



HALF THE RECOIL. TWICE THE CONFIDENCE.

For years, shooters have wished for and hand-loaders have attempted to create a lower recoil load – usually by simply reducing the amount of gunpowder. The results did create less kick, but at the expense of bullet expansion and on-game performance. For many years, the gap between low recoil and effective hunting performance seemed an insurmountable one. That is, until now.

This year, we're unveiling a breakthrough in centerfire ammunition design. Introducing Managed-Recoil™ Centerfire Cartridges by Remington®.

New Managed-Recoil Centerfire Ammunition delivers the trusted Remington® field proven hunting performance out to 200 yards with half the recoil. How? Through a specialized new bullet that was developed specifically to perform at these cartridge's velocity levels. These bullets are optimized to provide 2x expansion with over 75% weight retention on shots inside of 50 yards and out to 200 yards. The end result is a high performance bullet optimized to provide the on-game results Remington Ammunition is known for, with half the felt recoil.

Available in 270 Win., 7mm Remington Magnum and 30-06 Springfield, the new Managed-Recoil centerfire cartridges are opening up a new world of possibilities for shooters and hunters in every walk of life. The new Managed-Recoil centerfire cartridges, changing the way you feel about ammunition and as well as the way you feel after you shoot.

BENEFITS:

- Fully effective hunting performance with less than 50% of the recoil from standard cartridges.
- Less anticipation of recoil.
- Increased shooter confidence and improved shot placement.
- Quicker scope recovery for faster second shot placement.
- Point of aim is within 2" of a standard cartridge at 100 yards.
- Target practice without the recoil pounding.

Fully effective energy and expansion out to 200 yards:



SLUGGER® MANAGED-RECOIL™ RIFLED SLUG LOADS

Slugger Managed-Recoil Rifled Slugs offer remarkably effective performance but with 45% less felt recoil than full velocity Sluggers. With effective energy out to 80 yards, these 1-ounce slugs easily handle the majority of shotgun deer hunting ranges. Less recoil means sighting-in at the range becomes a more comfortable, fun experience. And since the shooter is able to recover the target more quickly after firing, the accuracy and speed of the second shots is greatly improved.

Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Slug Wt.	Slug Type
SLUGGER® MANAGED-RECOIL™ RIFLED SLUG LOADS					
RL12RS	12	2 3/4"	1200	1	Rifled Slug

Slugger® Managed-Recoil Rifled Slug, 50 yds., 5 shots, 2.9"



EXPRESS® MANAGED-RECOIL™ BUCKSHOT LOADS

With less felt recoil than full velocity loads, Express Managed-Recoil Buckshot is an ideal close-range performer. Less recoil means second shot recovery is quicker, allowing the user to get back on target more easily. These new loads are built with the same precision of our standard 9-pellet 00 Buckshot loads and are buffered for dense patterns, allowing for highly effective performance at up to 40 yards.



Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Pellet Count	Slug Type
EXPRESS® MANAGED-RECOIL™ BUCKSHOT					
RL12BK00	12	2 3/4"	1200	9	00 BK

MANAGED-RECOIL APPLICATIONS.

While the uses for Managed-Recoil centerfire ammunition are numerous, some of the more popular applications are shown here.

All Hunters. Most deer hunting shots are taken well within 200 yards, Managed-Recoil cartridges provide effective performance, with less than 1/2 the recoil. The result is quicker scope recovery, better shot placement, and less anticipation of recoil.



Recoil-Sensitive Hunters. For shooters that are unable to tolerate the recoil of a standard cartridge, Managed-Recoil Cartridges are the perfect solution. Effective performance with half the recoil.



Youth and Women. Managed-Recoil allows youth and women to practice and hunt effectively, with nearly the same point of aim as a standard cartridge at 100 yards. Best of all, they can use an existing gun without readjusting the scope.

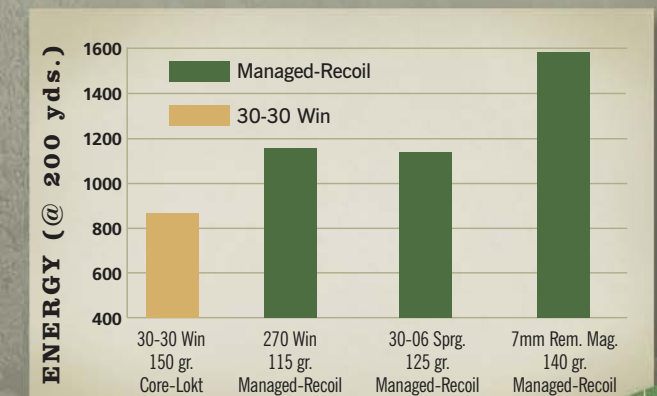


Practice Makes Perfect. For hunters that target shoot to improve their performance, Managed-Recoil cartridges provide more time on the range, without the bruises to prove it. It offers great hunting performance at ranges out to 200 yards, and you can switch to full-power ammo without scope adjustment.

50% LESS RECOIL.



MORE ENERGY THAN THE 30-30.



Point of Impact comparison at 100 yards.

- 30-06 Sprg. 125-grain Managed-Recoil™
- 30-06 Sprg. 150-grain PSP Core-Lokt

Remington® Managed-Recoil Point of Impact is nearly identical to full velocity loads.



Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type	Velocity (ft./sec.)				Energy (ft.-lbs.)					Trajectory				
				Muzzle	50	100	150	200	Muzzle	50	100	150	200	50	100	150	200
REMINGTON® MANAGED-RECOIL™ CENTERFIRE RIFLE CARTRIDGES																	
270 Win	RL270W2	115	Core-Lokt® PSP	2710	2558	2412	2270	2133	1875	1671	1485	1315	1161	0.1	zero	-1.6	-4.8
30-06 Springfield	RL30062	125	Core-Lokt® PSP	2660	2495	2335	2182	2034	1964	1727	1513	1321	1148	-1.2	zero	-1.7	-5.2
7mm Rem Mag	RL7MM4	140	Core-Lokt® PSP	2710	2594	2482	2372	2265	2283	2092	1915	1749	1595	0.0	zero	-1.5	-4.5

Remington

GOLD BOX
AMMUNITION

**GAME DROPPING ACCURACY.
JAW DROPPING PERFORMANCE.**

The new standard in premium ammunition has a name, and it's called Remington® Gold Box.™ A culmination of extensive research and development, state-of-the-art loading facilities, and, of course, the highest-quality components, Gold Box ammunition is just what you expect from the market leader in centerfire rifle ammunition.

The Gold Box family includes a line of five premier ammunitions – Premier® Core-Lokt® Ultra, the new standard in accuracy for bonded hunting bullets; Premier Scirocco,™ the original bonded polymer-tipped bullet; Premier A-Frame,™ the most reliable cross-membered bullet made; Premier Match, for world-class accuracy performance; and Premier AccuTip,™ the most accurate rapid expansion, polymer-tipped bullet on the market – each with a unique performance advantage. From accuracy, to expansion, to weight retention, Remington Gold Box has the specialized ammunition to meet your specific needs.

Remington Gold Box ammunition has proven to actually enhance the performance capabilities of your favorite centerfire rifle. Its superior ballistic capabilities allow you to shoot more accurately, with cleaner kills, at distances longer than you ever thought possible. So if you're ready to step up in performance, then look for the box whose color represents the new standard – look for Gold.

THE GOLD BOX FAMILY:

- Premier Core-Lokt Ultra
- Premier Scirocco
- Premier AccuTip
- Premier A-Frame
- Premier Match

PREMIER® CORE-LOKT® ULTRA

**THE NEW STANDARD OF ACCURACY
IN BONDED HUNTING BULLETS.**

Premier® Core-Lokt® Ultra is a bullet in a class of its own. Core-Lokt Ultra offers hunters the unique combination of excellent accuracy, superb weight retention and expansion with overall superior terminal results. The unique design of the bullet combined with the bonded lead core provides the hunter with a Premier bullet that yields unmatched performance from 50 to 500 yards. Premier Core-Lokt Ultra – the standard in high-performance hunting bullets.

**30-06 SPRG,
150-gr. Premier®
Core-Lokt® Ultra**

New jacket design is 20% heavier. Engineered with a new wall profile to even better initiate expansion over broad range of terminal velocities.

Improved accuracy. Created with a proprietary manufacturing process which eliminates jacket stretch for near-perfect wall thickness (resulting in better in-flight stability).

50% thicker Core-Lokt® section maintains bullet integrity by better controlling and limiting expansion at higher velocities. Increases mechanical locking of rear core into jacket.

Bonded bullet design further insures controlled expansion (2x) with 95% weight retention.

Core-Lokt Ultra expands reliably at all reasonable hunting distances.



Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
PREMIER® CORE-LOKT® ULTRA			
243 Win	PRC243WC	100	Core-Lokt® Ultra PSP
* 25-06 Remington	PRC2506RA	115	Core-Lokt® Ultra PSP
* 260 Remington	PRC260RB	140	Core-Lokt® Ultra PSP
270 Win	PRC270WB	140	Core-Lokt® Ultra PSP
7mm Remington Mag	PRC7MMRA	140	Core-Lokt® Ultra PSP
7mm Remington Mag	PRC7MMRC	160	Core-Lokt® Ultra PSP
7mm Rem. SA UM	PR7SM1	140	Core-Lokt® Ultra PSP
* 7mm Rem. SA UM	PR7SM4	160	Core-Lokt® Ultra PSP
* 7mm Rem. Ultra Mag	PR7UM1	140	Core-Lokt® Ultra PSP
30-06 Springfield	PRC3006A	150	Core-Lokt® Ultra PSP
* 30-06 Springfield	PRC3006B	168	Core-Lokt® Ultra PSP
30-06 Springfield	PRC3006C	180	Core-Lokt® Ultra PSP
* 300 Win Mag	PRC300WA	150	Core-Lokt® Ultra PSP
300 Win Mag	PRC300WC	180	Core-Lokt® Ultra PSP
308 Win	PRC308WA	150	Core-Lokt® Ultra PSP
308 Win	PRC308WC	180	Core-Lokt® Ultra PSP
300 Rem. SA UM	PR300SM1	150	Core-Lokt® Ultra PSP
* 300 Rem. SA UM	PR300SM4	180	Core-Lokt® Ultra PSP
300 Rem. Ultra Mag	PR300UM4	180	Core-Lokt® Ultra PSP
* 338 Win Mag	PRC338WA	225	Core-Lokt® Ultra PSP

* New for 2004.



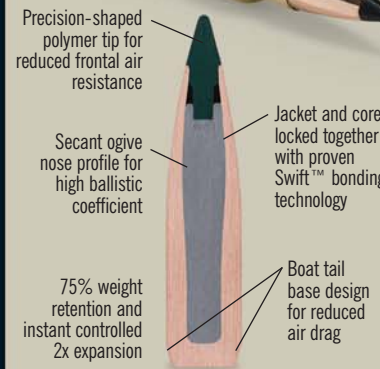
**THE ORIGINAL BONDED
POLYMER-TIPPED BULLET.**

A break-through line of big game ammunition that combines all the best performance features developed over the last half-century. The remarkable Swift™ Scirocco™ Bonded bullet combines polymer tip ballistics with bonded weight retention is unquestionably the most advanced high-performance bullet ever to sit atop a factory load.



Of course, our precision loading process – using the finest available components – ensures that it's delivered with quality unmatched by any other brand.

Swift™ Scirocco™ Bonded bullets expand reliably over a wide range of terminal velocities.



30-06, 180-gr. Premier® Swift™ Scirocco™ Bonded 5 shots, .8", 100 yds.

Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
PREMIER® SCIROCCO™ BONDED			
243 Win	PRSC243WA	90	Scirocco™ Bonded
270 Win	PRSC270WA	130	Scirocco™ Bonded
7mm Remington Mag	PRSC7MMB	150	Scirocco™ Bonded
30-06 Springfield	PRSC3006C	150	Scirocco™ Bonded
30-06 Springfield	PRSC3006B	180	Scirocco™ Bonded
300 Win Mag	PRSC300WB	180	Scirocco™ Bonded
308 Win	PRSC308WA	150	Scirocco™ Bonded
308 Win	PRSC308WB	165	Scirocco™ Bonded
300 Rem. Ultra Mag	PR300UM5	150	Scirocco™ Bonded
300 Rem. Ultra Mag	PR300UM3	180	Scirocco™ Bonded



PREMIER® ACCUTIP™

THE MOST ACCURATE RAPID EXPANSION POLYMER-TIPPED BULLET AVAILABLE.

The new Remington® AccuTip is the ultimate mid-size game cartridge available. The precision-engineered polymer tip provides match type accuracy, more energy on-game combined with rapid expansion.

New Varmint offerings for 2004.

AccuTip-V offers sub-minute of angle accuracy and super-flat trajectories with explosive fragmentation on impact.

243 Win, 95-gr. Premier® AccuTip™ 5 shots, .4", 100 yds.



Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
PREMIER® ACCUTIP™			
* 17 Remington	PRA17RA	20	AccuTip™-V Boat Tail
* 221 Rem. Fireball	PRA221FB	50	AccuTip™-V Boat Tail
* 222 Remington	PRA222RB	50	AccuTip™-V Boat Tail
* 223 Remington	PRA223RB	50	AccuTip™-V Boat Tail
* 223 Remington	PRA223RC	55	AccuTip™-V Boat Tail
* 22-250 Remington	PRA2250RB	50	AccuTip™-V Boat Tail
* 243 Win	PRA243WB	75	AccuTip™-V Boat Tail
243 Win	PRA243WA	95	AccuTip™ Boat Tail
260 Remington	PRA260RA	120	AccuTip™ Boat Tail
270 Win	PRA270WA	130	AccuTip™ Boat Tail
* 7mm-08 Remington	PRA7M08RB	140	AccuTip™ Boat Tail
7mm Remington Mag	PRA7MMRB	150	AccuTip™ Boat Tail
30-06 Springfield	PRA3006A	150	AccuTip™ Boat Tail
30-06 Springfield	PRA3006B	165	AccuTip™ Boat Tail
300 Win Mag	PRA300WC	180	AccuTip™ Boat Tail
308 Win	PRA308WB	165	AccuTip™ Boat Tail

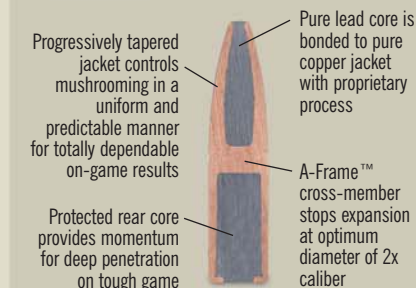
* New for 2004.

AccuTip™-V: Varmint Specific Cartridges

PREMIER® A-FRAME™

THE MOST RELIABLE CROSS-MEMBERED BULLET MADE.

