reduced pollution.

What about primer sensitivity and reliability?

PMC non-toxic primers have been thoroughly tested by an independent laboratory (HP White Laboratories) and shown to have exceptional sensitivity and uniformity of ignition. Accelerated environmental testing has shown a shelf life of at least 25 years, surpassing other so-called non-toxic primers by a decade. Extensive testing and actual experience have clearly shown that PMC Green primers exhibit a degree of uniformity, reliability and sensitivity equal to the best standard non-corrosive primers.

Are special handling or storage required?

Temperature range should not exceed +175 degrees F. to -120 degrees F., which means these primers meet or exceed SAAMI specifications for lead-based primers! Further, they are non-hygroscopic (water resistant). Another testing agency soaked our primers in a bucket of water for 24 hours, let them dry for 1 hour, then loaded and fired them without a single failure. In other words, they will easily withstand the adverse temperature and humidity problems that have plagued other non-toxic primers. Reloaders will be pleased to learn that unlike some competitive products, these primers will work with a standard flash hole and DO NOT need to be crimped into the case.

Will they damage firearms?

No. They contain none of the harmful materials such as aluminum, iron, boric acid or ground glass that are found in some lead-free formulas. Therefore, we can safely say that no barrel damage, scorching or erosion will occur.

What about the bullets?

Composed of 93% copper and 7% polymer, PMC Green bullets are completely frangible, designed to disintegrate into a burst of dust upon impact with any material harder than themselves. They contain no materials, such as titanium or iron, that can prematurely wear out expensive barrels. They were specifically designed by John Mullins, CEO of Longbow, to fill the need for QJB training without risking the health and welfare of the trainee, trainer or bystanders. Mullins has personally demonstrated this product by firing it into a steel plate

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	VELOCITY (feet/second)					ENERGY (foot/pounds)					BULLET PATH (inches)							
				MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.
223 Rem	223HRA	NTF	40	3500	2606	1871	1315	-	-	1088	603	311	154	-	-	-0.13	+2.60	0.00	-12.81	-	-
308 Win	308HRA	NTF	120	2600	1866	1312	1020	-	-	1801	958	459	277	-	-	-0.13	+5.14	0.00	-25.67	-	-
7.62 x 39 Russian	7.62RHRA	NTF	100	2300	1910	1572	1298	-	-	1175	810	549	374	-	-	-1.50	+4.07	0.00	-18.30	-	-
CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	ENERGY (ft. lbs.)		VELOCITY (feet/second)			BULLET PATH (inches)												
38 Special	38HRA	NTF	85	307	1275	1181	1109	1052	1006	-0.13	+0.72	0.00	-2.47	-6.89							
9mm Luger	9HRA	NTF	75	303	1350	1240	1154	1088	1035	-0.13	+0.66	0.00	-2.22	-6.28							
357 Magnum	357MHRA	NTF	85	331	1325	1219	1139	1076	1025	-0.13	+0.53	0.00	-1.93	-6.59							
357 Sig	357HRA	NTF	85	413	1480	1356	1245	1158	1092	-0.13	+0.53	0.00	-1.93	-5.48							
40 S&W	40HRA	NTF	115	465	1350	1240	1154	1088	1035	-0.13	+0.64	0.00	-2.27	-6.36							
10mm Auto	10HRA	NTF	115	465	1350	1240	1154	1088	1035	-0.13	+0.64	0.00	-2.27	-6.36							
45 Auto	45HRA	NTF	145	390	1100	1045	999	961	928	-0.13	+0.93	0.00	-3.10	-8.55							

# RIFLE AMMUNITION

## HIGH PERFORMANCE



PMC high performance rifle ammunition has become the industry standard for accuracy, consistently out-scoring other brands in sniper schools and competitions across the country. It is made with the same care and attention to detail that we give our handgun ammunition, and offers the same excellent quality and

308 Winchester, 168 Gr. Sierra Match Hollow Point Boat Tail Bullet

Due to PMC's unique, proprietary manufacturing method, combined with the world renowned quality and accuracy of Sierra bullets, the accuracy of this cartridge is unparalleled. When innocent lives are at stake, rest assured that it will provide the type of pinpoint accuracy and terminal performance you expect and must have from sniper grade ammunition.



308SMB

223VB

223BKA

The extensive PMC rifle cartridge line is comprised of 23 different calibers, which are available in 79 different load configurations.



At PMC, we build in the same quality and reliability in our training ammunition that is incorporated in our high performance duty ammunition. That's not an idle claim. It is based on decades of manufacturing experience and testing. For instance, in a grueling 10,000 round test with PMC 223A (55 Gr. FMJ) in a semi-auto carbine there was not a single misfire, failure-to-feed, or other problem of any kind. That's reliability!

And we also believe that it should be available to you at prices that are kind to your budget. Your comparison is invited.

30-30 Winchester, 150 Gr. Starfire Hollow Point



C3030SF

For agencies who have adopted the 30-30 Winchester carbine for patrol car carry, this is the ideal cartridge. The expanding solid copper bullet with broad Starfire hollow point offers extremely deep penetration and the ability to defeat sheet steel and windshield glass with little or no loss of bullet weight



