

WINCHESTER
AMMUNITION



2004
PRODUCT GUIDE

INTRODUCING **NEW** For 2004

ACCUBOND™ CT®
25 WSSM
SUPER-TARGET™
45 G.A.P.

WINCHESTER



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MESSAGE FROM THE PRESIDENT

To The Friends and Customers of Winchester

First of all, I would like to extend my personal appreciation for your continued interest in and support of Winchester Ammunition.

We are particularly proud to bring you many exciting new products for the 2004 season. Across the page, I think you'll find continuing evidence of just how serious we are about bringing to market products that meet the diverse and rapidly evolving needs of today's hunters and shooters.

At Winchester, we consistently deliver product innovation. In 2003, for the sixth year in a row, we received the Shooting Industry's prestigious Ammunition of the Year Award. We are honored to be the recipient as it signals the industry's acceptance of our ideas and product executions.

In the past 27 years, Winchester has been awarded 154 patents for ammunition and related products. You should know we are constantly working in the areas of improved product performance as well as forming alliances with other leading companies to assure we maintain the most competitive position in the marketplace.

For 137 years now, the name "Winchester" has come to mean many things to many people. To most, it means the guns and ammunition that won the west. To our employees, Winchester means the daily commitment to design and build the best ammunition money can buy.

There may no longer be "the old west." Yet today, those of us at Winchester are no less dedicated to protecting and preserving our hunting heritage and the fundamental freedoms on which this country was based. In 2004, Winchester will again take a leading role in the areas of conservation, hunter education and safety as well as support of the shooting sports.

I am thankful that you have chosen to take a few moments to sit down and review the 2004 Winchester Ammunition line. Let me extend our best wishes for a safe and successful year in our great outdoors.

Sincerely,

Dick Hammett
President
Winchester Ammunition

NEW FOR 2004

ACCUBOND CT



Our new AccuBond™ CT® gives you everything you've ever wanted in a bonded bullet. Thanks to a totally new boattail bullet jacket design and core bonding process by Nosler®, the new AccuBond CT from Winchester delivers outstanding long-range accuracy, deep penetration and high bullet weight retention. To this, Winchester added corrosion resistant, smooth feeding nickel plated shellcases, high energy propellants and an air-slicing red polymer tip atop its proprietary Lubalox® bullet coating, which reduces barrel fouling resulting in enhanced accuracy.

New AccuBond CT. It's the first core-bonded bullet good enough to bear the Winchester name—and the Winchester red tip.

25 WSSM (WINCHESTER SUPER SHORT MAGNUM) . . .



We've done it again. We've created a cartridge that delivers the red hot, knock-down performance of the 25-06—all in a cartridge that's two action sizes smaller than the 25-06!

Introducing the new 25 WSSM. Like its fellow WSSM family members, the new 25 WSSM is based on a short, fat cartridge geometry. This high efficiency cartridge design requires less propellant than the 25-06, while delivering magnum performance with lower recoil and exceptional "bench-rest" accuracy.

The new Winchester® 25 WSSM—an exciting new reason for you to go "super short" for varmint to deer-sized game!

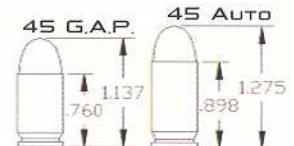
45 G.A.P.



Here's a new handgun cartridge you're going to want to try. It's Winchester's new 45 G.A.P. (Glock Automatic Pistol), a medium-frame handgun cartridge featuring 230-grain bullets capable of matching the performance of the mighty 45 Auto—in a smaller package.

From a design standpoint, 45 G.A.P. handgun cartridges are 1/8" shorter than standard 45 Auto rounds, but provide the same velocities and stopping power for people who are unable to effectively handle larger frame handguns.

So, try Winchester's new 45 G.A.P., a bold new idea from the leader in high performance ammunition—Winchester.