Premier® A-Frame™ bullets reliably expand at long-range decreased velocities, yet do not over-expand at short-range high velocities. Mushroom to a devastating 2x caliber diameter with nearly 100% weight retention. Suitable for all big or dangerous game – the best choice from Alaska to Africa and everywhere in between.



The combination of A-Frame™ construction and proprietary bonding process produces extremely uniform, controlled expansion to 2x caliber with nearly 100% weight retention.



Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
PREMIER® A-FRAME™			
270 Win	RS270WA	140	A-Frame™ PSP
7mm Remington Mag	RS7MMA	160	A-Frame™ PSP
7mm STW	RS7MSTWA	140	A-Frame™ PSP
30-06 SPRG	RS3006A	180	A-Frame™ PSP
300 Win Mag	RS300WA	200	A-Frame™ PSP
8mm Remington Mag	RS8MMRA	200	A-Frame™ PSP
338 Win Mag	RS338WA	225	A-Frame™ PSP
338 Rem. Ultra Mag	PR338UM1	250	A-Frame™ PSP
375 H&H Mag	RS375MA	300	A-Frame™ PSP
375 Rem. Ultra Mag	PR375UM3	300	A-Frame™ PSP
416 Remington Mag	RS416RA	400	A-Frame™ PSP



PREMIER® MATCH FEATURES:

- Specifically designed to meet the exacting standards for competition, military and law enforcement
- World-class, pin-point accuracy
- Loaded with match grade components using special loading techniques to ensure "one-hole" performance

new
for 2004

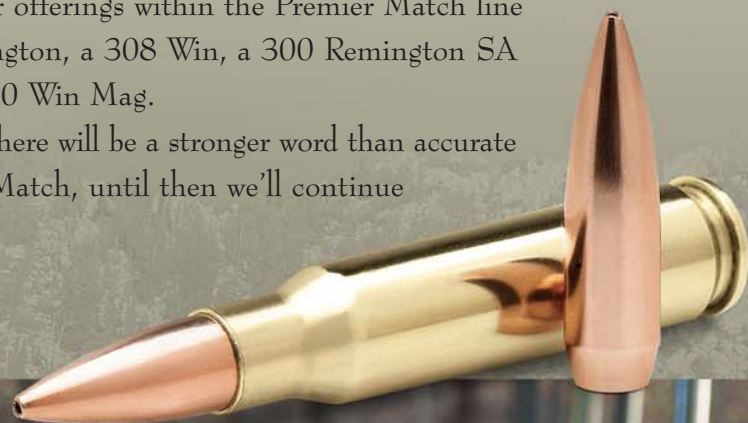
IF THERE WERE A STRONGER WORD THAN ACCURATE, WE'D USE IT HERE.

Ever hear the phrase, "you could drive tacks with 'em?" Well they're probably talking about Remington® Premier® Match ammunition. Using only match-grade bullets, Premier Match ammunition employs special loading practices to ensure world-class performance and accuracy with every shot.

Developed in conjunction with the U.S. Military, the 6.8mm Remington SPC provides greater downrange effectiveness and ballistics than the 5.56x45mm. It's unique design is based on the 30 Remington case, which has been necked down to 6.8mm (.277).

Other offerings within the Premier Match line include a 223 Remington, a 308 Win, a 300 Remington SA Ultra Mag, and a 300 Win Mag.

Maybe some day there will be a stronger word than accurate to describe Premier Match, until then we'll continue to prove it on paper.



Using only match-grade components and specialized loading techniques, Premier® Match delivers world-class performance and accuracy with every shot.

Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
PREMIER® MATCH			
223 Remington	R223R6	62	Hollow Point Match
* 6.8mm Rem. SPC	RM68R1	115	MatchKing® BTHP
* 300 Rem. SA UM	RM300SM7	190	MatchKing® BTHP
* 300 Win Mag	RM300W7	190	MatchKing® BTHP
308 Win	R308W7	168	MatchKing® BTHP

* New for 2004.



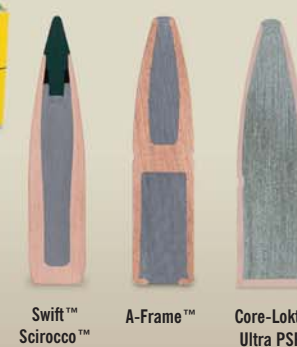
The Remington® family of Ultra Mag and Short-Action Ultra Mag calibers is offered in our most popular lines of centerfire ammunition.

REMINGTON® ULTRA MAG. A REVOLUTION IN HIGH-PERFORMANCE BIG GAME AMMUNITION.

Perfection is a rare thing. It's not easily attained. But when you see it, you know it. And the Remington® exclusive Ultra Mag system has got it. It's what happens when the leaders in ammunition and gun design create a new breed of cartridge for one of the world's most accurate guns ... the Model 700™. The result is a gun and ammunition system that continues to revolutionize big game hunting.

The incredible performance of the Remington Ultra Mag cartridges comes from the innovative case design. The result is a "non-belted magnum" with a larger case diameter which allows for dramatically increased powder capacity, more overall power, and better accuracy due to precise bore alignment. The Remington Ultra Mag family of cartridges produce the highest velocities, the flattest trajectories and the most energy within their respective calibers.

Caliber	ENERGY COMPARISON					
	Muzzle	100 yds.	200 yds.	300 yds.	400 yds.	500 yds.
300 Rem. Ultra Mag	4352	3831	3365	2947	2572	2235
300 Win Mag	3501	3011	2578	2196	1859	1584



Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
REMINGTON® ULTRA MAG			
7mm Rem. Ultra Mag	PR7UM1	140	Core-Lokt® Ultra PSP
300 Rem. Ultra Mag	PR300UM5	150	Scirocco™ Bonded
300 Rem. Ultra Mag	PR300UM3	180	Scirocco™ Bonded
300 Rem. Ultra Mag	PR300UM4	180	Core-Lokt® Ultra PSP
338 Rem. Ultra Mag	PR338UM1	250	A-Frame™ PSP
338 Rem. Ultra Mag	PR338UM2	250	Core-Lokt® PSP
375 Rem. Ultra Mag	PR375UM2	270	Soft Point Homady®
375 Rem. Ultra Mag	PR375UM3	300	A-Frame™ PSP

REMINGTON® SHORT-ACTION ULTRA MAG. MAGNUM PERFORMANCE IN A LIGHTWEIGHT, SHORT-ACTION FIREARM AND AMMUNITION PACKAGE.

Premier® SA Ultra Mag cartridges feature a state-of-the-art design unlike any previous short-action ammo to date. The highly efficient case design duplicates or exceeds belted magnum ballistics with less powder, in turn, generating less felt recoil. The cartridge headspaces off the shoulder of the case, rather than a belt, promoting more precise bore alignment and, therefore, improved accuracy. This product delivers ballistic performance equivalent to the two most popular belted magnums from a fast handling short-action rifle, with a more efficient and more accurate case design.

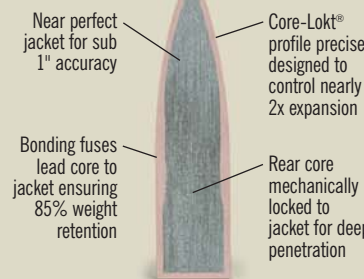
Caliber	Index/EDI No.	Bullet Wt. (grs.)	Bullet Type
REMINGTON® SHORT-ACTION ULTRA MAG			
7mm Rem. SA UM	PR7SM1	140	Core-Lokt® Ultra PSP
7mm Rem. SA UM	PR7SM2	150	Core-Lokt® PSP
7mm Rem. SA UM	PR7SM4	160	Core-Lokt® Ultra PSP
300 Rem. SA UM	PR300SM1	150	Core-Lokt® Ultra PSP
300 Rem. SA UM	PR300SM2	165	Core-Lokt® PSP
300 Rem. SA UM	PR300SM4	180	Core-Lokt® Ultra PSP

338 Remington® Ultra Mag. An excellent cartridge for bear, elk and moose. The 338 Remington Ultra Mag is one of the most powerful 338-caliber rounds available. The figures speak for themselves. It delivers over 600 ft-lbs greater muzzle energy than 338 Win Mag and retains a flatter trajectory all the way out to 500 yards.

375 Remington® Ultra Mag. The 375 Remington Ultra Mag is the best cartridge in its class. With over 5000 ft-lbs of energy at the muzzle, the 375 Remington Ultra Mag delivers nearly 800 ft-lbs more energy than the 375 H & H. It delivers more energy at 200 yards than 375 H&H at 100 yards — and with the same flat-shooting trajectory as a 150-grain 270 Win load. Don't go to Alaska or Africa without it.



Premier® SA Ultra Mag available in Core-Lokt® Ultra





The World's Best-Selling Centerfire Ammunition.

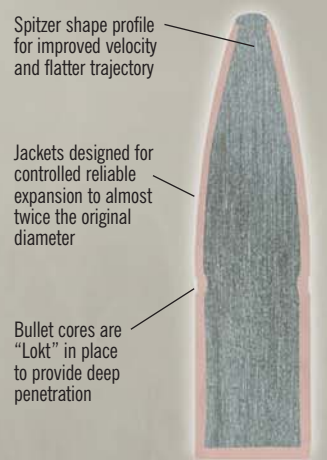
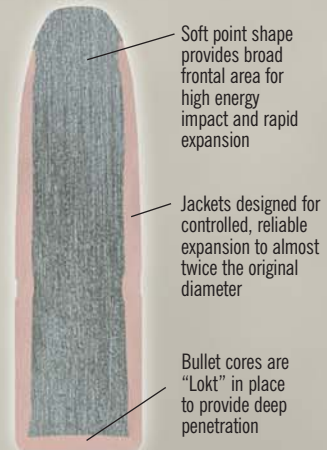
REMINGTON® CORE-LOKT® - A REPUTATION DESERVED.

Hunters with a knack for filling their deer tag tend to have more than success in common. They trust their hunt to Remington® Core-Lokt®. For more than six decades, it has remained the leader in centerfire deer ammunition. And deservedly so.

The Core-Lokt bullet design is the original controlled-expansion bullet – and one of the most effective ever developed. Its progressively tapered copper jacket is locked to a solid lead core, promoting perfectly controlled expansion and high weight retention for absolutely dependable on-game results. You'll find its time-proven performance in both soft point and pointed soft point versions – and in a range of bullet weights for virtually every centerfire hunting caliber made.



Flat-shooting Core-Lokt® Pointed Soft Point offers controlled-expansion to nearly twice the original diameter.



REMINGTON® BRONZE POINT™ TIPPED



Aerodynamic tip for superior long-range ballistics and rapid expansion

Introduced by Remington, these were the first bullets to utilize a tipped design. Exceptional long-range performance on medium-sized game. Sleek profile generates flat trajectory. On impact, the bronze tip is driven backward to create rapid, but controlled expansion.



REMINGTON® POWER-LOKT® HOLLOW POINT

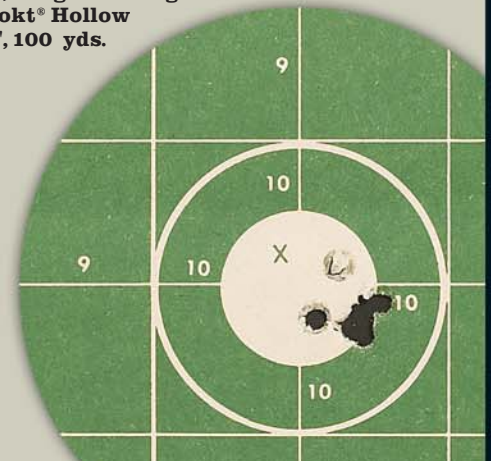


Plated copper jacket for superior accuracy and instant fragmentation on impact

Another breakthrough from Remington.® Delivers unmatched performance for small game and varmint hunting. Thin copper jacket is electrolytically plated to the lead core for near-perfect concentricity and gyroscopic balance. The result? Dead-on, benchrest-type accuracy with instant fragmentation on impact.



243 WIN, 80-gr. Remington® Power-Lokt® Hollow Point, .5", 100 yds.





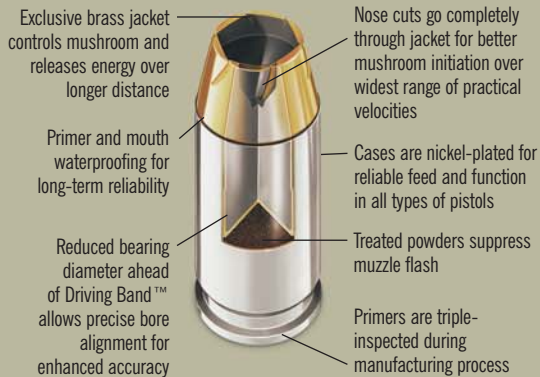
HIGH-PERFORMANCE HANDGUN AMMUNITION.

An outstanding example of Remington® bullet innovation. Designed for law enforcement, home security and personal defense applications, the Golden Saber™ High Performance Jacket successfully combines

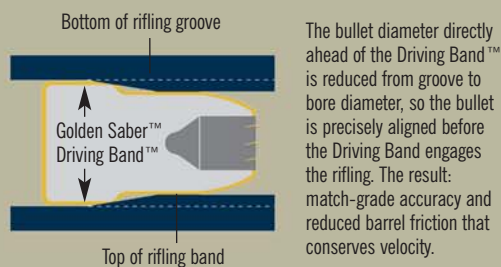
four critical elements of handgun bullet performance: Match-type accuracy, deep penetration, maximum expansion and virtually 100% weight retention. No other bullet has ever been able to fulfill these performance parameters so completely.

Caliber	Index/EDI No.	Primer No.	Wt. (grs.)	Velocity (ft./sec.)			Energy (ft.-lbs.)			Mid-range Trajectory		Barrel Length
				Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.	
PREMIER® GOLDEN SABER™ HPJ (HIGH PERFORMANCE JACKET)												
357 Magnum*	GS357MA	5 ½	125	1220	1095	1009	413	333	283	0.8"	3.5"	4"
9mm Luger	GS9MMB	1 ½	124	1125	1031	963	349	293	255	1.0"	4.0"	4"
	GS9MMC	1 ½	147	990	941	900	320	289	264	1.1"	4.9"	4"
9mm Luger (+P)	GS9MMD	1 ½	124	1180	1089	1021	384	327	287	0.8"	3.8"	4"
380 Auto.	GS380B	1 ½	102	940	901	866	200	184	170	1.2"	5.1"	4"
38 Special (+P)*	GS38SB	1 ½	125	975	929	885	264	238	218	1.0"	5.2"	4"
40 S&W	GS40SWA	5 ½	165	1150	1040	964	485	396	340	1.0"	4.0"	4"
	GS40SWB	5 ½	180	1015	960	914	412	368	334	1.3"	4.5"	4"
45 Auto.	GS45APA	2 ½	185	1015	951	899	423	372	332	1.1"	4.5"	5"
	GS45APB	2 ½	230	875	833	795	391	355	323	1.5"	6.1"	5"
45 Auto. (+P)	GS45APC	2 ½	185	1140	1042	971	534	446	388	1.0"	4.0"	5"

*Ammunition with "+P" on the case headstamp is loaded to higher pressure. Use only in firearms designated for this cartridge and so recommended by the gun manufacturer. *Note: These ballistics reflected vented barrel.