308D

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	MUZZLE	VELOCITY (feet/second)					MUZZLE	ENERGY (foot/pounds)					BULLET PATH (inches)					
					100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.		100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.	MUZZLE	100 Yds.	200 Yds.	300 Yds.	400 Yds.	500 Yds.
223 Rem	223HRA	NTF	40	3500	2606	1871	1315	-	-	1088	603	311	154	-	-	-13	+2.60	0.00	-12.81	-	-
223 Rem	223BKA	BlitzKing	50	3300	2874	2484	2130	1809	1530	1209	917	685	504	363	260	-1.50	1.37	0.00	-7.05	-21.83	-47.04
223 Rem	223SMA	HPBT Match	52	3200	2808	2447	2117	1817	1553	1182	910	691	517	381	278	-1.50	+1.47	0.00	-7.32	-22.45	-47.94
223 Rem	223SMB	HPBT Match	69	2900	2591	2304	2038	1791	1572	1288	1029	813	636	492	379	-1.50	+1.85	0.00	-8.43	-25.28	-52.82
223 Rem	223VB	HPBT	55	3240	2717	2250	1832	1473	1196	1282	901	618	410	265	175	-1.50	+1.65	0.00	-8.61	-27.67	-62.20
223 Rem	223A	FMJ-BT	55	3200	2833	2493	2180	1893	1635	1250	980	759	580	438	326	-1.50	0.00	-2.86	-11.34	-27.19	-52.61
223 Rem	223B	PSP	55	3100	2689	2314	1974	1670	1414	1174	883	654	476	341	244	-1.50	0.00	-3.34	-13.24	-32.03	-63.27
223 Rem	223C	PSP	64	2800	2503	2241	2009	1803	1619	1114	891	714	573	462	373	-1.50	0.00	-4.07	-15.09	-34.82	-65.44
7.62 x 39 Russian	7.62RHRA	NTF	100	2300	1910	1572	1298	-	-	1175	810	549	374	-	-	-1.50	+4.07	0.00	-18.30	-	-
7.62 x 39	7.62A	FMJ	123	2350	2072	1817	1583	1368	1171	1495	1162	894	678	507	371	+0.60	0.00	-5.00	-26.40	-67.80	-135.00
7.62 x 39	7.62B	PSP	125	2320	2046	1794	1563	1350	1156	1493	1161	893	678	505	371	+0.70	0.00	-5.20	-27.50	-70.60	-140.00
308 Win	308HRA	NTF	120	2600	1866	1312	1020	-	-	1801	958	459	277	-	-	-13	+5.14	0.00	-25.67	-	-
308 Win	308HA	SPBT	150	2820	2581	2354	2139	1935	1744	2648	2218	1846	1523	1247	1013	-1.50	+1.89	0.00	-8.18	-23.96	-49.00
308 Win	308HC	SPBT	180	2620	2446	2278	2117	1962	1815	2743	2391	2074	1790	1538	1316	-1.50	+2.17	0.00	-8.89	-25.54	-51.32
308 Win	308SMB	HPBT Match	168	2650	2460	2278	2103	1936	1778	2619	2257	1935	1649	1399	1179	-1.50	+2.14	0.00	-8.85	-25.59	-51.64
308 Win (7.62 NATO)	308B	FMJ-BT	147	2780	2575	2380	2194	2018	1851	2522	2164	1848	1571	1329	1118	-1.50	+1.88	0.00	-8.03	-23.29	-47.11
308 Win	308A	PSP	150	2750	2478	2224	1987	1766	1569	2519	2045	1647	1315	1039	820	-1.50	0.00	-4.18	-15.42	-35.49	-66.60
308 Win	308C	PSP	180	2550	2335	2132	1940	1760	1596	2599	2179	1816	1504	1238	1017	-1.50	0.00	-4.89	-17.46	-39.26	-72.23
308 Win	308D	PSP	168	2559	2354	2160	1976	1803	1642	2443	2067	1740	1457	1212	1006	-1.50	2.39	0.00	-9.86	-28.65	-58.04
30-06 Sprq	3006HA	SPBT	150	2900	2657	2427	2208	2000	1805	2801	2351	1961	1623	1332	1085	-1.50	+1.74	0.00	-7.66	-22.51	-46.04
30-06 Sprq	3006HC	SPBT	180	2700	2523	2352	2188	2030	1879	2913	2543	2210	1913	1646	1411	-1.50	+2.00	0.00	-8.28	-23.89	-47.94
30-06 Sprq	3006A	PSP	150	2770	2497	2241	2003	1781	1582	2555	2076	1673	1336	1057	834	-1.50	0.00	-4.10	-15.14	-34.88	-65.46
30-06 Sprq	3006B	PSP	180	2550	2357	2172	1996	1829	1671	2598	2220	1886	1592	1336	1115	-1.50	+2.38	0.00	-9.74	28.20	-57.05
300 Win Mag	300HA	SPBT	150	3250	2987	2739	2504	2281	2070	3517	2970	2498	2088	1733	1426	-1.50	+1.20	0.00	-5.96	-17.41	-35.55
300 Win Mag	300HC	SPBT	180	2900	2714	2536	2365	2200	2042	3361	2944	2571	2235	1935	1666	-1.50	+1.65	0.00	-7.08	-20.34	-40.85
300 Win Mag	300A	PSP	150	3150	2902	2665	2438	2222	2017	3304	2804	2364	1979	1644	1355	-1.50	+1.31	0.00	-6.21	-18.26	-37.36
300 Win Mag	300B	PSP	180	2850	2619	2400	2193	1998	1814	3246	2742	2303	1923	1596	1315	-1.50	0.00	-3.58	-13.21	-30.08	-55.69

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	MUZZLE	VELOCITY (feet/second)				MUZZLE	ENERGY (foot/pounds)			MUZZLE	BULLET PATH (inches)				
					50 yds.	100 yds.	150 yds.	200 yds.		50 yds.	100 yds.	150 yds.		200 yds.	50 yds.	100 yds.	150 yds.	200 yds.
30-30 Win	C3030SFA	SFHP	150	2100	1930	1769	1618	1478	1469	1240	1042	871	728	-0.50	+0.92	0.00	-3.67	-10.75
30-30 Win	3030A	FNSP	150	2300	2117	1943	1778	1627	1762	1492	1257	1053	881	-1.50	+0.22	0.00	-2.53	-7.80
30-30 Win	3030B	FNSP	170	2150	1991	1840	1697	1566	1745	1496	1277	1087	926	-1.50	+0.35	0.00	-2.92	-8.86
30-30 Win/Cowboy	30-30CB	LFP	170	1300	1198	1121	-	-	638	541	474	-	-	-1.50	+2.77	0.00	-9.66	-26.99
30 Carbine	30A	FMJ	110	1930	1681	1485	1279	1141	910	690	524	400	318	-0.50	0.00	-2.59	-9.27	-21.28
30 Carbine	30B	RNSP	110	1930	1681	1485	1279	1141	910	690	524	400	318	-0.50	0.00	-2.59	-9.27	-21.28

## Abbreviations

- BlitzKing Sierra w/Blaser
- Ballistic Tip
- HPBT Hollow Point Boat Tail
- FMJ-BT Full Metal Jacket Boat Tail
- PSP Pointed Soft Point
- FMJ Full Metal Jacket
- SPBT Soft Point Boat Tail
- SFHP Starfire Hollow Point
- FNSP Flat Nose Soft Point
- LFP Lead Flat Point
- RNSP Round Nose Soft Point

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading.



# RIFLE AMMUNITION

## STANDARD & TRAINING



# SHOTSHELLS

# SHOTSHELLS

## SLUG BUCKSHOT LESS LETHAL



The PMC line of premium quality shotshells continues to grow. We are now proud to offer one of the most comprehensive lines designed for the Law Enforcement community available today - including hard hitting duty shells, low recoil training shells, and special purpose, Less Lethal shells for those situations where lethal force is not desired. We've also answered the call for a shoulder-saving light buckshot load. In fact, our excellent variety of rifle, pistol and shotgun cartridges now makes it possible to find your entire range of ammo needs at one responsive

### PMC High Velocity, One Ounce Rifled Slug

This accurate rifled slug leaves the muzzle at 1600 feet per second, providing tremendous striking power, even at long ranges. A special plastic wad cushions the recoil, allowing quick recovery for fast, accurate second shots.