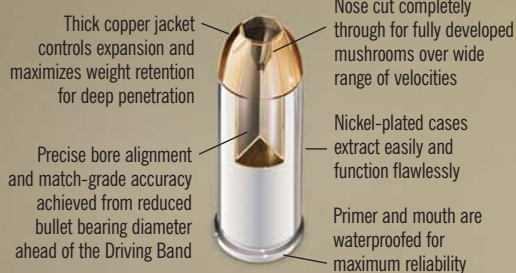
The high-performance jacket expands to a larger diameter than lead core – over 1.6x caliber diameter. The minimal lead deformation retains energy for deeper penetration.



CORE-LOKT® HANDGUN

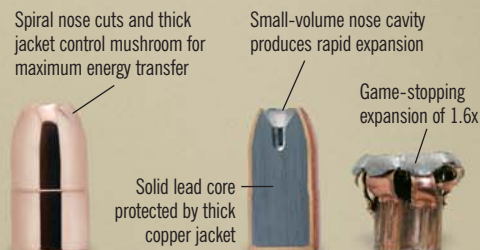
LEGENDARY CONTROLLED EXPANSION DESIGN FOR HANDGUN HUNTING.

The same stopping power of our Core-Lokt® rifle ammunition, in a handgun cartridge. Specifically designed for optimum performance at handgun velocities. Progressively tapered copper jacket is locked to a solid lead core, promoting perfectly controlled expansion and high weight retention for dependable on-game results.



Caliber	Index/EDI No.	Primer No.	Wt. (grs.)	Bullet Style	Velocity (ft./sec.)			Energy (ft.-lbs.)			Mid-range Trajectory		Barrel Length
					Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.	
CORE-LOKT® HIGH PERFORMANCE P&R HUNTING AMMUNITION													
357 Magnum*	RH357MA	5 ½	165	Core-Lokt® JHP	1290	1189	1108	610	518	450	0.7"	3.1"	8 ½"
44 Rem. Magnum*	RH44MGA	2 ½	275	Core-Lokt® JHP	1235	1142	1070	931	797	699	0.8"	3.3"	6 ½"
					1580	1427	1293	1524	1243	1020	0.5"	2.2"	20"
454 Casull*	PRC454CA	7 ½	300	Core-Lokt® Ultra JHP	1625	1472	1335	1759	1442	1187	0.5"	2.0"	7 ½"
					2085	1899	1724	2895	2401	1979	0.3"	1.2"	20"

*Note: These ballistics reflected vented barrel.



TOP QUALITY AMMUNITION FOR A BROAD RANGE OF APPLICATIONS.

Remington® has been making centerfire handgun ammunition longer than anyone. It should then come as no surprise that we offer the broadest line of pistol and revolver ammunition available. With loadings tailored to virtually every potential shooting application, our line includes vast choices of calibers, bullet weights, bullet styles and combinations of all these. Choose from a complete range of traditional bullet styles, as well as from some of the most sophisticated handgun bullets made. All cartridges are assembled from the highest quality components – with meticulous quality control – to assure reliability in all handgun actions.

Caliber	Index/EDI No.	Primer No.	Wt. (grs.)	Bullet Style	Velocity (ft./sec.)			Energy (ft.-lbs.)			Mid-range Trajectory			
					Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.	B.L.*	
REMINGTON® P & R AMMUNITION														
25 (6.35mm) Auto.	R25AP	1 ½	50	Metal Case	760	707	659	64	56	48	2.0"	8.7"	2"	
32 S&W	R32SW	1 ½	88	Lead Round Nose	680	645	610	90	81	73	2.5"	10.5"	3"	
32 S&W Long	R32SWL	1 ½	98	Lead Round Nose	705	670	635	115	98	88	2.3"	10.5"	4"	
32 (7.65mm) Auto.	R32AP	1 ½	71	Metal Case	905	855	810	129	115	97	1.4"	5.8"	4"	
357 Mag.**	R357M7	5 ½	110	Semi-Jacketed Hollow Point	1295	1094	975	410	292	232	0.8"	3.5"	4"	
	R357M1	5 ½	125	Semi-Jacketed Hollow Point	1450	1240	1090	583	427	330	0.6"	2.8"	4"	
	R357M2	5 ½	158	Semi-Jacketed Hollow Point	1235	1104	1015	535	428	361	0.8"	3.5"	4"	
	R357M3	5 ½	158	Soft Point	1235	1104	1015	535	428	361	0.8"	3.5"	4"	
	R357M5	5 ½	158	Semi-Wadcutter	1235	1104	1015	535	428	361	0.8"	3.5"	4"	
9mm Luger	R357M10	5 ½	180	Semi-Jacketed Hollow Point	1145	1053	985	524	443	388	0.9"	3.9"	8 ½"	
	R9MM1	1 ½	115	Jacketed Hollow Point	1155	1047	971	341	280	241	0.9"	3.9"	4"	
	R9MM3	1 ½	115	Metal Case	1135	1041	973	329	277	242	0.9"	4.0"	4"	
	R9MM6	1 ½	115	Jacketed Hollow Point +P ‡	1250	1113	1019	399	316	265	0.8"	3.5"	4"	
380 Auto.	R9MM2	1 ½	124	Metal Case	1110	1030	971	339	292	259	1.0"	4.1"	4"	
	R9MM8	1 ½	147	Jacketed Hollow Point (Subsonic)	990	941	900	320	289	264	1.1"	4.9"	4"	
	R380A1	1 ½	88	Jacketed Hollow Point	990	920	868	191	165	146	1.2"	5.1"	4"	
38 S&W	R380AP	1 ½	95	Metal Case	955	865	785	190	160	130	1.4"	5.9"	4"	
	R38SW	1 ½	146	Lead Round Nose	685	650	620	150	135	125	2.4"	10.0"	4"	
38 Special**	R38S10	1 ½	110	Semi-Jacketed Hollow Point +P ‡	995	926	871	242	210	185	1.2"	5.1"	4"	
	R38S16	1 ½	110	Semi-Jacketed Hollow Point	950	890	840	220	194	172	1.4"	5.4"	4"	
	R38S2	1 ½	125	Semi-Jacketed Hollow Point +P ‡	945	898	858	248	224	204	1.3"	5.4"	4"	
	R38S3	1 ½	148	Targetmaster® Lead WC Match	710	634	566	166	132	105	2.4"	10.8"	4"	
	R38S5	1 ½	158	Lead Round Nose	755	723	692	200	183	168	2.0"	8.3"	4"	
	R38S14	1 ½	158	Semi-Wadcutter +P ‡	890	855	823	278	257	238	1.4"	6.0"	4"	
	R38S6	1 ½	158	Semi-Wadcutter	755	723	692	200	183	168	2.0"	8.3"	4"	
	R38S12	1 ½	158	Lead Hollow Point +P ‡	890	855	823	278	257	238	1.4"	6.0"	4"	
	38 Short Colt**	R38SC	1 ½	125	Lead Round Nose	730	685	645	150	130	115	2.2"	9.4"	6"
	357 Sig.	R357S1	5 ½	125	Jacketed Hollow Point	1350	1157	1032	506	372	296	0.7"	3.2"	4"
40 S&W	R40SW1	5 ½	155	Jacketed Hollow Point	1205	1095	1017	499	413	356	0.8"	3.6"	4"	
	R40SW2	5 ½	180	Jacketed Hollow Point	1015	960	914	412	368	334	1.3"	4.5"	4"	
41 Rem. Mag.**	R41MG1	2 ½	210	Soft Point	1300	1162	1062	788	630	526	0.7"	3.2"	4"	
44 Rem. Mag.**	R44MG5	2 ½	180	Semi-Jacketed Hollow Point	1610	1365	1175	1036	745	551	0.5"	2.3"	4"	
	R44MG2	2 ½	240	Soft Point	1180	1081	1010	741	623	543	0.9"	3.7"	4"	
	R44MG3	2 ½	240	Semi-Jacketed Hollow Point	1180	1081	1010	741	623	543	0.9"	3.7"	4"	
44 S&W Special**	R44SW	2 ½	246	Lead Round Nose	755	725	695	310	285	265	2.0"	8.3"	6"	
45 Colt**	R45C1	2 ½	225	Semi-Wadcutter	960	890	832	460	395	346	1.3"	5.5"	5"	
	R45C	2 ½	250	Lead Round Nose	860	820	780	410	375	340	1.6"	6.6"	5"	
45 Auto.	R45AP2	2 ½	185	Jacketed Hollow Point	1000	939	889	411	362	324	1.1"	4.9"	5"	
	R45AP4	2 ½	230	Metal Case	835	800	767	356	326	300	1.6"	6.8"	5"	
	R45AP7	2 ½	230	Jacketed Hollow Point (Subsonic)	835	800	767	356	326	300	1.6"	6.8"	5"	

*Ammunition with "+P" on the case headstamp is loaded to higher pressure. Use only in firearms designated for this cartridge and so recommended by the gun manufacturer. *Test Barrel Length **Vented Barrel Ballistics

Full Metal Case.

All-purpose bullet for autoloading pistols – assures reliable feeding and cycling.

Jacketed Hollow Point.

Full-length jacket and hollow-point construction provide controlled expansion and excellent penetration while assuring dependable cycling in autoloading pistols.

Lead Round Nose.

Versatile, general-purpose bullet for all revolvers.

Lead Hollow Point.

All-lead bullet that delivers immediate expansion.

Semi-Jacketed Hollow Point.

Unique scalloped jacket design is engineered to combine optimum expansion with controlled penetration for maximum energy transfer.

Soft Point.

Exposed soft point tip provides deeper penetration with less expansion than semi-jacketed hollow points.

Wadcutter Match.

Our specialized Targetmaster® version. Delivers superb accuracy and precision paper-cutting performance.

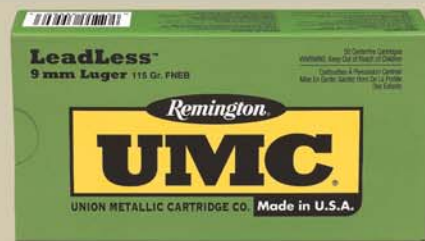
Semi-Wadcutter Lead.

Hard-hitting lead bullet that delivers clean wadcutter definition on paper targets.



UMC® HANDGUN CARTRIDGES.

Our UMC® handgun ammunition covers a broad spectrum of loadings in 12 different pistol and revolver calibers. You'd be hard-pressed to find more dependable performance anywhere.



UMC® LEADLESS™ HANDGUN CARTRIDGES.

A must-have for shooters that frequent indoor ranges, UMC® LeadLess™ cartridges virtually eliminate lead exposure at the firing line. Specially designed Flat Nose Enclosed Base bullet actually prevents the vaporization of lead from the bullet's base upon firing. Also features the industry's best heavy-metal-free primer. Standard bullet weights duplicate the ballistics of conventional loads. As always, economical UMC pricing is ideal for high-volume shooting.

Nose profile designed to function smoothly in all action types



UMC® RIFLE CARTRIDGES.

For practice, target shooting and training exercises, our UMC centerfire rifle ammunition is loaded in seven popular calibers. These include the 7.62x39, 303 British and 30 Carbine rounds for related rifles, as well as three other American standards. All UMC rifle loadings are ideal for high-volume shooting. The 45-grain jacketed hollow-point in 223 Remington and a 45-grain jacketed hollow-point in 22-250 Remington are superb choices for varmint hunters.



Caliber	Index/ EDI No.	Primer No.	Wt. (grs.)	Bullet Style	Velocity (ft./sec.)			Energy (ft.-lbs.)			Mid-range Trajectory	
					Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.
UMC® LEADLESS™ HANDGUN CARTRIDGES												
9mm Luger	LL9MM2	1 ½	124	FNEB	1100	1030	971	339	292	252	1.0"	4.1"
	LL9MM11	1 ½	115	FNEB	1135	1041	973	329	277	242	0.9"	4.0"
357 Magnum	LL357M1	5 ½	125	FNEB	1450	1240	1090	583	427	330	0.6"	2.8"
38 Special	LL38S17	1 ½	125	FNEB	850	822	796	201	188	176	1.4"	6.4"
*38 Special+P	LL38S2	1 ½	125	FNEB	975	935	899	264	242	224	1.2"	4.9"
380 Auto	LL380AP2	1 ½	95	FNEB	955	865	785	190	160	130	1.4"	5.9"
40 S & W	LL40SW5	5 ½	180	FNEB	985	936	893	388	350	319	1.4"	5.0"
45 Auto	LL45AP8	2 ½	230	FNEB	835	800	767	356	326	300	1.6"	6.8"
UMC® HANDGUN CARTRIDGES												
9mm Luger	L9MM3	1 ½	115	MC	1135	1041	973	329	277	242	0.9"	4.0"
	L9MM3B1	1 ½	115	MC	1135	1041	973	329	277	242	0.9"	4.0"
	L9MM1	1 ½	115	JHP	1155	1047	971	341	280	241	0.9"	3.9"
	L9MM2	1 ½	124	MC	1100	1030	971	339	292	259	1.0"	4.1"
	L9MM9	1 ½	147	MC	990	941	900	320	289	264	1.1"	4.9"
10mm Auto	L10MM6	2 ½	180	MC	1150	1063	998	529	452	398	0.9"	3.7"
25 Auto (6.35mm)	L25AP	1 ½	50	MC	760	707	659	64	56	48	2.0"	8.7"
32 Auto	L32AP	1 ½	71	MC	905	855	810	129	115	97	1.4"	5.8"
357 Magnum**	L357M12	5 ½	125	JSP	1450	1240	1090	583	427	330	0.6"	2.8"
357 Sig.	L357S1	5 ½	125	MC	1350	1146	1018	506	422	359	0.7"	3.3"
	L357S2	5 ½	125	JHP	1350	1157	1032	506	372	296	0.7"	3.2"
38 Super Auto	L38SUP	1 ½	130	MC	1215	1099	1017	426	348	298	0.8"	3.6"
38 Special+P**	L38S2	1 ½	125	JHP	945	898	858	248	224	204	1.3"	5.4"
38 Special	L38S5	1 ½	158	LRN	755	723	692	200	183	168	2.0"	8.3"
	L38S11	1 ½	130	MC	790	766	743	173	163	153	1.7"	7.2"
380 Auto	L380AP	1 ½	95	MC	955	865	785	190	160	130	1.4"	5.9"
40 S & W	L40SW2	5 ½	180	JHP	1015	960	914	412	368	334	1.3"	4.5"
	L40SW3	5 ½	180	MC	985	936	893	388	350	319	1.4"	5.0"
	L40SW4	5 ½	165	MC	1150	1040	964	485	396	340	1.0"	4.0"
44 Rem. Mag**	L44MG7	2 ½	180	JSP	1610	1365	1175	1036	745	551	0.5"	2.3"
45 Auto	L45AP1	2 ½	185	MC	1015	955	907	423	375	338	1.1"	4.8"
	L45AP4	2 ½	230	MC	835	800	767	356	326	300	1.6"	6.8"
	L45AP7	2 ½	230	JHP	835	800	767	356	326	300	1.6"	6.8"