### Door Breaching Slug



This 12 Ga., 2<sup>3</sup>/<sub>4</sub>-inch round is used to destroy locks, hinges and fixtures on doors and automobiles. With a muzzle velocity of 1560 feet per second, it is capable of completely removing a hinge from a wood door (metal doors may require a second shot), or the bolt from most locking mechanisms. During testing on 5/16-inch shank padlocks, it has dislodged the shackles completely. Will defeat automobile trunk and door mechanisms with little or no collateral damage to the vehicle interior. The Door Breaching Slug cartridge can double as a slug for short range (<25 yds.) situations, and is capable of two inch groups at 25 yards

when fired from a rifled barrel. The slug will not damage shotgun bores, as it is constructed of fine metal shot, bound in a special matrix that allows breakup into a fine powder upon impact. This minimizes the potential for injury on the opposite side of the door. Meets terminal ballistic requirements of the U.S. Navy for



### Lead Free, Frangible Slug

Totally lead-free shotgun shell designed for training on ranges that restrict the use of lead. It employs a lead-free frangible slug and a special lead-free primer. The slug disintegrates completely on impact, reducing the possibility of ricochet or back splatter, and is easier on backstops and other downrange equipment. Since this shell is completely lead-free, it does not contribute to the volume of airborne lead particles at the range.



### Flash-Bang Distraction, Impact

12 Ga., 2<sup>3</sup>/<sub>4</sub>-inch flash-bang cartridge for use in tactical situations where distraction, disorientation or diversion caused by the flash and blast effect would be useful. It employs a mechanical impact fuse that is non-corrosive and becomes fully armed after approximately 10



meters of travel.

Ignition is caused by impact with resistant targets such as wood, concrete, stone, asphalt, glass, sheetrock and other hard surfaces. This allows the officer to control the point of ignition for best effectiveness, and to minimize the potential for injury or collateral damage. Can be fired in the near vicinity (approx. two feet) of an individual without causing serious injury. Excellent for use in crowd control, animal and game control, cover for squad movement, building or

A number of items are available as special orders, including: (in 12 ga.) Anti-Vehicle Slug, Quadrangle Buckshot, Reduced Recoil Slug, Aerial Distraction Cartridge, Rubber Multi-Baton, Low Velocity Rubber Buckshot, 24 Pellet Rubber Buckshot, Close Range Bean Bag and (in 37mm & 40mm) various range Bean Bags, Bean Bag Sock, Rubber Fin Baton, Wood Multi-

ITEM NO.	SHELL TYPE	GAUGE	LENGTH (INCHES)	DRAM POWV.	MUZZLE VELOCITY	OUNCES OF SHOT	SHOT SIZE
BSH1200	Buckshot (Heavy)	12	2 3/4	MAX	1325	9-Pellet	00 Buck
BSL1200	Buckshot (Light)	12	2 3/4	3	1140	9-Pellet	00 Buck
BS124	Buckshot #4	12	2 3/4	MAX	1325	27-Pellet	4 Buck
SL12B1	Slug (Rifled)	12	2 3/4	MAX	1600	1	Slug

ITEM NO.	SHELL TYPE	GAUGE	LENGTH (INCHES)	PROPELLANT WEIGHT	MUZZLE VELOCITY	NUMBER OF PROJECTILES	TYPE
SL12S1	Door Breaching Slug	12	2 3/4	2.00 gr.	1560	1	30 gr. Slug
SL12S2	Lead Free Frangible Slug	12	2 3/4	1.5 gr.	1350	1	Lead Free 1 oz. Slug
DC12A	Flash Bang Distraction	12	2 3/4		300	1	Cartridge, Distraction Impact Functioning

ITEM NO.	SHELL TYPE	GAUGE	LENGTH (INCHES)	PROPELLANT WEIGHT	MUZZLE VELOCITY	NUMBER OF PROJECTILES	TYPE
RBS1200	Rubber Buckshot	12	2 3/4	3-.6 gr.	900	12-Pellet	000 Buck
RSL12B	Rubber Fin Baton	12	2 3/4		450	1	Rubber Rocket
FB12A	Standard Bean Bag	12	2 3/4	.14-.25 gr.	300	1	Bean Bag
FB12S1	Extended Range Bean Bag	12	2 3/4	.14-.25 gr.	280-300	1	Sock Bean Bag

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading under the following conditions: 59°F., barometric pressure of 29.52 inches, sea level altitude.

### PMC Buckshot



#### Heavy Nine-Pellet 00 Load

This service load features a MAX Dram Equivalent propellant charge, resulting in a velocity of 1325 feet per second for excellent penetration, tight patterns and maximum knock-down power.

#### Light Nine-Pellet 00 Load

Designed to make training easier on the shoulder, this light recoil training load has a reduced muzzle velocity of 1140 feet per second, but still offers tight patterns.

#### High Velocity #4 Buckshot Load

The MAX Dram Equivalent propellant charge in this high velocity shell produces a velocity of 1325 feet per second. More, smaller shot make this load ideal for train security, prisons & animal control.



### 000 Rubber Buckshot, 12-

Designed for corrections, animal and crowd control, railroad security and other applications where low energy multi-projectile ammunition would be effective. This shell is loaded with twelve 3/8-inch rubber balls.

### Fin-Stabilized Rubber

The projectile in this shell utilizes canted fins to produce stable flight, resulting in greater accuracy. It also has a bore-riding band, which centers the projectile in the bore, thereby further enhancing accuracy. It will produce groups of approximately 2-4 inches at 20 meters, or 12-18 inches at 50 meters. It may be fired directly at an individual, is ideally suited for long range crowd control applications, and has sufficient energy for use as extended range kinetic impact munition.



### Flexible Baton, Standard Bean



This 2<sup>3</sup>/<sub>4</sub>-inch, 12 Ga. shell contains a lead-shot-filled fabric bag traveling at moderate velocity (approx. 300 feet per second). It is non-penetrating and delivers its kinetic energy over a broad surface area. On impact, the bag collapses and the shot acts as a fluid medium, distributing its kinetic energy over four square inches. Ideal for crowd control during civil disturbances, corrections, animal control and for taking out windows. For use when force has been authorized, but deadly force is not desirable.

### Flexible Baton, Extended Range Bean

Designed for stability in flight, this flexible, 40-gran bean bag projectile is composed of two layers of very strong fabric and an elastomeric liner, filled with #9 lead shot. It incorporates a tufted tail and boom to improve flight stability and accuracy, resulting in a three-shot group of 1.50 inches at 20 yards when fired from a cylinder bore barrel. Its superior construction strength allows the projectile to withstand impact with a steel plate at 10 yards without breaking. It is designed to expand on impact, spreading its force over a broad surface area (width of area dependent on remaining energy and target resistance). FB12S1 Muzzle velocity produced by this 12 Ga., 2<sup>3</sup>/<sub>4</sub>-inch shell is 300 feet per second from a cylinder bore barrel, or 280 fps from an improved cylinder barrel.