Caliber	Index/ EDI No.	Primer No.	Wt. (grs.)	Bullet Style	Velocity (ft./sec.)			Energy (ft.-lbs.)			Short-range Trajectory (in inches)					
					Muz.	100 yds.	200 yds.	Muz.	100 yds.	200 yds.	50	100	150	200	250	300
UMC® CENTERFIRE RIFLE CARTRIDGES																
223 Remington	L223R3	7 ½	55	MC	3240	2759	2326	1282	929	660	-0.1	0.6	zero	-1.9	-5.5	-11.0
	L223R7	7 ½	45	JHP	3550	2953	2430	1259	871	590	-0.1	0.4	zero	-1.7	-4.8	-9.7
	L223R7B [†]	7 ½	45	JHP	3550	2953	2430	1259	871	590	-0.1	0.4	zero	-1.7	-4.8	-9.7
22-250 Rem	L22503	9 ½	45	JHP	4000	3340	2770	1598	1114	767	-0.3	0.2	zero	-1.2	-3.5	-7.2
	L22503B [†]	9 ½	45	JHP	4000	3340	2770	1598	1114	767	-0.3	0.2	zero	-1.2	-3.5	-7.2
7.62x39	L762391	7 ½	123	MC	2365	2060	1780	1527	1159	865	0.1	zero	-2.2	-6.8	-14.1	-24.5
30 Carbine	L30CR1	6 ½	110	MC	1990	1567	1236	967	600	373	0.6	zero	-4.2	-12.9	-27.2	-48.6
308 Win.	L308W4	9 ½	150	MC	2820	2533	2263	2648	2137	1705	-0.1	zero	-1.2	-3.9	-8.4	-14.7
30-06 Sprgld.	L30062	9 ½	150	MC	2910	2617	2342	2820	2281	1827	-0.2	zero	-1.1	-3.6	-7.7	-13.6
303 British	L303B1	9 ½	174	MC	2475	2209	1960	2366	1885	1484	0.1	zero	-1.9	-5.9	-12.2	-21.4

* New for 2004. ** Note: These ballistics reflect vented barrel. † Packed 100 rounds per box. ‡ Packed 40 rounds per box. MC = Metal Case / FNEB = Flat Nose Enclosed Base / JHP = Jacketed Hollow Point / JSP = Jacketed Soft Point / LRN = Lead Round Nose

FROM INTERNATIONAL COMPETITION TO TIN CAN DEMOLITION.

Over the years, no manufacturer has been responsible for more advancements in rimfire ammunition than Remington®. No doubt this is because we give our rimfire ammunition the same meticulous manufacturing attention as our centerfire ammunition. As a result, we produce the widest variety of rimfire loadings for every possible end use. Whether it's hunting, plinking or competing, Remington rimfire cartridges offer consistently outstanding performance.

At Remington, we're more than just the industry leader in quality and reliability. By bringing you industry firsts, like the Yellow Jacket® and Viper® hyper velocity ammunition, we've solidified our reputation as leaders in innovation, too. Our commitment to bring you the hottest ammunition on the market continues with the 17 HMR. Offered in an



explosive 17 grain V-Max™ bullet with an astonishing muzzle velocity of 2550 fps – this popular rimfire cartridge is the fastest and flattest shooting rimfire ammunition available – eclipsing the 22 Win Mag by over 500 fps in velocity.



Index/ EDI No.	Wt. (grs.)	Bullet Style	Velocity (ft./sec.)			Energy (ft.-lbs.)			Long-range Trajectory**			
			Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.	150 yds.	
MAGNUM												
Premier® 17 HMR	PR17HM1	17	V-Max™ Boat Tail	2550	2212	1901	245	185	136	0.1	0.0	-2.6
Premier® 22 Win Mag	PR22M1	33	V-Max™ Boat Tail	2000	1730	1495	293	219	164	0.6	0.0	-4.3
22 Win Mag	R22M1	40	Jacketed Hollow Point	1910	1610	1350	324	230	162	0.9	0.0	-5.7
	R22M2	40	Pointed Soft Point	1910	1600	1340	324	227	159	1.0	0.0	-5.8
REMINGTON® / ELEY COMPETITION												
Mid-range Trajectory (100 yds)												
22 Match EPS	RE22EPS	40	Lead Flat Nose	1085	1006	941	105	90	79	4.5"		
22 Club Xtra	RE22CX	40	Lead Round Nose	1085	1006	941	105	90	79	4.5"		
22 Target Rifle	RE22T	40	Lead Round Nose	1085	1006	941	105	90	79	4.5"		
22 CALIBER RIMFIRE												
Mid-range Trajectory (100 yds)												
Subsonic™												
22 Subsonic Long Rifle	SUB22HP	38	Hollow Point	1050	965	901	93	79	69	4.7"		
Target												
22 Long Rifle	6122/6100+	40	Round Nose	1150	1048	976	117	98	85	4.0"		
High Velocity Golden™ Bullet												
22 Long Rifle	1522/1500+	40	Plated Lead Round Nose	1255	1113	1017	140	110	92	3.4"		
	1622/1600+	36	Plated Hollow Point	1280	1117	1010	131	100	82	3.5"		
22 Short	1022	29	Plated Lead Round Nose	1095	982	903	77	62	52	4.5"		
Hyper Velocity												
22 Yellow Jacket® Long Rifle	1722	33	Truncated Cone Hollow Point	1500	1247	1075	165	114	85	2.8"		
22 Viper® Long Rifle	1922	36	Truncated Cone Solid	1410	1198	1056	159	115	89	3.0"		
*22 Long Rifle (High Velocity)	GL 22HP	36	Hollow Point	1280	1117	1010	131	100	82	3.5"		
Hi-Speed												
22 Thunderbolt® Long Rifle	TB 22A	40	Round Nose	1255	1113	1017	140	110	92	3.4"		
22 Cyclone® Long Rifle	CY 22HP	36	Hollow Point	1280	1117	1010	131	100	82	3.5"		
Long Rifle												
* Long Rifle Shot	9322	25	#10 Shot	-	-	-	-	-	-	-		

* New for 2004. ** Note: Sight height 1.5" above axis of bore. + These long rifle 22s available in slide-open plastic packs of 100.



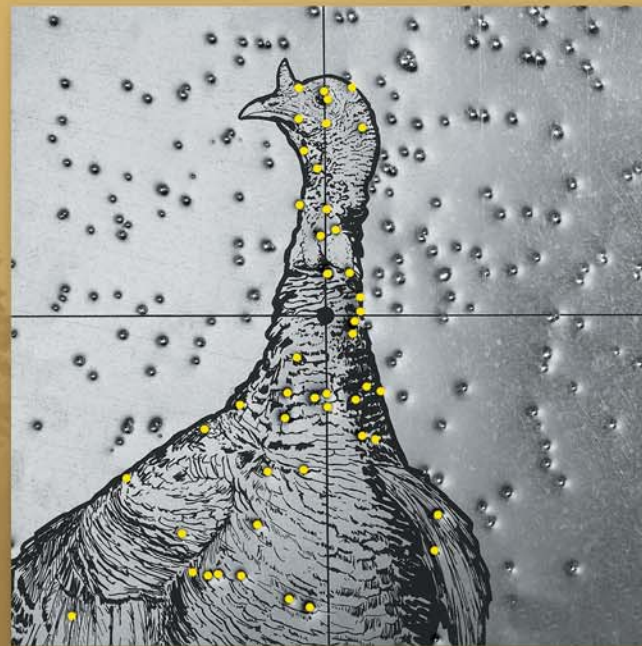
PREMIER® HEVI•SHOT® MAGNUM TURKEY LOADS.

This is the load that won 13 out of 15 events over the last three years at National Wild Turkey Federation Still Target Shoots. Remington's 20-gauge load swept all event championships in Jakes, Ladies and Men's Open 20-gauge classes in 2002 and 2003. Premier® Hevi•Shot® Magnum Turkey loads, available in 12- and 20-gauge, routinely achieve patterns in excess of 90%. And because its shot material is made of a tungsten, nickel and iron alloy, they yield a 10% higher density than lead, which creates denser patterns and delivers higher energy. Better than lead, Hevi•Shot® Turkey is a superior product for serious turkey hunters.

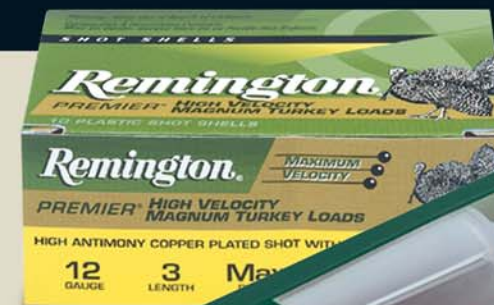
HEVI•SHOT TURKEY FEATURES:

- Routinely achieves patterns in excess of 90%
- Made of a tungsten, nickel and iron alloy
- Yields a 10% higher density than lead
- Superior product for serious turkey hunters
- Special shot collar protects barrel and chokes

Premier® Hevi•Shot® routinely achieves patterns in excess of 90% efficiency with Remington's optimal Hevi•Shot choke tube.



Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Ounces of Shot	Shot Sizes
PREMIER® HEVI•SHOT® HIGH VELOCITY MAGNUM TURKEY LOADS - BUFFERED					
PRHSHV12M	12	3"	1300	1 1/2	4, 5, 6
PRHSHV1235M	12	3 1/2"	1300	1 1/4	4, 5, 6
PREMIER® HEVI•SHOT® MAGNUM TURKEY LOADS - BUFFERED					
PRHS10M	10	3 1/2"	1225	1 7/8	4, 5, 6
PRHS12SM	12	2 3/4"	1250	1 3/8	4, 5, 6
PRHS12HM	12	3"	1225	1 3/8	4, 5, 6
PRHS1235M	12	3 1/2"	1225	1 7/8	4, 5, 6
PRHS20M4	20	3"	1175	1 1/4	4, 5, 6



PREMIER® HIGH VELOCITY MAGNUM COPPER-PLATED BUFFERED TURKEY LOADS.

The high-performance lead load for avid turkey hunters. 3" and 3 1/2" 12-gauge payload leaves the muzzle at 1300 fps. Delivers hard-hitting knockdown power. Loaded with our Power Piston® one-piece shot cup and Magnum-grade Copper-Lokt® lead shot for dense patterns and deep penetration.

PREMIER® MAGNUM COPPER-PLATED BUFFERED TURKEY LOADS.

Our original Magnum turkey loads. As fine a lead shotshell as you can carry in the woods. Magnum-grade Copper-Lokt® shot is cushioned with special polymer buffering and further protected by our Power Piston® shot cup for dense, even patterns. Delivers superb performance and devastating knockdown power out of tightly constricted turkey chokes.



NITRO MAG® BUFFERED MAGNUMS.

Excellent for turkey or long-range pheasants. Heavy payloads of Magnum-grade shot are packed with shock-absorbing polymer buffering and enclosed in our patented Power Piston® wad to provide dense, even patterns and uniform shot strings.



PREMIER® DUPLEX® MAGNUM COPPER-PLATED BUFFERED LOADS.

A specialized layering of Magnum-grade Copper-Lokt® No. 4 shot over No. 6 shot.

Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Ounces of Shot	Shot Sizes
PREMIER® HIGH-VELOCITY MAGNUM COPPER-PLATED TURKEY LOADS - BUFFERED					
PHV12M	12	3"	1300	1 3/4	4, 5, 6
PHV1235M	12	3 1/2"	1300	2	4, 5
PREMIER® MAGNUM COPPER-PLATED LEAD TURKEY LOADS - BUFFERED					
P10HM	10	3 1/2"	1210	2 1/4	4, 6
P12SM	12	2 3/4"	1260	1 1/2	4, 5, 6
P12XHM	12	3"	1175	2	4, 5, 6
P1235M	12	3 1/2"	1150	2 1/4	4, 6
P20XHM	20	3"	1185	1 1/4	6
PREMIER® DUPLEX® MAGNUM COPPER-PLATED LOADS - BUFFERED					
MP12S	12	2 3/4"	1260	1 1/2	4x6
MP12H	12	3"	1210	1 7/8	4x6
NITRO MAG® LEAD LOADS - BUFFERED					
NM12S	12	2 3/4"	1260	1 1/2	2, 4, 6
NM12	12	3"	1280	1 3/8	4, 6
NM12H	12	3"	1210	1 7/8	2, 4, 6
NM20S	20	2 3/4"	1175	1 1/2	4, 6
NM20H	20	3"	1185	1 1/4	4, 6





PREMIER® HEVI•SHOT® WATERFOWL. MAKING LEAD THE “BAD OLD DAYS.”

Hunters who have longed for the “good old days” of lead shot now have a non-toxic shot that’s not just a lead alternative. It’s a lead improvement. Remington® Premier® Hevi•Shot® Nitro Magnums – the most dramatic performance increase in waterfowl shotshells ever. Manufactured of a tungsten-nickel-iron alloy,

Hevi•Shot® is 10% denser (heavier) than lead and an amazing 54% denser than steel. This significant density increase is unmatched in any other shot material and translates into greater per-pellet energy at virtually all distances. Compared to steel shot, there simply is no comparison – in retained energy or pattern density. Shooting an equal payload and shot size, Hevi•Shot® pellets have 25% more energy at 50 yards than steel pellets have at 30 yards. This allows you to drop down three shot sizes to maintain pattern energy and dramatically increase on-game pellet count. The resulting Hevi•Shot® patterning, with full chokes, yields an average of 88% efficiency. So say goodbye to the “good old days” and welcome the “even better new days” of Hevi•Shot®.

PREMIER® HEVI•SHOT FEATURES:

- Heavier Than Lead® – tungsten-nickel iron alloy
- Equal pellet energy – 3 shot sizes smaller than steel
- Denser patterns – 18% tighter patterns than steel
- Fully approved by the US Fish & Wildlife and Canada
- A Remington® exclusive



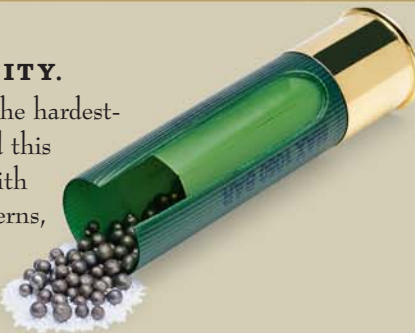
Premier Hevi•Shot, #6, 1 1/4 oz, 1325 fps, 40 yds, Full Choke, 211 hits

Use pellets 3 sizes smaller with Hevi•Shot® and get pellet energy equal to steel, and double the pellets on the target.

DENSITY COMPARISON	
Density of Steel	7.8 grams/cc
Density of Lead	10.9 grams/cc
Density of Hevi•Shot®	12.0 grams/cc

PREMIER® HEVI•SHOT® NITRO MAGNUM HIGH VELOCITY.

With a massive 1450 fps velocity, this is the hardest-hitting waterfowl load on the market. Add this kind of velocity to Hevi•Shot® pellets, with unsurpassed density and down-range patterns, and you’ve got the best of the best – of the best – magnum waterfowl loads.



Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Ounces of Shot	Shot Sizes
PREMIER® HEVI•SHOT® NITRO MAGNUM HIGH VELOCITY - BUFFERED					
PRHSNHV12M	12	3"	1450	1 1/4	2, 4, 6
PRHSNHV12HM	12	3"	1450	1 1/2	2, 4, 6
PRHSNHV1235	12	3 1/2"	1400	1 1/2	2, 4, 6
PRHSNHV1235M	12	3 1/2"	1350	1 1/4	2, 4, 6
PREMIER® HEVI•SHOT® NITRO MAGNUM - BUFFERED					
PRHSN10M	10	3 1/2"	1300	1 1/4	2, 4
PRHSN12SM	12	2 1/4"	1325	1 1/4	4, 6, 7 1/2
PRHSN12HM	12	3"	1300	1 1/2	B, 2, 4, 6
PRHSN1235	12	3 1/2"	1300	1 1/4	B, 2, 4, 6
PRHSN20SM	20	2 1/4"	1300	1	4, 6, 7 1/2
PRHSN20M	20	3"	1300	1 1/4	4, 6



SUPERIOR PERFORMANCE YOU CAN'T AFFORD TO MISS.

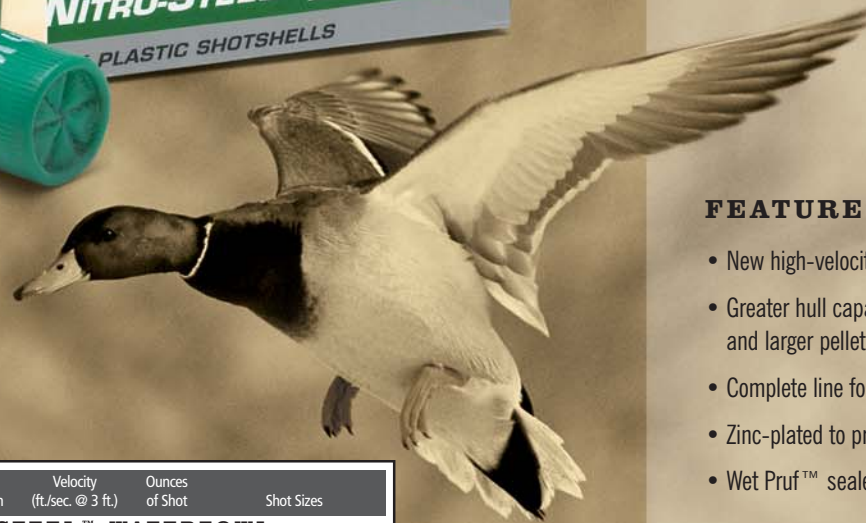
Looking for premium performance without the premium price? Nitro-Steel™ delivers. Greater hull capacity means heavier charges and larger pellets, which makes these loads ideal for large waterfowl. Nitro-Steel™ delivers denser patterns for greater lethality and is zinc-plated to prevent corrosion. Available in a complete line of full payloads and high-velocity, Nitro-Steel™ is a luxury everyone can afford.

new for 2004

New for 2004, Remington® Nitro-Steel™ High-Velocity loads.

FEATURES:

- New high-velocity loadings
- Greater hull capacity means heavier charges and larger pellets
- Complete line for all waterfowl hunting situations
- Zinc-plated to prevent corrosion
- Wet Pruf™ sealed at primer and mouth



Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Ounces of Shot	Shot Sizes
NITRO-STEEL™ WATERFOWL					
NS10M	10	3 1/2"	1260	1 1/4	T, BBB, BB, 2
*NS12HVS	12	2 1/4"	1390	1 1/8	2, 4
NS12S	12	2 1/4"	1275	1 1/4	BB, 2, 4
NS12HV	12	3"	1550	1 1/8	BB, 2, 4
NS12M	12	3"	1390	1 1/4	T, BBB, BB, 1, 2, 3, 4
NS12HM	12	3"	1300	1 1/8	T, BBB, BB, 2, 3, 4
*NS1235HV	12	3 1/2"	1450	1 1/8	T, BBB, BB, 2
NS1235	12	3 1/2"	1300	1 1/16	T, BBB, BB, 2
*NS16HV	16	2 1/4"	1300	1 1/16	2, 4
*NS20HV	20	2 1/4"	1425	3/4	2, 4
NS20M	20	3"	1330	1	2, 4

* New for 2004.



Zinc-plated loads prevent corrosion.

SPORTSMAN™ STEEL LOADS

EXPANDED OFFERING WITH NEW - HI-SPEED™ LOADS.

- New 10-gauge loads
- Economical, Hi-Speed™ steel loads
- Waterfowl loads for every hunting situation
- Upland loads for use in non-toxic zones and for practice shooting
- Shot size selection to match your game



Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Ounces of Shot	Shot Sizes
SPORTSMAN™ STEEL LOADS					
*SSTHV10	10	3 1/2"	1500	1 1/8	BB, 2
SST12	12	2 1/4"	1365	1	6, 7
SST12S	12	2 1/4"	1375	1 1/8	2, 4
SSTHV12H	12	3"	1550	1 1/8	BB, 2, 4
*SSTHV12HM	12	3"	1400	1 1/4	BB, 1, 2, 3, 4
SST12HM	12	3"	1300	1 1/8	BB, 2
SSTHV1235	12	3 1/2"	1550	1 1/8	BB, 2
SST20	20	2 1/4"	1425	3/4	7

* New for 2004.

PREMIER® CORE-LOKT® ULTRA BONDED SABOT SLUG

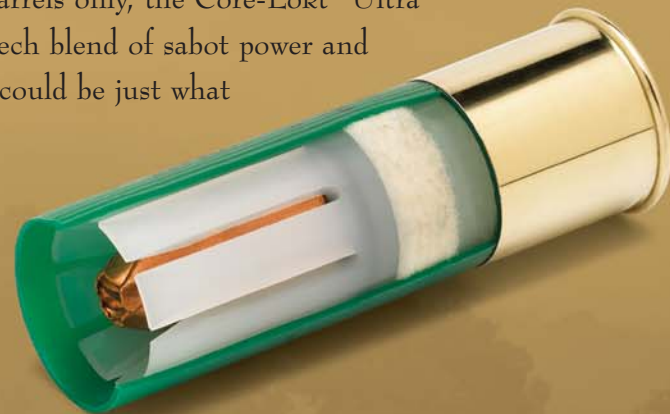


THE SURGICAL PRECISION OF CORE-LOKT® ULTRA.

Core-Lokt® Ultra Bonded. Sophisticated design, flawless performance.

This is one slug that's anything but sluggish when it comes to performance. The Remington® Core-Lokt Ultra Bonded is a sleek, ultra-fast, flat-shooting shotgun sabot slug that's virtually in a class of its own. With incredible accuracy, it delivers a 385-grain, 50 caliber, jacketed, bonded bullet that yields near 100% weight retention and expands to 2x in diameter. Designed

for use in fully rifled barrels only, the Core-Lokt® Ultra Bonded offers a high-tech blend of sabot power and surgical precision that could be just what the doctor ordered.



The 50-caliber Core-Lokt® is a jacketed, bonded lead bullet that hits with full weight retention at 2x expansion.



Index/EDI No.	Gauge	Shell Length	Slug Wt. (oz.)	Velocity (ft./sec.)			Energy (ft.-lbs.)			Trajectory (in.)		
				Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.	150 yds.
PREMIER® CORE-LOKT® ULTRA BONDED SABOT SLUG LOADS												
PR12CLU	12	2 3/4"	385-gr.	1900	1770	1648	3086	2682	2325	1.8	2.4	0.0
PR20CLU	20	2 3/4"	260-gr.	1900	1750	1615	2084	1774	1506	2.0	2.7	0.0

PREMIER® COPPER SOLID™ SABOT SLUGS

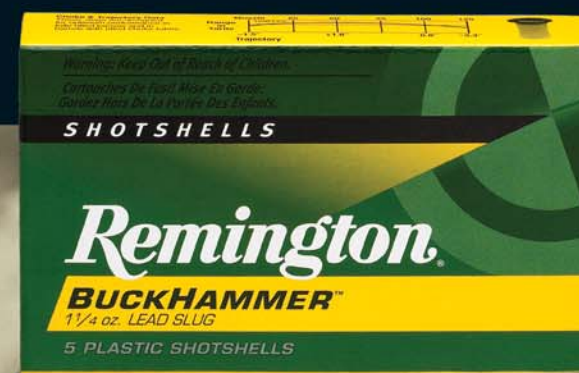
The unique, all-copper shotgun deer load. Designed specifically for use in fully rifled barrels. Outstanding on-game performance with 2x caliber expansion and virtually 100% weight retention. Consistently delivers 2 1/2", 5-shot groups at 100 yards.



Index/EDI No.	Gauge	Shell Length	Slug Wt. (oz.)	Velocity (ft./sec.)			Energy (ft.-lbs.)			Trajectory (in.)	
				Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.
PREMIER® COPPER SOLID™ SABOT SLUG LOADS											
PR12CS	12	2 1/2"	1	1450	1320	1208	2040	1689	1417	0.0†	-3.5
PR12MCS	12	3"	1	1550	1408	1283	2331	1923	1597	0.0†	-2.9
PR20CS	20	2 3/4"	5/8	1500	1360	1240	1444	1187	986	0.0†	-3.1

† 0.0 indicates yardage at which shotgun was sighted in.

BUCKHAMMER™ LEAD SLUG



new
for 2004

Remington® Buckhammer™ has two new offerings for 2004.

- 12-gauge 1 3/8 oz. (600 gr.)
- 20-gauge 1 oz. (437 gr.)



The BuckHammer's 1 3/8-ounce (600 gr.) lead slug offers near 100% weight retention with full 12 ga. (.73 cal.) diameter.

THE BRUTE FORCE OF BUCKHAMMER™ DEVASTATING KNOCKDOWN, OUTSTANDING ACCURACY.

When it's time to put the hammer down, this lead slug delivers a one-two punch of explosive power and incredible accuracy. Specifically designed for rifled barrels and rifled choke tubes, it features an awe-inspiring, 1 1/4-ounce (547 gr.) lead slug. And new for 2004, we're offering the BuckHammer in a 1 3/8-ounce, 12-gauge and 1-ounce, 20-gauge slugs. The stabilizer steers the slug, in flight, improving accuracy, producing 3-inch groups at 100 yards, with 100-percent weight retention. When it comes to knockdown power, we think you'll agree, the devastating power of BuckHammer is a force to be reckoned with.



The unique design of the slug causes it to literally bond with the stabilizer as it travels down the barrel, resulting in unprecedented true flight.



The BuckHammer Lead Slug features an impressive mushroom progression. This expansion creates devastating on-game performance.

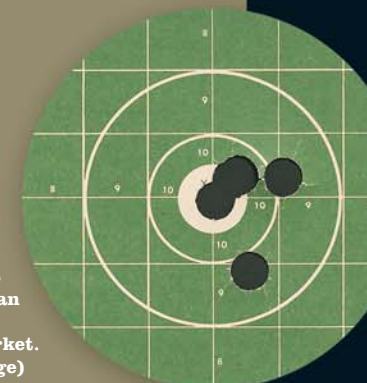
Index/EDI No.	Gauge	Shell Length	Slug Wt. (oz.)	Velocity (ft./sec.)			Energy (ft.-lbs.)			Trajectory (in.)	
				Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.
BUCKHAMMER™											
SP12LSS	12	2 1/2"	1 1/4	1550	1320	1145	2935	2177	1600	0.0	-3.6
* SP12MLSS	12	3"	1 3/8	1500	1234	1059	3232	2281	1710	0.0	-4.0
* SP20LSS	20	2 3/4"	1	1500	1159	995	2236	1461	1074	0.0	-4.6

* New for 2004.

The BuckHammer Lead Slug exhibits impressive accuracy by putting 100 shots inside an amazing 3 1/2" group at 100 yards. (1 oz., 20-gauge)



The innovative design of the stabilizer allows the BuckHammer to deliver 3" groups at 100 yards with 13% more energy than any other lead slug on the market. (1 3/8 oz., 12-gauge)



AMMUNITION



PREMIER® HEVI•SHOT® BUCKSHOT. HEAVIER, TIGHTER AND DEADLIER THAN LEAD.

Composed of a proprietary tungsten-based alloy, Premier® Hevi•Shot® Buckshot loads are the perfect choice for deer hunters who enjoy the superior performance characteristics of Hevi•Shot®. With pellets 10% heavier than lead, testing at Remington has shown Premier® Hevi•Shot® Buckshot loads create a 40% tighter pattern than standard lead buckshot at 40 yards. Even more impressive, the penetration is 18% deeper providing deer hunters with unparalleled performance.

PREMIER® NICKEL-PLATED BUCKSHOT.

Magnum-grade, nickel-plated lead pellets provide deeper penetration than unplated lead. Dense, evenly balanced patterns are 25% tighter than those of normal lead buckshot.

EXPRESS® BUCKSHOT.

One of the great values in shotgun deer loads. A combination of heavy cushioning behind the shot column and a granulated polymer buffering helps maintain pellet roundness for tight, even patterns.

Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Buckshot Size	Pellet Count
PREMIER® HEVI•SHOT® BUCKSHOT - BUFFERED					
PRHS12B00 ¹	12	2 3/4"	1325	00	9
PREMIER® NICKEL-PLATED BUCKSHOT LOADS - BUFFERED					
12SN00	12	2 3/4"	1290	00	12
12HN00	12	3"	1225	00	15
EXPRESS® MAGNUM BUCKSHOT LEAD LOADS - BUFFERED					
1235B00 ¹	12	3 1/2"	1125	00	18
12HB000	12	3"	1225	000	10
12HB00	12	3"	1225	00	15
12HB4	12	3"	1225	4	41
12SB00	12	2 3/4"	1290	00	12
EXPRESS® BUCKSHOT LEAD LOADS - BUFFERED					
12B000	12	2 3/4"	1325	000	8
12B00 ¹	12	2 3/4"	1325	00	9
12B0	12	2 3/4"	1275	0	12
12B1	12	2 3/4"	1250	1	16
12B4	12	2 3/4"	1325	4	27
20B3	20	2 3/4"	1200	3	20
EXPRESS® MANAGED-RECOIL™ BUCKSHOT					
RL12BK00	12	2 3/4"	1200	00	9

¹Utilizes Remington® Power-Piston one-piece wad.