## TACTICAL 37MM & 40MM



# HANDGUN AMMUNITION

# HANDGUN AMMUNITION

## STARFIRE DUTY

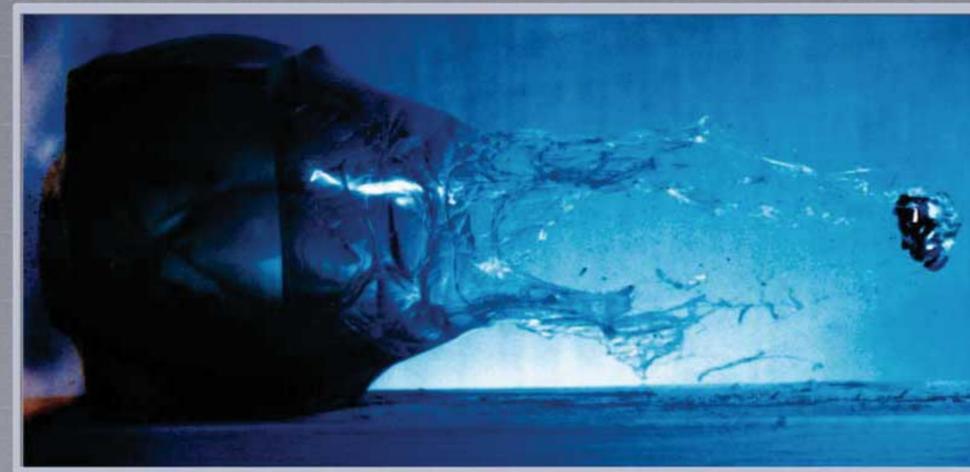
## HIGH PERFORMANCE



Starfire bullets were individually designed to provide the broadest expansion and strongest wounding potential available to law enforcement officers. When fully mushroomed, expansion averages 1.7 times original bullet diameter, providing maximum energy transfer to the target. Penetration averages 10 to 14 inches in all but the 380 Auto caliber.

The secret of Starfire's impressive performance lies in a unique, patented, rib-and-flute hollow point cavity design that's like no other. Upon impact, the pre-notched jacket mouth begins to peel back, separating into six uniform copper petals and allowing expansion to begin. Pressure from incoming material creates lateral pressure on the ribs in the cavity wall, forcing them apart and allowing nearly instantaneous expansion of the lead core to the depth of the deep hollow point cavity. The sharp ribs are then exposed and form the leading edge of the expanded bullet, helping it cut its way through. The result is broad temporary and permanent wound cavities and impressive stopping power.

Starfire bullet integrity is excellent, averaging 98% weight retention in 10% ballistic gel -



The ultimate in controlled expansion

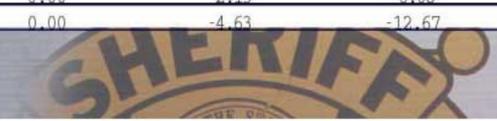


While the bullet design and nickel plated cases of all Starfire cartridges facilitate smooth and reliable feeding in semi-automatic handguns, the bullet ogive and propellant impulse of 9mm Starfire have been specifically engineered to provide trouble-free, completely reliable feeding in fully automatic weapons. This enables the use of high performance hollow point cartridges that feed just as dependably as ball ammunition when the full auto setting is necessary.

The Starfire bullet was designed by one of today's most well-known and respected inventors of high performance bullets.

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (GRAINS)	ENERGY (FT. LBS.)	MUZZLE	VELOCITY (FEET/SECOND)				BULLET PATH (INCHES)			
						25 YDS.	50 YDS.	75 YDS.	100 YDS.	25 YDS.	50 YDS.	75 YDS.	100 YDS.
380 Auto	380SFA	SFHP	95	180	925	884	847	813	783	1.14	0.00	-4.12	-11.49
38 Special +P	38SFA	SFHP	125	251	950	918	889	863	838	1.06	0.00	-3.77	-10.45
9mm Luger	9SFL	SFHP	95	330	1250	1239	1228	1217	1207	0.46	0.00	-1.90	-5.26
9mm Luger	9SFB	SFHP	124	327	1090	1043	1003	969	939	0.75	0.00	-2.89	-8.03
357 Magnum	357SFA	SFHP	150	480	1200	1131	1076	1031	992	0.60	0.00	-2.47	-6.97
357 Sig	357Sig-SFB	SFHP	124	502	1350	1263	1190	1132	1083	0.43	0.00	-1.96	-5.62
40 S&W	40SFA	SFHP	180	388	985	958	933	910	889	0.93	0.00	-3.45	-9.58
40 S&W	40SFB	SFHP	155	463	1160	1092	1039	994	957	0.65	0.00	-2.66	-7.47
10mm Auto	10SFA	SFHP	180	361	950	926	903	882	862	1.04	0.00	-3.70	-10.16
44 Rem. Mag	44SFA	SFHP	240	900	1300	1212	1138	1079	1030	0.49	0.00	-2.13	-6.08
45 Auto	45SFA	SFHP	230	369	850	830	811	792	775	1.32	0.00	-4.63	-12.67

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading under the following conditions: 59°F., barometric pressure of 29.52 inches, sea level altitude.



# HOME DEFENSE

## STARFIRE HANDGUN AMMUNITION PMC GREEN HANDGUN AMMUNITION

PMC GREEN NON-TOXIC, FRANGIBLE AMMUNITION  
AN EXCELLENT CHOICE FOR HOME DEFENSE!

A vital consideration in choosing the right ammunition for home defense is the safety and well-being of others - your loved ones, neighbors, anyone who might be unintentionally harmed by an errant or over-penetrating bullet.

Because of its frangible bullet, PMC Green can significantly reduce that risk. The homogeneous bullet is composed of small particles of copper and polymer by an injection molding process. It is designed to burst into a puff of dust upon impact with any surface harder than itself, and has no jacket or plating to impede its disintegration or break up into secondary projectiles. This means it is much less likely to ricochet or over-penetrate than standard bullets.

PMC Green also offers the excellent reliability so important when the well-being of your loved ones or yourself is at stake. Testing

by the well-known and respected H. P. White Laboratories has shown that PMC Green non-toxic primers have exceptional sensitivity and uniformity, equal to that of the best standard primers available today.

PMC Green ammunition is also a superior choice for use in other sensitive environments where rico-

chets and over-penetration are not acceptable, such as nuclear facilities, schools, airports and shipboard applications.



STARFIRE HIGH PERFORMANCE DUTY AMMUNITION  
AN EXCELLENT CHOICE FOR HOME DEFENSE!

For well over a decade, Starfire high performance cartridges have been chosen by thousands of consumers as their chief means of home and personal defense. The Starfire bullet, brainchild of Tom Burczynski - the "dean" of high performance handgun bullet designers - was a frontrunner in the new era of advanced bullet design, and it's still going strong today! The key to the broad, extremely reliable expansion inherent in each Starfire caliber, is the patented rib and flute design inside the deep hollow point cavity, hyper-expanding the bullet to nearly twice its original diameter and allowing it to deliver tremendous stopping power on target. Starfire's optimal average penetration of 9" to 14" means the bullet's energy is expended in the target, rather than wasted on the landscape behind the target.

NEW FOR 2004

PMC's extensive Bronze Line of cartridges, with more than 40 different caliber/bullet combinations, grows again this year with the addition of the 9 x 18mm Makarov and the 7.62 x 25mm Tokarev. Originally developed in Russia, these cartridges have been gaining in popularity in the United States and elsewhere since the late 1980's. Their addition to our Bronze Line answers a demand from PMC customers for reasonably priced, general purpose ammunition.

7.62 x 25mm Tokarev

Developed in the 1930's, the Tokarev pistol was based on a Browning design, and is similar to the Colt 45 Automatic pistol. The 7.62 x 25mm cartridge was the official Soviet pistol cartridge for years, with performance similar to the 7.63 Mauser. The new PMC cartridge incorporates a 93 gr. FMJ bullet.



9 x 18mm Makarov

The Makarov pistol evolved from the great Walther pocket pistols, and was adopted by the Russian military following World War II. It is one of the finest defensive pistols ever produced. The 9 x 18mm cartridge is slightly more powerful than the 380 Auto, but slightly shorter than the 9mm Luger. PMC will offer the 9 x 18mm Makarov with a 100 gr., FMJ-TC bullet, at a muzzle velocity of 1065 fps.

# HOME DEFENSE

## NEW FOR 2004 7.62 X 25MM TOKAREV 9 X 18MM MAKAROV

# CENTERFIRE HANDGUN

## HANDGUN BULLETS DESIGN & PURPOSE

### PMC HANDGUN BULLET DESIGN & PURPOSE

#### PMC GOLD, SILVER AND BRONZE HANDGUN AMMUNITION

If you can't find the type of bullet you're looking for in the PMC line, it probably isn't made! One of the most complete lines of handgun ammunition in the world, it includes everything from high performance hollow points to lead round nose, from jacketed soft points to wadcutter. And the selection gets bigger each year!

#### GOLD LINE

The entire selection of PMC Gold Line handgun ammunition is loaded with our proprietary, high performance Starfire hollow point bullet - an unbeatable choice for home, personal defense and law enforcement. The Starfire bullet hyper-expands on impact to deliver more stopping power on target, combined with optimal penetration and excellent bullet integrity.

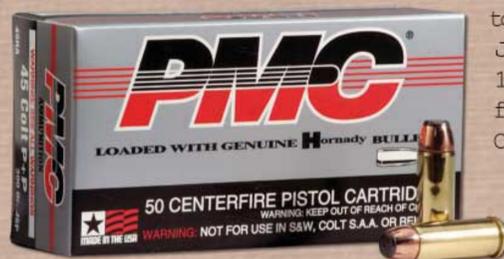
GOLD  
LINE



#### SILVER LINE

Responding to customer demand for a hunting load in the long-popular 45 Colt caliber, PMC has introduced a hard-hitting cartridge suitable for taking big game up to deer or black bear size. It is loaded with a 300 grain, Jacketed Soft Point bullet at a muzzle velocity of 1250 feet per second. This cartridge is not for use in firearms of weaker receiver/frame strength, such as the Colt Single Action Army.

SILVER  
LINE



#### BRONZE LINE

Our most reasonably priced handgun ammunition, PMC offers more than 40 different caliber/bullet combinations - one of the largest selections in the industry and growing larger each year. PMC Bronze Line ammunition brings to our customers a tradition of accurate, high quality ammo at a price everyone can afford!

BRONZE  
LINE



#### FULL METAL JACKET (FMJ)

Lead core is enclosed by a strong metal jacket on this non-expanding, deep-penetrating general-purpose bullet. Provides smooth, reliable feeding in all types of semi-auto handguns.

#### FULL METAL JACKET FLAT POINT (FMJ-FP)

Non-expanding and deep penetrating, this general purpose bullet is a good choice for target use because of its accuracy. Its lead core is enclosed by a metal jacket, which eliminates barrel leading. Provides smooth, reliable feeding in semi-automatic handguns.

#### FULL METAL JACKET SEMI-WADCUTTER (FMJ-SWC)

Designed primarily for target and competition shooting, this bullet exhibits superior accuracy. Its swaged lead core is enclosed by a strong metal jacket, eliminating barrel leading.

#### FULL METAL JACKET TRUNCATED CONE (FMJ-TC)

The truncated cone shape of this bullet makes feeding smooth and reliable in semi-autos. Cannot lead barrels because its lead core is enclosed by a heavy metal jacket. Excellent accuracy.

#### JACKETED HOLLOW POINT (JHP)

The exposed lead at the tip of the PMC jacketed hollow point rapidly initiates uniform, controlled expansion that progresses to the depth of the hollow point cavity. Penetration is also controlled for maximum energy transfer to the target, assuring its suitability as a hunting bullet. Excellent accuracy and bullet integrity.

#### JACKETED SOFT POINT (JSP)

Exposed lead soft point initiates reliable expansion, provides deeper penetration than hollow point bullets. Precisely engineered copper jacket and swaged lead core provides the necessary concentricity and balance required for top-level accuracy.

#### LEAD ROUND NOSE (LRN)

Solid lead lubricated bullet with rounded ogive for down range accuracy. Hard-hitting economical, general purpose bullet for all revolvers.

#### LEAD SEMI-WADCUTTER (LSWC)

Lead, lubricated bullet with semi-pointed nose. Formed by swaging process with sharp shoulder for clean hole punching in paper targets. Good choice for target or general purpose shooting.

#### LEAD WADCUTTER (LWC)

The full wadcutter profile of the solid lead, lubricated bullet cuts a clean signature in paper targets for precise scoring. Consistent accuracy results from formation by swaging process, which eliminates balance-destroying voids often found in cast bullets. Excellent choice for competitive shooters.

#### NON-TOXIC FRANGIBLE (NTF)

Formed from a composite of fine copper and polymer particles by injection molding, the PMC Green frangible bullet is lead-free and completely non-toxic. Designed to shatter into dust-size particles upon impact with materials harder than itself, it is much less likely to ricochet or over-penetrate. Its homogeneous construction means there is no jacket or plating to impede disintegration. Feeding is smooth and accuracy is excellent.

#### STARFIRE HOLLOW POINT (SFHP)

The Starfire hollow point's impressive performance comes from its unique rib-and-flute hollow point cavity design. Upon impact, pressure from incoming fluidic material creates lateral pressure on the ribs, forcing instant, extremely reliable expansion, assisted by a notched jacket mouth. Ogives are computer engineered to assure that feeding in semi-auto weapons is smooth and positive.