SLUGGER® / SLUGGER® HV

SLUGGER® HIGH VELOCITY SLUGS.

Remington introduces the first high-velocity Foster-style lead slug. This higher velocity slug exits the barrel at 1800 fps, 13% faster than standard 1 oz. slugs. The 7/8 oz. Slugger High Velocity delivers 200 ft-lbs more energy at 50 yards with flatter trajectory on deer than standard 1 oz. slugs. Produced in most popular slug loadings - 2 3/4" and 3" 12-gauge and 2 3/4" 20-gauge with a 1/2 oz. lead slug. Designed for the avid deer hunter using smooth bore guns.

SLUGGER® RIFLED SLUGS.

Remington's most popular, accurate, hard-hitting slug. Slightly oversized for great smooth-bore shotgun performance, resulting in better sealing against the barrel wall for greater accuracy.



Index/EDI No.	Gauge	Shell Length	Slug Wt. (oz.)	Velocity (ft./sec.)			Energy (ft.-lbs.)			Trajectory (in.)	
				Muz.	50 yds.	100 yds.	Muz.	50 yds.	100 yds.	50 yds.	100 yds.
SLUGGER® HIGH VELOCITY SLUG LOADS											
SPHV12RS	12	2 3/4"	7/8	1800	1252	978	2751	1334	813	0.0 [†]	-4.1
SPHV12MRS	12	3"	7/8	1875	1302	998	2989	1442	847	0.0 [†]	-3.7
SPHV20RS	20	2 3/4"	1/2	1800	1321	1037	1575	848	523	0.0 [†]	-3.6
SLUGGER® RIFLED SLUG LOADS											
SP12RS	12	2 3/4"	1	1560	1175	977	2361	1340	926	0.0 [†]	-4.8
S12SRS	12	2 3/4"	1	1680	1285	1045	2738	1605	1059	0.0 [†]	-3.8
S12MRS	12	3"	1	1760	1345	1075	3005	1753	1121	0.0 [†]	-3.4
SP16RS	16	2 3/4"	4/5	1600	1175	965	1989	1072	724	0.0 [†]	-4.8
SP20RS	20	2 3/4"	5/8	1580	1240	1034	1513	931	648	0.0 [†]	-4.2
SP41RS	.410	2 3/4"	1/5	1830	1335	1040	654	348	211	0.0 [†]	-3.5
MANAGED-RECOIL™ RIFLED SLUG LOADS											
RL12RS	12	2 3/4"	1	1200	988	873	1397	948	739	0.0 [†]	-7.4

[†] 0.0 indicates yardage at which shotgun was sighted in.



PREMIER® HEVI•SHOT® EXTRA LONG RANGE. EXTEND YOUR SPHERE OF INFLUENCE.

High-performance upland loads provide superior long-range pattern energy and are suitable where non-toxic shot is required.

Excellent pattern performance. Shot material constructed of tungsten, nickel and iron which leads to greater on-game penetration.

#7 1/2 Hevi•Shot® delivers

the same energy per-pellet as lead #6 or steel #4.



EXPRESS® HIGH-VELOCITY LONG RANGE LOADS.

High velocities dramatically shorten necessary leads so these shells are great for those birds that are hard to get close to - chukar, Huns, grouse, pheasants and sharp-tails. Full 1 1/4-ounce, 12-gauge payload achieves a scorching muzzle velocity of 1400 fps. Full 1-ounce, 20-gauge payload leaves the muzzle at 1300 fps. Loaded with premium high-antimony, copper-plated shot for superior penetration.

EXPRESS® EXTRA LONG RANGE LOADS.

Time-proven performance for every upland game bird. The choice of experienced quail, pheasant and grouse hunters across the country because our Express® line offers the best balance of payload and performance. Available in a broad selection of loadings - from 12-gauge to 410 bore - with shot sizes ranging from BB all the way down to 9.



SHURSHOT® HEAVY FIELD AND HEAVY DOVE LOADS.

Ideal balance of dram equivalents and shot charges creates near-perfect patterns for pass shooting. Better yet, the light recoil doesn't leave you sore after a long day in the dove field.



LEAD GAME LOADS.

Budget-stretching shotshells for a wide variety of hunting. Available in 410 bore, 20-, 16- and 12-gauge loadings. Lead shot selection ranges from 4s to 8s.



SPORT LOADS. Economical, multi-purpose loads. Built with our premium Power Piston® wad and plastic Unibody hulls. Loaded with No. 8 shot. Ideal for skeet, trap and sporting clays, as well as quail, doves and woodcock.

Index/EDI No.	Gauge	Shell Length	Velocity (ft./sec. @ 3 ft.)	Ounces Of Shot	Shot Sizes
PREMIER® HEVI•SHOT® EXTRA LONG RANGE FIELD LOADS - BUFFERED					
PRHS12	12	2 3/4"	1325	1 1/4	4, 6, 7 1/2
PRHS20	20	3"	1300	1 1/4	4, 6, 7 1/2
EXPRESS® HIGH-VELOCITY EXTRA LONG RANGE LOADS					
SPHV12	12	2 3/4"	1400	1 1/4	4, 6, 7 1/2
SPHV20	20	2 3/4"	1300	1	4, 6, 7 1/2
EXPRESS® EXTRA LONG RANGE LOADS					
SP12	12	2 3/4"	1330	1 1/4	BB, 2, 4, 5, 6, 7 1/2, 9
SP16	16	2 3/4"	1295	1 1/4	4, 6, 7 1/2
SP20	20	2 3/4"	1220	1	4, 5, 6, 7 1/2, 9
SP28	28	2 3/4"	1295	3/4	6, 7 1/2
SP410	.410	2 1/2"	1250	1/2	4, 6, 7 1/2
SP413	.410	3"	1135	1 1/16	4, 6, 7 1/2
SHURSHOT® HEAVY FIELD AND HEAVY DOVE LOADS					
RP12H	12	2 3/4"	1220	1 1/4	6, 7 1/2, 8
R12HD	12	2 3/4"	1255	1 1/4	6, 7 1/2, 8
R20HD	20	2 3/4"	1165	1	6, 7 1/2, 8
PROMOTIONAL HEAVY GAME LOADS					
HGL12	12	2 3/4"	1330	1 1/4	4, 6, 7 1/2
HGL16	16	2 3/4"	1295	1 1/4	6
HGL20	20	2 3/4"	1220	1	4, 6, 7 1/2
PROMOTIONAL GAME LOADS					
GL12	12	2 3/4"	1290	1	6, 7 1/2, 8
GL16	16	2 3/4"	1200	1	6, 7 1/2, 8
GL20	20	2 3/4"	1225	7/8	6, 7 1/2, 8
GL410*	.410	2 3/4"	1200	1/2	6
SPORT LOADS					
R12SL	12	2 3/4"	1290	1	8
R20SL	20	2 3/4"	1200	7/8	8

TARGET LOADS



PREMIER® NITRO 27® HANDICAP TRAP LOADS. Designed for long yardage trapshooting and long range sporting clays, our new powder, wad and primer mix have improved the Nitro 27's performance, allowing more consistent velocities, 15% better pattern performance and softer recoil. So if you're looking for tremendous target-breaking performance choose the improved Nitro 27.



PREMIER® NITRO GOLD SPORTING CLAY TARGET LOADS.

A Premier® load developed by Remington® to meet the demands of avid sporting clays shooters. At 1300 fps, the extra velocity gives you an added advantage for those long crossers – making target leads closer to normal for ultimate target-crushing satisfaction. Also makes a great high-velocity dove load.



PREMIER® STS® REDUCED RECOIL. YOU'LL RUN OUT OF TARGETS BEFORE YOU RUN OUT OF SHOULDER.

Designed specifically for the avid skeet shooter, these reduce shooter fatigue and help conserve energy for a winning day in the shootoffs. Also an excellent training load for youth. (May not operate all autoloading shotguns.)



PREMIER® STS® TARGET.

The standard in target shooting reliability. Absolutely consistent from shot to shot. Bar none, the most reliable, most reloadable shells you can shoot. Available in all gauges.



EXPANDED GUN CLUB TARGET LOAD LINE.

An excellent choice for economical shooting. These high-quality shells are loaded with the same care as our top-of-the-line loads and now feature the reliable STS Primer. Many shooters are discovering that they can get acceptable reloading life while stretching their shooting dollar.

Index/EDI No.	Gauge/Bore	Load Type	Shell Length	Powder Dr. Eq.	Velocity (ft./sec. @ 3 ft.)	Ounces Of Shot	Shot Sizes
PREMIER® STS® TARGET LOADS - EXTRA HARD TARGET SHOT							
STS121	12	Premier STS Target	2 3/4"	2 3/4"	1185	1	7 1/2, 8, 8 1/2, 9
STS12LR	12	Premier STS Low Recoil	2 3/4"	2 1/2"	1100	1 1/2	7 1/2, 8
STS12L	12	Premier STS Light Target	2 3/4"	2 3/4"	1145	1 1/2	7 1/2, 8, 8 1/2, 9
STS12LH	12	Premier STS Light Handicap	2 3/4"	3	1200	1 1/2	7 1/2, 8
STS12H	12	Premier STS Heavy Target	2 3/4"	3	1200	1 1/2	9
STS12NH1	12	Premier Nitro 27 Handicap	2 3/4"	HNDPCP	1290	1	7 1/2, 8
STS12NH	12	Premier Nitro 27 Handicap	2 3/4"	HNDPCP	1235	1 1/2	7 1/2, 8
STS12NSC	12	Premier STS Nitro Sporting Clays	2 3/4"	Max	1300	1 1/2	7 1/2, 8
STS12P	12	Premier STS Pigeon	2 3/4"	3 1/4"	1235	1 1/2	7 1/2, 8
STS12IT	12	Premier STS International	2 3/4"	3 1/4"	1325	7/8 (24 gm.)	7 1/2, Cu-P* 8 1/2
STS20LR	20	Premier STS Low Recoil	2 3/4"	2 1/2"	1135	7/8	8, 9
STS20SC	20	Premier STS Target	2 3/4"	2 1/2"	1200	7/8	8
STS20	20	Premier STS Target	2 3/4"	2 1/2"	1200	7/8	9
STS20H	20	Premier STS Target	2 3/4"	—	1200	1	9
STS28SC	28	Premier STS Target	2 3/4"	2	1200	3/4	8
STS28	28	Premier STS Target	2 3/4"	2	1200	3/4	9
STS410	.410	Premier STS Target	2 3/4"	Max	1200	1/2	9
STS410SC	.410	Premier STS Target	2 3/4"	Max	1200	1/2	8 1/2
GUN CLUB TARGET LOADS							
GC121	12	Gun Club	2 3/4"	2 3/4"	1185	1	8
GC12L	12	Gun Club	2 3/4"	2 3/4"	1145	1 1/2	7 1/2, 8, 9
GC12	12	Gun Club	2 3/4"	3	1200	1 1/2	7 1/2, 8
GC20	20	Gun Club	2 3/4"	2 1/2"	1200	7/8	8, 9

CLAY TARGETS

CLAY TARGETS. Whether you are a shooting facility or a retailer, you can count on Remington® to fulfill all your clay target needs. Remington has the variety of clay targets you want from a brand name you can trust. Standard targets are available in orange, yellow-orange, white, green and black, so you'll always have the perfect targets no matter what the background. New for 2004. This year we're offering a full line of sporting clay specialty targets, including rabbits, battues, midis (90 mm) and minis (60mm).

new for 2004

COMPONENTS

REMINGTON RELOADING COMPONENTS.

If you reload your own cartridges, then you shouldn't settle for anything than the best reloading components in the business – Remington®. We offer industry-leading products that are changing the way sportsmen think about reloading. As far as brass goes, when it comes to strength, precision and consistency there's no better reloadable brass on the market. A premium Remington reload isn't complete without the bullet. Great bullets in a variety of styles are available to meet even the most discriminating bench workers' needs. And this year, for the first time, we're offering the Core-Lokt bullets for the reloader who's serious about performance. So whether you're on the range or in the field, there's only one brand that makes components this good. You guessed it – Remington.



Index/EDI No.	Description
ETRONX™ ELECTRIC CENTERFIRE PRIMERS	
XEL22610	9 1/2" Large Rifle (Electric)
CENTERFIRE PRIMERS	
X22600	1 1/2" Small Pistol
X22604	2 1/2" Large Pistol
X22625	5 1/2" Small Pistol
X22606	6 1/2" Small Pistol
X22628	7 1/2" Small Rifle BR
X22608	9 1/2" Large Rifle
X22622	9 1/2" M Magnum Rifle
CONSUMER PACK RIFLE BULLETS	
RB2241	224, 45-grain HP
RB2242	224, 50-grain PSP
RB224P1	224, 50-grain PLHP
RB2244	224, 55-grain MC
RB2243	224, 55-grain PSP
RB224P2	224, 55-grain PLHP
RB2247	224, 62-grain HP Match
RB243P1	243, 80-grain PLHP
RB2432	243, 80-grain PSP
RB2433	243, 100-grain PSP Core-Lokt
RB2571	257, 100-grain PSP Core-Lokt
RB2642	264, 140-grain PSP Core-Lokt
RB2772	277, 130-grain PSP Core-Lokt
RB2842	264, 150-grain PSP Core-Lokt
RB3085	308, 150-grain MC
RB3081	308, 150-grain PSP Core-Lokt
RB3083	308, 180-grain PSP Core-Lokt
RB30301	308 (30-30), 150-grain SP Core-Lokt
RB303B	310 303, 180-grain SP Core-Lokt
RB3231	323, 185-grain PSP Core-Lokt
RB4571	457, 300-grain SJHP
CONSUMER PACK PISTOL BULLETS	
RB9MM3	9MM Caliber, 115 MC
RB9MM11	9MM Caliber, 115 FNEB
RB9MM5	9MM Caliber, 115 JHP