#### TRUNCATED CONE SOFT POINT (TC-SP)

An excellent choice for hunting and general shooting, the soft point of this

# CENTERFIRE HANDGUN

## HANDGUN BULLETS DESIGN & PURPOSE

PMC GREEN



### Abbreviations

- FMJ Full Metal Jacket
- FN Flat Nose
- FP Flat Point
- GCK Gas Check
- JHP Jacketed Hollow Point
- JSP Jacketed Soft Point
- LRN Lead Round Nose
- LSWC Lead Semi Wadcutter
- LWC Lead Wadcutter
- NTF Non-Toxic Frangible
- SFHP Starfire Hollow Point
- TC Truncated Cone

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	ENERGY (ft. lbs.)	VELOCITY (feet/second)					BULLET PATH (inches)			
					MUZZLE	25 Yds.	50 Yds.	75 Yds.	100 Yds.	25 Yds.	50 Yds.	75 Yds.	100 Yds.
Cowboy Round ballistics (38CA, 357CA, 44CD, 44-40CA & 45IA) can be found on page 35.													
38 Special	38HRA	NTF	85	307	1275	1181	1109	1052	1006	.72	0.00	-2.47	-6.89
9mm Luger	9HRA	NTF	75	303	1350	1240	1154	1088	1035	.66	0.00	-2.22	-6.28
357 Magnum	357MHRA	NTF	85	331	1325	1219	1139	1076	1025	.53	0.00	-1.93	-6.59
357 Sig	357HRA	NTF	85	413	1480	1356	1245	1158	1092	.53	0.00	-1.93	-5.48
40 S&W	40HRA	NTF	115	465	1350	1240	1154	1088	1035	.64	0.00	-2.27	-6.36
10mm Auto	10HRA	NTF	115	465	1350	1240	1154	1088	1035	.64	0.00	-2.27	-6.36
45 Auto	45HRA	NTF	145	390	1100	1045	999	961	928	.93	0.00	-3.10	-8.55
380 Auto	380SFA	SFHP	95	180	925	884	847	813	783	1.14	0.00	-4.12	-11.49
38 Special +P	38SFA	SFHP	125	251	950	918	889	863	838	1.06	0.00	-3.77	-10.45
9mm Luger	9SFL	SFHP	95	330	1250	1239	1228	1217	1207	0.46	0.00	-1.90	-5.26
9mm Luger	9SFB	SFHP	124	327	1090	1043	1003	969	939	0.75	0.00	-2.89	-8.03
357 Magnum	357SFA	SFHP	150	480	1200	1131	1076	1031	992	0.60	0.00	-2.47	-6.97
357 Sig	357Sig-SFB	SFHP	124	502	1350	1263	1190	1132	1083	0.43	0.00	-1.96	-5.62
40 S&W	40SFA	SFHP	180	388	985	958	933	910	889	0.93	0.00	-3.45	-9.58
40 S&W	40SFB	SFHP	155	463	1160	1092	1039	994	957	0.65	0.00	-2.66	-7.47
10mm Auto	10SFA	SFHP	180	361	950	926	903	882	862	1.04	0.00	-3.70	-10.16
44 Rem. Mag	44SFA	SFHP	240	900	1300	1212	1138	1079	1030	0.49	0.00	-2.13	-6.08
45 Auto	45SFA	SFHP	230	369	850	830	811	792	775	1.32	0.00	-4.63	-12.67
45 Colt +P+	45HA*	JSP	300	1041	1250	1192	1144	1102	1066	0.51	0.00	-2.17	-6.13
25 Auto	25A	FMJ	50	62	750	722	695	670	645	1.83	0.00	-6.33	-17.50
7.62x25mm Tokarev	7.62RUS	FMJ	93	TBD									
32 Auto	32A	FMJ	71	126	900	869	838	809	781	1.19	0.00	-4.28	-11.89
32 Auto	32B	JHP	60	117	980	849	820	791	763	1.26	0.00	-4.49	-12.46
32 S&W Long	32SWLA	LRN	98	132	780	758	737	717	697	1.64	0.00	-5.64	-15.50
32 S&W Long	32SWLB	LWC	100	103	680	655	630	607	584	2.28	0.00	-7.75	-21.40
380 Auto	380A	FMJ	90	169	920	886	853	822	791	1.13	0.00	-4.12	-11.46
380 Auto	380B	JHP	90	169	920	886	853	822	791	1.13	0.00	-4.12	-11.46
38 Special	38A	LRN	158	235	820	801	783	765	749	1.43	0.00	-5.00	-13.74
38 Special	38C	LWC	148	175	730	703	677	652	628	1.95	0.00	-6.69	-18.50
38 Special +P	38D	JHP	125	250	950	920	892	864	837	1.03	0.00	-3.77	-10.44
38 Special	38G	FMJ	132	207	840	817	795	773	752	1.38	0.00	-4.82	-13.27
38 Special	38N	JSP	158	225	800	780	760	741	722	1.54	0.00	-5.29	-14.55
38 Super Auto	38SA	FMJ	130	343	1090	1041	1000	965	934	0.75	0.00	-2.92	-8.16
38 Super Auto	38SB	JHP	115	320	1120	1061	1013	972	937	0.71	0.00	-2.83	-7.95
9mm Luger	9A	FMJ	115	338	1150	1099	1057	1020	988	0.65	0.00	-2.59	-7.26
9mm Luger	9B	JHP	115	344	1160	1099	1049	1007	971	0.65	0.00	-2.62	-7.37
9mm Luger	9G	FMJ	124	339	1110	1059	1017	980	949	0.71	0.00	-2.83	-7.86
9x18mm Makarov	9x18MAK	FMJ-TC	100	TBD									
357 Magnum	357A	JSP	158	505	1200	1132	1078	1033	994	0.60	0.00	-2.46	-6.95
357 Magnum	357B	JHP	125	584	1450	1337	1235	1155	1093	0.36	0.00	-1.78	-5.19
357 Magnum	357C	JHP	150	504	1230	1158	1100	1053	1012	0.56	0.00	-2.35	-6.65
357 Sig	357Sig-A	FMJ-FP	124	512	1350	1242	1158	1093	1040	0.45	0.00	-2.07	-5.95
40 S&W	40B	JHP	165	396	1040	1002	970	941	915	0.83	0.00	-3.14	-8.75
40 S&W	40D	FMJ	165	355	985	955	928	903	879	0.94	0.00	-3.46	-9.59
40 S&W	40E	FMJ-FP	180	388	985	957	931	908	885	0.94	0.00	-3.44	-9.52
10mm Auto	10A	FMJ-TC	200	490	1050	1008	972	941	912	0.82	0.00	-3.08	-8.63
10 mm Auto	10B	JHP	170	543	1200	1117	1052	1000	958	0.62	0.00	-2.55	-7.21
41 Rem Mag	41A	JHP	210	774	1289	1200	1127	1068	1020	0.5	0.00	-2.18	-6.20
41 Rem Mag	41C	TC-SP	210	788	1300	1210	1141	1065	1038	0.49	0.00	-2.16	-6.15
44 S&W Special	44SA	SWC	240	308	760	737	714	692	671	1.75	0.00	-6.01	-16.56
44 S&W Special	44SB	JHP	180	383	980	938	902	869	839	1.00	0.00	-3.67	-10.14
44 Rem. Mag	44A	LSWC-GCK	240	833	1250	1168	1103	1051	1008	0.55	0.00	-2.32	-6.60
44 Rem. Mag	44B	JHP	180	783	1400	1270	1167	1091	1032	0.42	0.00	-2.01	-5.84
44 Rem. Mag	44C	JHP	240	901	1300	1217	1151	1098	1053	0.48	0.00	-2.12	-6.03
44 Rem. Mag	44D	TC-SP	240	900	1300	1216	1144	1086	1038	0.49	0.00	-2.11	-6.00
45 Auto	45A	FMJ	230	352	830	809	789	769	749	1.41	0.00	-4.90	-13.48
45 Auto	45B	JHP	185	333	900	867	836	805	776	1.19	0.00	-4.30	-11.96
45 Auto	45C	FMJ-SWC	200	321	850	818	788	761	734	1.36	0.00	-4.84	-13.48
45 Colt	45LB	FMJ-FP	250	355	800	783	766	750	733	1.52	0.00	-5.22	-14.31

\*WARNING: 45HA ammunition is loaded to higher pressures and is, therefore, not intended for use in firearms of weaker receiver/frame strength such as the Colt Single Action Army revolver. Please consult the firearms manufacturer for compatibility and use.

This ballistics table was calculated by using current data for each load. Velocity figures are from test barrels; user velocities may vary from those listed. The data in the table represents the approximate behavior of each loading under the following conditions: 59°F., barometric pressure of 29.52 inches, sea level.



Silver Line

Bronze Line

NEW FOR 2004

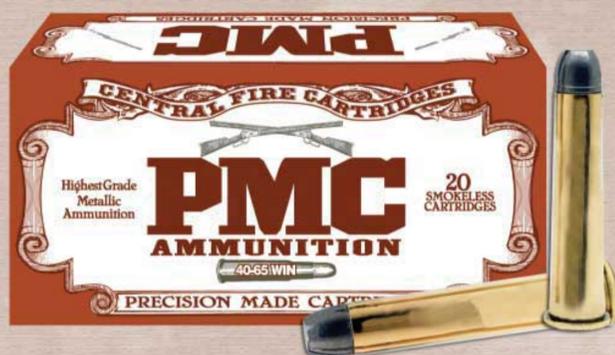
45-90 AND 40-65 RIFLE CALIBERS FOR COWBOY ACTION SHOOTERS

Two new authentic reproductions of historic rifle cartridges will be "ringing the steel" for Cowboy Action shooters with the introduction of the 45-90 Win. and 40-65 Win. in 2004. Both will be available in PMC's familiar "Old West" style packaging, and both will be loaded with handcast, lead flat point bullets very similar to those that were used in the original cartridges before the turn of the 20th century.

**NEW FOR  
2004  
45-90 &  
40-65**

40-65 Winchester

This cartridge was first introduced in 1887, and was loaded in both black and smokeless powder versions prior to being discontinued in 1935. The 40-65 was developed in an effort to increase the power of repeating rifles that competed with single shot rifles for favor with shooters of the day. The PMC smokeless powder version of the 40-65 will be loaded with a 260 gr. bullet, leaving the muzzle at 1450 fps.



45-90 Winchester

Introduced in 1886 as a black powder cartridge, a high-velocity, smokeless powder version became available in 1895, which helped flatten the trajectory of the big 300 gr. bullet. A popular sporting cartridge around the turn of the century, considered adequate for any North American big game at moderate range, the 45-90 was discontinued around 1936. Loaded with a 300 gr. bullet, the PMC 45-90 produces a muzzle velocity of 1500 fps.



COWBOY ACTION AMMUNITION

CALIBER	ITEM NO.	BULLET TYPE	WEIGHT (Grains)	VELOCITY			ENERGY			BULLET PATH			
				MUZZLE	50 Yds.	100 Yds.	MUZZLE	50 Yds.	100 Yds.	50 Yds.	100 Yds.	150 Yds.	200 Yds.
38 Special	38CA	LFP	158	800	761	725	225	203	185				
357 Magnum	357CA	LFP	158	800	761	725	225	203	185				
40-65 Win.	40-65CA	LFP	260	1450									
44 Special	44CD	LFP	240	750	719	690	300	275	253				
44-40 Win.	44-40CA	LFP	225	725	723	695	281	261	242				
45 Colt	451A	LFP	250	800	767	736	355	331	309				
30-30 Win.	30-30CB	LFP	170	1300	1198	1121	638	541	474	2.77	0.00	-9.66	-26.99
45-70 Gov't.	45-70CA	LFP	405	1350	1265	1193	1639	1438	1280	2.47	0.00	-8.56	-23.86
45-90 Win.	45-90CA	LFP	300	1500									

ABBREVIATIONS: LFP-Hard Cast Lead Flat Point

PMC METALLIC CARTRIDGES FOR COWBOY ACTION SHOOTERS

From 38 Special to 45-90 Winchester, PMC brings Cowboy shooters the ultimate in accurate, target flattening, factory loaded ammo. All nine smokeless powder cartridges are packaged in the "Old West" style typical of the late 1800's. They are authentic reproductions of the historic original cartridges, with hand cast, lead flat point bullets loaded to the moderate velocities that fit within Cowboy Action competition rules. Like all of our cartridges, PMC Cowboy ammo is manufactured to stringent quality control standards.

NEW FOR  
2004  
22WMC

BALLISTICS

NEW FOR 2004

PREDATOR 22 RIMFIRE MAGNUM FMJ

Fans of PMC's accurate 22 rimfire magnum ammunition now have a third, reasonably priced choice. Great for those shooters who want an all-around cartridge that can be used for hunting, varmints, pest control, target shooting or just plinking, there's a new, hard-hitting version of Predator with a 40 gr. full metal jacket bullet that fills the bill. It's quality-built with the same bullet weight and muzzle velocity (1910 fps) as our other Predator cartridges, allowing you to switch between them with minimal sight adjustment.



Magnum



Competition

PMC 22 RIMFIRE AMMUNITION

Produced through the use of state-of-the-art priming technology, PMC 22 Long Rifle ammunition offers shooters an excellent combination of accuracy, reliable ignition and overall superior performance.

Predator, 22 Magnum Your choice of genuine Jacketed Hollow Point, Jacketed Soft Point or Full Metal Jacketed bullets. Accurate, long range power for serious small game and varmint hunters.

Match Rifle, 22 LR Extremely accurate, optimized for use in bolt action competition rifles.

Match Pistol, 22 LR Extremely accurate, provides peak performance in competition pistols.

Scoremaster, 22 LR Accurate, low cost round for competition practice or all-around shooting.

Zapper, 22 LR Your choice of copper coated solid or copper coated hollow point bullets, an excellent round for small game hunting or general shooting.

Sidewinder, 22LR Lowest cost, suitable for small game hunting, target shooting, or plinking.