Index/EDI No.	Description
CONSUMER PACK PISTOL BULLETS (cont.)	
RB9MM2	9MM Caliber, 124 MC
RB9MM8	9MM Caliber, 147 JHP
RB380AP	356 380 Auto, 95 MC
RB38S11	356 38 Special, 130 MC
RB357M7	357/38 Caliber, 110 SJHP
RB357M1	357/38 Caliber, 125 SJHP
RB357M2	357/38 Caliber, 158 SJHP
RB40SW1	40/10mm Caliber, 155 JHP
RB40SW3	40/10mm Caliber, 180 MC
RB40SW5	40/10mm Caliber, 180 FNEB
RB40SW2	40/10mm Caliber, 180 JHP
RB41MG1	41 Caliber, 200 SJHP
RB44MG6	44 Caliber, 210 SJHP
RB44MG3	44 Caliber, 240 SJHP
RB45AP4	45 Automatic, 230 MC
RB45AP8	45 Automatic, 230 FNEB
RB45AP7	45 Automatic, 230 JHP
CONSUMER PACK RIFLE BRASS	
RC17R	17 Remington
RC22H	22 Hornet
RC221FB	221 Fireball
RC222R	222 Remington
RC223R	223 Remington
RC2250R	22-250 Remington
RC220S	220 Swift
RC243W	243 Win
RC6MMR	6mm Remington
RC2506R	25-06 Remington
RC2520W	25-20 Win
RC257R	257 Roberts
RC65S	6.5x55 Swedish Mauser
RC260R	260 Remington
RC270W	270 Win
RC7M08R	7mm-08 Remington
RC7MMG	7mm Remington Magnum

Index/EDI No.	Description
CONSUMER PACK RIFLE BRASS (cont.)	
RC7MMRS	7mm Remington SA Ultra Magnum
RC7MMRA	7mm Remington Ultra Magnum
RC280R	280 Remington
RC3030W	30-30 Win
RC300RS	300 Remington SA Ultra Magnum
RC300RA	300 Remington Ultra Magnum
RC3006	30-06 SPRG
RC300WM	300 Win Mag
RC303B	303 British
RC308W	308 Win
RC3220W	32-20 Win
RC8MSR	8mm Mauser
RC8MMG	8mm Remington Magnum
RC338W	338 Win Mag
RC338RA	338 Remington Ultra Magnum
RC350R	350 Remington Magnum
RC35W	35 Whelen
RC375H	375 H&H Magnum
RC375RA	375 Remington Ultra Magnum
RC4440W	44-40 Win
RC4570G	45-70 Government
CONSUMER PACK PISTOL BRASS	
RC357MG	357 Magnum
RC357X	357 Maximum
RC9MM	9mm Luger
RC38AS	38 Super Auto Colt Pistol +P
RC38SP	38 Special
RC40SW	40 S&W
RC41RA	41 Remington Magnum
RC44RA	44 Remington Magnum
RC44SW	44 S&W
RC45C	45 Colt
RC45A	45 Auto
RC454C	454 Casull

BR = Bench Rest / FNEB = Flat Nose Enclosed Base / HP = Hollow Point
 JHP = Jacketed Hollow Point / MC = Metal Case / PLHP = Power Lokt Hollow Point
 PSP = Pointed Soft Point / SJHP = Semi-Jacketed Hollow Point / SP = Soft Point

A M M U N I T I O N

CENTERFIRE BALLISTICS



Finding the correct ammunition and understanding how it performs is key to not only getting the most out of your rifle, but for safety's sake as well. To help you better understand centerfire ballistics, Remington has compiled a series of tables to make it easy to identify the proper ammunition and to measure its performance through velocity, energy and trajectory.

RIFLE VELOCITY VS BARREL LENGTH.

These tables were calculated by computer. A standard scientific technique was used to predict trajectories from the best available data for each round. Trajectories shown typify the ammunition's performance at sea level, but note that they may vary due to atmospheric conditions and the equipment.

All velocity and energy figures in these charts have been derived by using test barrels of indicated lengths.

Ballistics shown are for 24" barrels, except those for 30 carbine and 44 Remington Magnum, which are for 20" barrels. These barrel lengths were chosen as representative, as it's impractical to show performance figures for all barrel lengths.

The muzzle velocities, muzzle energies and trajectory data in these tables represent the approximate performance expected of each specified loading. Differences in barrel lengths, internal firearm dimensions, temperature and test procedure can produce actual velocities that vary from those given here.

MUZZLE VELOCITY RANGE (FT./SEC.)	APPROX. CHANGE IN MUZZLE VELOCITY PER 1" CHANGE IN BARREL LENGTH (FT./SEC.)
2000-2500	10
2500-3000	20
3000-3500	30
3500-4000	40

1. Determine how much shorter, or longer, your barrel is than the test barrel.
2. In the left column of the chart (left), select the muzzle-velocity class of your cartridge.
3. To the right of that class, read the approximate change in velocity per inch of barrel length.
4. Multiply this number by the difference in the length of your barrel from that of the test barrel.
5. If your barrel is shorter than the test barrel, subtract this figure from the muzzle velocity shown for your cartridge.
6. If your barrel is longer, add this figure to the muzzle velocity shown.

The trajectory figures shown in these ballistic tables are the rise or drop, in inches, of the bullet from a direct line of sight at selected yardage. Sighting-in distances have been set at 100 to 250 yards.

The line of sight used is 1 1/2" above the axis of the bore. Since the rise or drop figures shown at the stated yardage are points of impact, you must hold low for positive figures, high for negative figures.

Many shooters who use the same cartridge often find it helpful to commit the rise and drop figures for that cartridge to memory, or tape them to their rifle stock. That way, they know instantly the right "hold" as soon as they estimate the target's range.

VENTED TEST BARREL BALLISTICS.

This Remington-patented, industry-accepted method provides data that more precisely reflect actual use of revolver ammunition. It considers cylinder gap, barrel length, powder position, and production tolerances. Although our final values differ from conventional figures, the ammunition is unchanged. Key elements of our patented procedure include: (a) horizontal powder orientation; (b) cylinder gap: .008"; (c) barrel length: 4".

CENTERFIRE BALLISTICS

17 Remington – 270 Win.

CALIBER	INDEX/EDI NUMBER	WT. (GRS.)	BULLET STYLE	PRIMER NUMBER	VELOCITY (FT./SEC.)					ENERGY (FT.-LBS.)					SHORT-RANGE ¹ TRAJECTORY*					LONG-RANGE ² TRAJECTORY*					BALLISTIC CO-EFFICIENT					
					MUZZLE	100	200	300	400	500	MUZZLE	100	200	300	400	500	50	100	150	200	250	300	100	150		200	250	300	400	500
17 Remington	* PRA17RA	20	AccuTip [®] Boat Tail	7 1/2	4250	3594	3028	2529	2081	1684	802	574	407	284	192	126	-0.4	0.1	zero	-0.9	-2.8	-5.9	1.3	1.7	1.3	zero	-2.5	-11.8	-29.2	0.185
	R17R2	25	Homady Hollow Point	7 1/2	4040	3284	2644	2086	1606	1235	906	599	388	242	143	85	0.0	0.3	zero	-1.3	-3.8	-7.8	1.8	2.3	1.8	zero	-3.3	-16.6	-43.6	0.151
22 Hornet	R22HN1	45	Pointed Soft Point	6 1/2	2690	2042	1502	1128	948	840	723	417	225	127	90	70	0.0	zero	-2.1	-7.1	-16.0	-30.0	1.4	zero	-4.3	-12.4	-25.8	-74.2	-162.0	0.130
	R22HN2	45	Hollow Point	6 1/2	2690	2042	1502	1128	948	840	723	417	225	127	90	70	0.0	zero	-2.1	-7.1	-16.0	-30.0	1.4	zero	-4.3	-12.4	-25.8	-74.2	-162.0	0.130
220 Swift	R220S1	50	Pointed Soft Point	7 1/2	3780	3158	2617	2135	1710	1357	1586	1107	760	506	325	204	0.0	0.3	zero	-1.4	-4.0	-8.2	0.4	1.0	zero	-2.3	-6.2	-20.1	-46.1	0.175
221 Rem. Fireball	* PRA221FB	50	AccuTip [®] Boat Tail	7 1/2	2995	2605	2247	1918	1622	1368	996	753	560	408	292	208	0.2	0.7	zero	-2.2	-6.1	-12.1	1.8	1.7	zero	-3.4	-8.8	-27.1	-58.8	0.238
222 Remington	R222R1	50	Pointed Soft Point	7 1/2	3140	2602	2123	1700	1350	1107	1094	752	500	321	202	136	0.1	0.7	zero	-2.3	-6.5	-13.1	1.9	1.7	zero	-3.6	-9.7	-31.7	-72.8	0.175
	R222R3	50	Power-Lok [®] Hollow Point	7 1/2	3140	2635	2182	1777	1432	1172	1094	771	529	351	228	152	0.1	0.7	zero	-2.2	-6.2	-12.5	1.8	1.6	zero	-3.5	-9.2	-29.6	-67.1	0.188
223 Remington	* PRA222RB	50	AccuTip [®] Boat Tail	7 1/2	3140	2744	2380	2045	1740	1471	1094	836	629	464	336	240	0.1	0.6	zero	-1.9	-5.4	-10.7	1.6	1.5	zero	-3.0	-7.8	-23.9	-51.7	0.242
	* PRA223RB	50	AccuTip [®] Boat Tail	7 1/2	3300	2889	2514	2168	1851	1568	1209	927	701	522	380	273	0.0	0.5	zero	-1.7	-4.8	-9.4	-0.1	1.3	zero	-2.6	-6.9	-21.2	-45.8	0.242
223 Remington	* PRA223RC	55	AccuTip [®] Boat Tail	7 1/2	3240	2854	2500	2172	1871	1598	1282	995	763	576	427	312	0.2	0.6	zero	-1.8	-5.1	-9.9	1.5	1.4	zero	-2.8	-7.1	-21.7	-46.3	0.255
	R223R1	55	Pointed Soft Point	7 1/2	3240	2747	2304	1905	1554	1270	1282	921	648	443	295	197	0.0	0.6	zero	-2.0	-5.6	-11.2	1.6	1.5	zero	-3.1	-8.2	-26.2	-58.6	0.197
223 Remington	R223R2	55	Power-Lok [®] Hollow Point	7 1/2	3240	2773	2352	1969	1627	1341	1282	939	675	473	323	220	0.0	0.6	zero	-1.9	-5.4	-10.7	1.5	1.4	zero	-3.0	-7.9	-24.8	-55.1	0.209
	R223R3	55	Metal Case	7 1/2	3240	2759	2326	1933	1587	1301	1282	929	660	456	307	207	0.0	0.6	zero	-1.9	-5.5	-11.0	1.6	1.5	zero	-3.1	-8.1	-25.5	-57.0	0.202
223 Remington	R223R6	62	Hollow Point Match	7 1/2	3025	2572	2162	1792	1471	1217	1260	911	643	442	298	204	0.2	0.7	zero	-2.3	-6.5	-12.9	1.9	1.7	zero	-3.6	-9.4	-29.9	-68.4	0.205
	R22501	55	Pointed Soft Point	9 1/2	3680	3137	2656	2222	1832	1493	1654	1201	861	603	410	272	0.0	0.3	zero	-1.4	-4.0	-8.1	1.9	2.4	1.8	zero	-3.3	-15.5	-38.3	0.197
22-250 Remington	R22502	55	Power-Lok [®] Hollow Point	9 1/2	3680	3209	2785	2400	2046	1725	1654	1257	947	703	511	363	0.0	0.3	zero	-1.3	-3.7	-7.4	1.8	2.2	1.7	zero	-3.0	-13.7	-32.8	0.230
	* PRA2250RB	50	AccuTip [®] Boat Tail	9 1/2	3725	3272	2864	2491	2147	1832	1540	1188	910	689	512	372	0.0	0.3	zero	-1.2	-3.5	-7.0	1.7	2.1	1.6	zero	-2.8	-12.8	-30.4	0.242
6mm Remington†	R6MM4	100	Core-Lok [®] Pointed Soft Point	9 1/2	3100	2829	2573	2332	2104	1889	2133	1777	1470	1207	983	792	0.0	0.6	zero	-1.8	-4.8	-9.3	1.4	1.3	zero	-2.6	-6.7	-19.8	-40.8	0.356
243 Win.	* PRA243WB	75	AccuTip [®] Boat Tail	9 1/2	3375	3065	2775	2504	2248	2008	1897	1564	1282	1044	842	671	0.0	0.4	zero	-1.4	-4.0	-7.8	2.0	2.4	1.8	zero	-3.0	-13.3	-30.6	0.330
	R243W1	80	Pointed Soft Point	9 1/2	3350	2955	2593	2259	1951	1670	1993	1551	1194	906	676	495	0.0	0.5	zero	-1.6	-4.5	-8.8	2.2	2.7	2.0	zero	-3.5	-15.8	-37.3	0.255
243 Win.	R243W2	80	Power-Lok [®] Hollow Point	9 1/2	3350	2955	2593	2259	1951	1670	1993	1551	1194	906	676	495	0.0	0.5	zero	-1.6	-4.5	-8.8	2.2	2.7	2.0	zero	-3.5	-15.8	-37.3	0.255
	PRSC243WA	90	Swift Scirocco [™] Bonded	9 1/2	3120	2871	2635	2411	2199	1997	1946	1647	1388	1162	966	797	0.0	0.5	zero	-1.7	-4.5	-8.9	1.4	1.3	zero	-2.5	-6.4	-18.8	-38.3	0.390
243 Win.	PRA243WA	95	AccuTip [®] Boat Tail	9 1/2	3120	2847	2590	2347	2118	1902	2053	1710	1415	1162	946	763	0.0	0.5	zero	-1.7	-4.6	-9.2	0.5	1.3	zero	-2.7	-6.6	-19.5	-40.2	0.355
	PRC243WC	100	Core-Lok [®] Ultra Pointed Soft Point	9 1/2	2960	2709	2471	2246	2033	1832	1945	1629	1356	1120	917	745	0.0	0.5	zero	-2.0	-5.3	-10.3	1.6	1.5	zero	-2.9	-7.3	-21.6	-44.3	0.373
243 Win.	R243W3	100	Hollow Point Soft Point	9 1/2	2960	2697	2449	2215	1993	1786	1945	1615	1332	1089	882	708	0.1	0.7	zero	-2.0	-5.4	-10.4	1.6	1.5	zero	-2.9	-7.5	-21.1	-45.4	0.356
	R25062	100	Core-Lok [®] Pointed Soft Point	9 1/2	3230	2893	2580	2287	2014	1762	2316	1858	1478	1161	901	689	0.0	0.5	zero	-1.7	-4.6	-9.1	1.3	1.3	zero	-2.6	-6.6	-19.8	-41.7	0.292
25-06 Remington	* PRC2506RA	115	Core-Lok [®] Ultra Pointed Soft Point	9 1/2	3000	2751	2516	2293	2081	1881	2298	1933	1616	1342	1106	903	0.1	0.6	zero	-1.9	-5.1	-9.9	1.6	1.4	zero	-2.8	-7.1	-20.7	-42.5	0.380
	R25063	120	Core-Lok [®] Pointed Soft Point	9 1/2	2990	2730	2484	2252	2032	1825	2382	1985	1644	1351	1100	887	0.1	0.6	zero	-1.9	-5.2	-10.1	1.6	1.4	zero	-2.8	-7.2	-21.4	-44.1	0.362
25-20 Win.	R25202	86	Soft Point	6 1/2	1460	1194	1030	931	858	797	407	272	203	165	141	121	zero	-3.5	-13.2	-30.0	-54.7	-89.1	zero	-7.9	-22.9	-45.8	-78.5	-173.0	-315.5	0.190
250 Savage	R250SV	100	Pointed Soft Point	9 1/2	2820	2504	2210	1936	1684	1461	1765	1392	1084	832	630	474	0.0	zero	-1.3	-4.1	-8.7	-15.3	2.0	1.8	zero	-3.6	-9.2	-27.7	-58.6	0.285
257 Roberts	R257	117	Core-Lok [®] Soft Point	9 1/2	2650	2291	1961	1663	1404	1199	1824	1363	999	718	512	373	0.0	zero	-1.6	-5.2	-10.5	-19.5	2.6	2.3	zero	-4.1	-11.7	-36.1	-78.2	0.240
6.5x55 Swedish	R65SWE1	140	Core-Lok [®] Pointed Soft Point	9 1/2	2550	2353	2164	1984	1814	1654	2021	1720	1456	1224	1023	850	0.0	zero	-1.5	-4.8	-9.9	-17.0	2.4	2.1	zero	-3.9	-9.8	-27.0	-57.8	0.435
6.5mm Remington Mag *	R65MM2	120	Core-Lok [®] Pointed Soft Point	9 1/2 M	3210	2905	2621	2353	2102	1867	2745	2248	1830	1475	1177	929	0.4	0.7	zero	-1.8	-4.9	-9.5	2.7	3.0	2.1	zero	-3.5	-15.5	-35.3	0.323
260 Remington	PRA260RA	120	AccuTip [®] Boat Tail	9 1/2	2890	2697	2512	2334	2163	2																				