CALIBER	ITEM NO.	BULLET WEIGHT TYPE	ENERGY (grains)	MUZZLE	VELOCITY (feet/second)					BULLET PATH (inches)			
					MUZZLE	25 Yds.	50 Yds.	75 Yds.	100 Yds.	25 Yds.	50 Yds.	75 Yds.	100 Yds.
Predator 22 Magnum	22WMA	JSP	40	324	1910	1808	1711	1619	1533	0.08	0.00	-0.83	-2.48
Predator 22 Magnum	22WMB	JHP	40	324	1910	1808	1711	1619	1533	0.08	0.00	-0.83	-2.48
Predator 22 Magnum	22WMC	FMJ	40	324	1910	1808	1711	1619	1533	0.08	0.00	-0.83	-2.48
Match Rifle 22 IR Target Vel.	22MR	Solid	40	98	1050*	1000	956	919	885	0.84	0.00	-3.22	-9.03
Match Pistol 22 IR Target Vel.	22MP	Solid	40	72	900**	867	835	804	774	0.00	-2.39	-7.90	-16.78
Moderator 22 IR Subsonic Vel.	22SS	HP	38	84	1000	957	921	886	854	0.94	0.00	-3.50	-9.77
Zapper 22 IR High Vel.	22CC	Solid CC	40	140	1255	1156	1083	1025	978	0.56	0.00	-2.40	-6.85
Zapper 22 IR High Vel.	22D	HP CC	38	138	1280	1174	1097	1036	987	0.54	0.00	-2.33	-6.67
Scoremaster 22 IR Std. Vel.	22SM	Solid	40	114	1135	1066	1012	967	929	0.70	0.00	-2.82	-7.95
Sidewinder 22 IR High Vel.	22SC	Solid	40	139	1250	1153	1080	1023	976	0.57	0.00	-2.42	-6.89

ABBREVIATIONS: JHP-Jacketed Hollow Point JSP-Jacketed Soft Point HP-Hollow Point CC-Copper Coated \*24" Barrel \*\*4 1/2" Barrel

Hunting/Predators



Zapper, 22 IR Solid

Zapper, 22 IR HP



Moderator, 22

Sidewinder, 22

Predator, 22 Magnum

Predator, 22 Magnum

# PRIMERS NON-TOXIC

NEW FOR  
2004

NEW FOR 2004

PMC PROUDLY ANNOUNCES THE INTRODUCTION OF THE FIRST COMMERCIALY AVAILABLE, HEAVY METAL FREE, TRULY NON-TOXIC PRIMERS FOR HANDLOADERS

For the first time, handloaders have the option of using primers that are not only lead-free, they are completely devoid of the other heavy metals that are found in a number of the other primers currently available in the lead-free market, such as Boron, Barium, Bismuth or Strontium! These new primers are truly non-toxic!

And there's more good news! This patented product is also unique in that performance closely approximates all the features of the best standard non-corrosive primers. Thoroughly tested by the respected firm of H. P. White Laboratories, they were shown to have exceptional sensitivity and uniformity. No special handling is required, because they are non-hygroscopic and will withstand all adverse temperature and humidity problems that have plagued other non-toxic primers. In fact, the not-to-exceed temperature range for PMC Green primers is -120 degrees F. to +175 degrees F.

Other advantages include:

They meet or exceed all SAAMI specifications for lead-based primers!

Accelerated environmental testing has indicated a shelf life of at least 25 years, surpassing all other current non-toxic primers by a decade.

Spectrographic analysis of the exhaust from these primers shows the only residual from firing is a small trace of potash, which is completely harmless and commonly used as a fertilizer.

PMC Green primers contain none of the aluminum, iron, boric acid or glass that is found in some lead-free formulas. No barrel damage, scorching or erosion will occur from their use.

They work with a standard flash hole and do not need to be crimped into the case.

They are available in small and large pistol and rifle, both standard and magnum sizes, as well as shotshell, and plans for 50 caliber BMG primers are now underway.



# PRIMERS STANDARD

NEW FOR  
2004

NEW FOR 2004

ANNOUNCING THE AVAILABILITY OF A COMPLETE LINE OF STANDARD PRIMERS FROM PMC

Accuracy and consistency usually found only in match grade primers characterizes the new, high quality line of PMC primers now available to handloaders for 2004.

We are proud to announce the availability of a complete line of small and large pistol and rifle primers, as well as #209 shotshell primers. The line also includes the Berdan .217 (large rifle) primer.

As noted in a recent article in Precision Shooting magazine, PMC primers are ideal for benchrest shooting as they allow for tighter groupings than other, more commonly used primers. In addition, high power shooters competing in long range matches are finding not only better accuracy, but lower sigmas (velocity variation). Competitive shooters have said that the uniformity of PMC primers meets or exceeds the other match grade primers they have historically used.

Perhaps the best news for handloading shooters is the fact that these primers are available at or below the price of standard non-corrosive primers currently on the market.

**PMC GREEN**

SIZE	ITEM NO.	TYPE	DESCRIPTION		TOXICITY
Small Pistol	NTSP	Boxer	Non-Toxic Small Pistol Primer	Non-Corrosive	Heavy Metal Free
Small Pistol Magnum	NTSPM	Boxer	Non-Toxic Small Pistol Magnum Primer	Non-Corrosive	Heavy Metal Free
Large Pistol	NTLP	Boxer	Non-Toxic Large Pistol Primer	Non-Corrosive	Heavy Metal Free
Large Pistol Magnum	NTLPM	Boxer	Non-Toxic Large Pistol Magnum Primer	Non-Corrosive	Heavy Metal Free
Small Rifle	NTSR	Boxer	Non-Toxic Small Rifle Primer	Non-Corrosive	Heavy Metal Free
Small Rifle Magnum	NTSRM	Boxer	Non-Toxic Small Rifle Magnum Primer	Non-Corrosive	Heavy Metal Free
Large Rifle	NTLR	Boxer	Non-Toxic Large Rifle Primer	Non-Corrosive	Heavy Metal Free
Large Rifle Magnum	NTLRM	Boxer	Non-Toxic Large Rifle Magnum Primer	Non-Corrosive	Heavy Metal Free
.50 cal. BMG	NTBMG	Boxer	Non-Toxic .50 Caliber BMG	Non-Corrosive	Heavy Metal Free
.209 Shotshell	NT209	Shotshell	Non-Toxic .209 Shotshell Primer	Non-Corrosive	Heavy Metal Free
Small Pistol	SP	Boxer	Small Pistol Primer	Non-Corrosive	Standard
Small Pistol Magnum	SPM	Boxer	Small Pistol Magnum Primer	Non-Corrosive	Standard
Large Pistol	LP	Boxer	Large Pistol Primer	Non-Corrosive	Standard
Large Pistol Magnum	LPM	Boxer	Large Pistol Magnum Primer	Non-Corrosive	Standard
Small Rifle	SR	Boxer	Small Rifle Primer	Non-Corrosive	Standard
Small Rifle Magnum	SRM	Boxer	Small Rifle Magnum Primer	Non-Corrosive	Standard
Large Rifle	LR	Boxer	Large Rifle Primer	Non-Corrosive	Standard
Large Rifle Magnum	LRM	Boxer	Large Rifle Magnum Primer	Non-Corrosive	Standard
.209 Shotshell	S209	Shotshell	Standard .209 Shotshell Primer	Non-Corrosive	Standard
.217 Large Rifle	LRB	Berdan	Large Rifle Berdan Primer	-	Standard