CENTER FIRE BALLISTICS

280 Remington – 300 Win. Mag.

CALIBER	INDEX/EDI NUMBER	WT. (GRS.)	BULLET STYLE	PRIMER NUMBER	VELOCITY (FT./SEC.)					ENERGY (FT.-LBS.)					SHORT-RANGE ¹ TRAJECTORY*					LONG-RANGE ² TRAJECTORY*					BALLISTIC CO-EFFICIENT					
					MUZZLE	100	200	300	400	500	MUZZLE	100	200	300	400	500	50	100	150	200	250	300	100	150		200	250	300	400	500
280 Remington†	R280R3	140	Core-Lokt® Pointed Soft Point	9 1/2	3000	2758	2528	2309	2102	1905	2797	2363	1986	1657	1373	1128	0.1	0.6	zero	-1.9	-5.1	-9.8	1.5	1.4	zero	-2.8	-7.0	-20.5	-42.0	0.390
	R280R1	150	Core-Lokt® Pointed Soft Point	9 1/2	2890	2624	2373	2135	1912	1705	2781	2293	1875	1518	1217	968	0.2	0.7	zero	-2.1	-5.8	-11.2	1.8	1.6	zero	-3.1	-8.0	-23.6	-48.8	0.346
	R280R2	165	Core-Lokt® Soft Point	9 1/2	2820	2510	2220	1950	1701	1479	2913	2308	1805	1393	1060	801	0.0	zero	-1.3	-4.1	-8.6	-15.2	2.0	1.8	zero	-3.6	-9.1	-27.4	-57.8	0.290
7mm-08 Remington	R7M082	120	Hollow Point	9 1/2	3000	2725	2467	2223	1992	1778	2398	1979	1621	1316	1058	842	0.1	0.6	zero	-1.9	-5.3	-10.2	1.6	1.4	zero	-2.9	-7.3	-21.7	-44.9	0.343
	R7M081	140	Core-Lokt® Pointed Soft Point	9 1/2	2860	2625	2402	2189	1988	1798	2542	2142	1793	1490	1228	1005	0.2	0.7	zero	-2.1	-5.7	-11.0	1.8	1.6	zero	-3.1	-7.8	-22.9	-46.8	0.390
	* PRA7M08RB	140	AccuTip™ Boat Tail	9 1/2	2860	2670	2489	2314	2146	1986	2542	2216	1925	1664	1432	1225	0.2	0.7	zero	-2.0	-5.4	-10.3	1.7	1.5	zero	-2.9	-7.3	-21.1	-42.5	0.486
7mm Rem Magnum	PRC7MMRA	140	Core-Lokt® Ultra Pointed Soft Point	9 1/2 M	3175	2934	2707	2490	2283	2086	3133	2676	2277	1927	1620	1353	0.1	0.5	zero	-1.6	-4.3	-8.4	1.3	1.2	zero	-2.4	-6.0	-17.7	-36.0	0.409
	R7MM4	140	Core-Lokt® Pointed Soft Point	9 1/2 M	3175	2923	2684	2458	2243	2039	3133	2655	2240	1878	1564	1292	0.0	0.5	zero	-1.6	-4.4	-8.5	2.2	2.6	1.9	zero	-3.2	-14.2	-32.0	0.390
	* RL7MM4	140	Core-Lokt® Pointed Soft Point	9 1/2 M	2710	2482	2265	2059	1865	1683	2283	1915	1595	1318	1081	880	0.0	zero	-1.5	-4.5	-9.2	-15.7	1.0	zero	-2.5	-6.7	-12.8	-31.3	-59.9	0.388
	PRSC7MMB	150	Swift Scirocco™ Bonded	9 1/2 M	3110	2927	2751	2582	2419	2262	3221	2852	2520	2220	1948	1704	0.0	0.5	zero	-1.6	-4.3	-8.2	1.3	1.2	zero	-2.3	-5.9	-17.0	-34.0	0.533
	* PRA7MMRB	150	AccuTip™ Boat Tail	9 1/2 M	3110	2926	2749	2579	2415	2258	3221	2850	2516	2215	1943	1697	0.0	0.5	zero	-1.6	-4.3	-8.2	1.3	1.2	zero	-2.3	-5.9	-17	-34.1	0.530
	R7MM2	150	Core-Lokt® Pointed Soft Point	9 1/2 M	3110	2830	2568	2320	2085	1866	3221	2667	2196	1792	1448	1160	0.0	0.5	zero	-1.6	-4.6	-9.0	1.3	1.2	zero	-2.5	-6.6	-20.2	-43.4	0.346
	PRC7MMRC	160	Core-Lokt® Ultra Pointed Soft Point	9 1/2 M	2950	2724	2510	2305	2109	1924	3091	2636	2237	1887	1581	1315	0.1	0.6	zero	-1.9	-5.2	-10.0	1.6	1.4	zero	-2.8	-7.1	-20.8	-42.4	0.415
R57MMA	160	A-Frame™ Pointed Soft Point	9 1/2 M	2900	2659	2430	2212	2006	1812	2987	2511	2097	1739	1430	1166	0.2	0.7	zero	-2.0	-5.5	-10.7	1.7	1.5	zero	-3.0	-6.9	-19.8	-40.0	0.382	
R7MM3	175	Core-Lokt® Pointed Soft Point	9 1/2 M	2860	2645	2440	2244	2057	1879	3178	2718	2313	1956	1644	1372	0.2	0.7	zero	-2.1	-5.6	-10.7	1.7	1.5	zero	-3.0	-7.6	-21.4	-44.8	0.427	
7mm STW	R57MSTWA	140	A-Frame™ Pointed Soft Point	9 1/2 M	3325	3020	2735	2467	2215	1978	3436	2834	2324	1892	1525	1215	0.0	0.4	zero	-1.5	-4.1	-8.0	2.1	2.5	1.8	zero	-3.1	-13.8	-31.5	0.332
	R7MSTW1	140	Core-Lokt® Pointed Soft Point	9 1/2 M	3325	3064	2818	2585	2364	2153	3436	2918	2468	2077	1737	1441	0.0	0.4	zero	-1.4	-3.9	-7.6	2.0	2.4	1.7	zero	-2.9	-12.8	-28.8	0.390
7mm Mauser (7x57)	R7MSR1	140	Core-Lokt® Pointed Soft Point	9 1/2	2660	2435	2221	2018	1827	1648	2199	1843	1533	1266	1037	844	0.0	zero	-1.4	-4.4	-9.1	-15.8	2.2	1.9	zero	-3.6	-9.2	-27.4	-55.3	0.390
7mm Remington SA Ultra Mag™	PR75M1	140	Core-Lokt® Ultra Pointed Soft Point	9 1/2	3110	2828	2563	2313	2077	1856	3221	2663	2188	1782	1437	1147	0.1	0.6	zero	-1.8	-4.8	-9.4	2.5	2.9	2.1	zero	-3.6	-15.8	-36.1	0.346
	* PR75M4	160	Core-Lokt® Ultra Pointed Soft Point	9 1/2	2960	2733	2518	2313	2117	1931	3112	2654	2252	1900	1592	1311	0.1	0.6	zero	-1.9	-5.2	-9.9	2.7	3.1	2.2	zero	-3.7	-16.2	-36.5	0.414
	PR75M2	150	Core-Lokt® Pointed Soft Point	9 1/2 M	3175	2934	2707	2490	2283	2086	3133	2676	2277	1927	1620	1353	0.1	0.5	zero	-1.6	-4.3	-8.4	1.3	1.2	zero	-2.4	-6.0	-17.7	-36.0	0.409
7mm Rem Ultra Mag™	PR7UM1	140	Core-Lokt® Ultra Pointed Soft Point	9 1/2 M	3425	3158	2907	2669	2444	2229	3646	3099	2626	2214	1856	1545	0.0	0.4	zero	-1.3	-3.6	-7.1	1.8	2.2	1.6	zero	-2.7	-11.9	-27.0	0.409
30 Carbine	R30CAR	110	Soft Point	6 1/2	1990	1567	1236	1035	923	842	967	600	373	262	208	173	0.6	zero	-4.2	-12.9	-27.2	-48.6	zero	-4.2	-12.9	-27.2	-48.6	-116.6	-225.5	0.166
30-30 Win. Accelerator®	R3030A	55	Soft Point	9 1/2	3400	2693	2085	1570	1187	986	1412	886	521	301	172	119	0.0	0.6	zero	-2.2	-6.2	-13.2	1.7	1.6	zero	-3.5	-9.9	-34.3	-83.3	0.139
30-30 Win.	R30301	150	Core-Lokt® Soft Point	9 1/2	2390	1973	1605	1303	1095	974	1902	1296	858	565	399	316	0.2	zero	-2.4	-7.6	-16.1	-28.8	1.6	zero	-4.3	-12.1	-24.0	-64.2	-133.2	0.193
	R30302	170	Core-Lokt® Soft Point	9 1/2	2200	1895	1619	1381	1191	1061	1827	1355	989	720	535	425	0.3	zero	-2.7	-8.3	-17.1	-29.9	1.8	zero	-4.6	-12.6	-24.5	-62.6	-125.3	0.254
	R30303	170	Core-Lokt® Hollow Point	9 1/2	2200	1895	1619	1381	1191	1061	1827	1355	989	720	535	425	0.3	zero	-2.7	-8.3	-17.1	-29.9	1.8	zero	-4.6	-12.6	-24.5	-62.6	-125.3	0.254
30-40 Krag	R30402	180	Core-Lokt® Pointed Soft Point	9 1/2	2430	2213	2007	1813	1632	1468	2360	1957	1610	1314	1064	861	0.1	zero	-1.8	-5.6	-11.6	-18.6	1.2	zero	-3.2	-8.5	-15.0	-39.9	-76.7	0.383
30-06 Springfield Accelerator†	R30069	55	Pointed Soft Point	9 1/2	4080	3484	2964	2499	2080	1706	2033	1482	1073	763	528	355	0.0	0.2	zero	-1.0	-3.0	-6.2	1.4	1.8	1.4	zero	-2.6	-12.2	-30.0	0.197
30-06 Springfield	R30061	125	Pointed Soft Point	9 1/2	3140	2780	2447	2138	1853	1595	2736	2145	1662	1269	953	706	0.0	0.6	zero	-1.9	-5.2	-10.1	1.5	1.4	zero	-2.8	-7.4	-22.4	-47.6	0.268
	* RL30062	125	Core-Lokt® Pointed Soft Point	9 1/2	2660	2335	2034	1757	1509	1300	1964	1513	1148	856	632	469	-1.2	zero	-1.7	-5.2	-10.9	-18.9	1.1	zero	-3.0	-8.0	-15.5	-37.4	-78.7	0.267
	PRSC3006C	150	Swift Scirocco™ Bonded	9 1/2	2910	2696	2492	2298	2111	1934	2820	2421	2069	1758	1485	1246	0.1	0.7	zero	-2.0	-5.3	-10.2	1.6	1.5	zero	-2.9	-7.3	-21.1	-42.3	0.435
	* PRA3006A	150	AccuTip™ Boat Tail	9 1/2	2910	2686	2473	2270	2077	1893	2820	2403	2037	1716	1436	1193	0.1	0.7	zero	-2.0	-5.4	-10.3	1.7	1.5	zero	-2.9	-7.4	-21.5	-43.7	0.415
	R30062	150	Core-Lokt® Pointed Soft Point	9 1/2	2910	2617	2342	2083	1843	1622	2820	2281	1827	1445	1131	876	0.2	0.7	zero	-2.2	-5.9	-11.4	1.8	1.6	zero	-3.2	-8.2	-24.4	-50.9	0.314
	R30063	150	Bronze Point™	9 1/2	2910	2656	2416	2189	1974	1773	2820	2349	1944	1596	1298	1047	0.2	0.7	zero	-2.0	-5.6	-10.8	1.7	1.5	zero	-3.0	-7.7	-22.7	-46.6	0.365
	PRC3006A	150	Core-Lokt® Ultra Pointed Soft Point	9 1/2	2910	2631	2368	2121	1889	1674	2820	2305	1868	1498	1188	933	0.2	0.7	zero	-2.1	-5.8	-11.2	1.8	1.6	zero	-3.1	-8.0	-23.8	-49.3	0.331
	* PRA3006B	165	AccuTip™ Boat Tail	9 1/2	2800	2597	2403	2217	2039	1870	2872	2470	2115	1800	1523	1281	0.2	0.8	zero	-2.1	-5.9	-11.1	1.8	1.6	zero	-3.2	-7.9	-22.8	-46.2	0.447
	R3006B	165	Core-Lokt® Pointed Soft Point	9 1/2	2800	2534	2283	2047	1825	1621	2872	2452	1919	1534	1220	963	0.3	0.8	zero	-2.3	-6.3	-12.1	2.0	1.7	zero	-3.4	-8.7	-25.9	-53.2	0.339
	* PRC3006B	168	Core-Lokt® Ultra Pointed Soft Point	9 1/2	2800	2546	2306	2079	1866	1668	2924	2418	1984	1613	1299	1037	0.3	0.8	zero	-2.3	-6.2	-11.9	1.9	1.7	zero	-3.3	-8.5	-25.1	-51.7	0.356
	RS3006A	180	A-Frame™ Pointed Soft Point	9 1/2																										