SUPER-TARGET



Let the games begin! Winchester is proud to announce the newest family of contenders in the clay target arena—the new Super-Target™ shotshell loads. Featuring the highly popular 3 and 2-3/4 dram loads, these shotshells are designed to give you outstanding clay-busting performance in sporting clays, trap and skeet—all at a highly competitive, value price. No matter what your game, load up with new Super-Target loads from Winchester.

NEW PRODUCTS

3

WINCHESTER



GREAT. BETTER. BEST.

THE NAMES BEHIND THE WINCHESTER BRAND.

At Winchester, we strive to be all things to all shooters—and our products reflect that goal. From performance to dependability to value, our products deliver what you're looking for.



Looking for the best Winchester Ammunition money can buy? Then look no further than Supreme® or AA®.

Our Supreme ammunition is, simply, the most technologically advanced ammunition in Winchester history. By combining advanced development techniques and innovative production processes, Winchester has elevated ammunition design and performance to its highest level.

For nearly 40 years, AA Target Loads have reigned as the standard of excellence and overwhelming choice of serious target shooters the world over. It's no surprise that AA Target Loads have been endorsed by the Amateur Trap Association, National Skeet Shooting Association and the National Sporting Clays Association.



Want better, more dependable knock-down power? Then load up with the legendary Super-X® ammunition—made with the same skill, care and quality as when first introduced in 1922. Today, Super-X is made using precise manufacturing processes and the highest quality components to give you the consistent, dependable performance that generations of shooters continue to rely upon.



Like to shoot a lot? Then stock up on our Xpert® shotshells or USA Brand centerfire ammunition—both are great choices for value-priced high performance! Xpert shotshells give you the game-getting or clay bird busting edge in the field or at the range. USA Brand is the ideal choice for training, personal protection or extended sessions at the range. Both Xpert shotshells and USA Brand centerfire ammunition feature the Winchester quality, performance and reliability serious shooters demand.

So, no matter what you shoot or how you shoot, load up with the brand that has become “The American Legend”—Winchester Ammunition.



SETTING THE STANDARD FOR CENTERFIRE

At Winchester, we believe the only way to ensure continued world leadership is to maintain strict quality standards through total control of the entire manufacturing process. For this reason, our primary facility, located in East Alton, Illinois, encompasses every facet of the manufacturing cycle. From conducting the research, development and design of new and improved products, to manufacturing the individual components used in producing our ammunition, to ensuring finished product performance in our own test labs and ranges.

By exercising control over component production, we're able to guarantee our ammunition meets the highest standards of quality throughout the complete product line.

Beyond manufacturing, we are constantly looking for ways to make you more successful in the field or on the range.

To this end, Winchester continues to build on its legendary product innovation prowess with the introduction of exciting new centerfire rifle and handgun ammunition offerings every year. And to help you load up with the legend, Winchester pioneered the centerfire rifle "CXP" system. This innovative product identification system was designed to aid in the selection of the most appropriate and effective product for different game and hunting situations. For handgun shooters, we have developed quick reference "user guide" identification icons to help you select the handgun ammunition most appropriate for your needs.

We hope you agree that Winchester® centerfire ammunition is more than mere bullets and brass. Every product and service we offer is designed for a specific use and goal— your success.

Legendary leadership. Legendary innovation.
Winchester: The American Legend.™

CENTERFIRE

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WINCHESTER



ACCUBOND CT



The new AccuBond™ CT® gives you everything you've ever wanted in a bonded bullet. Like the highly successful Ballistic Silvertip®, AccuBond CT is a collaboration between Winchester and Nosler engineers to develop a cartridge that delivers the combination of long-range pinpoint accuracy, deep penetration and high bullet weight retention—all in a bonded bullet.



This significant innovation is due to an entirely new core bonding process by Nosler for a specially designed jacketed boattail bullet. To this, Winchester added corrosion resistant, smooth feeding nickel plated shellcases, high energy propellants and an air-slicing red polymer tip atop its proprietary Lubalox® bullet coating, which reduces barrel fouling resulting in enhanced accuracy.

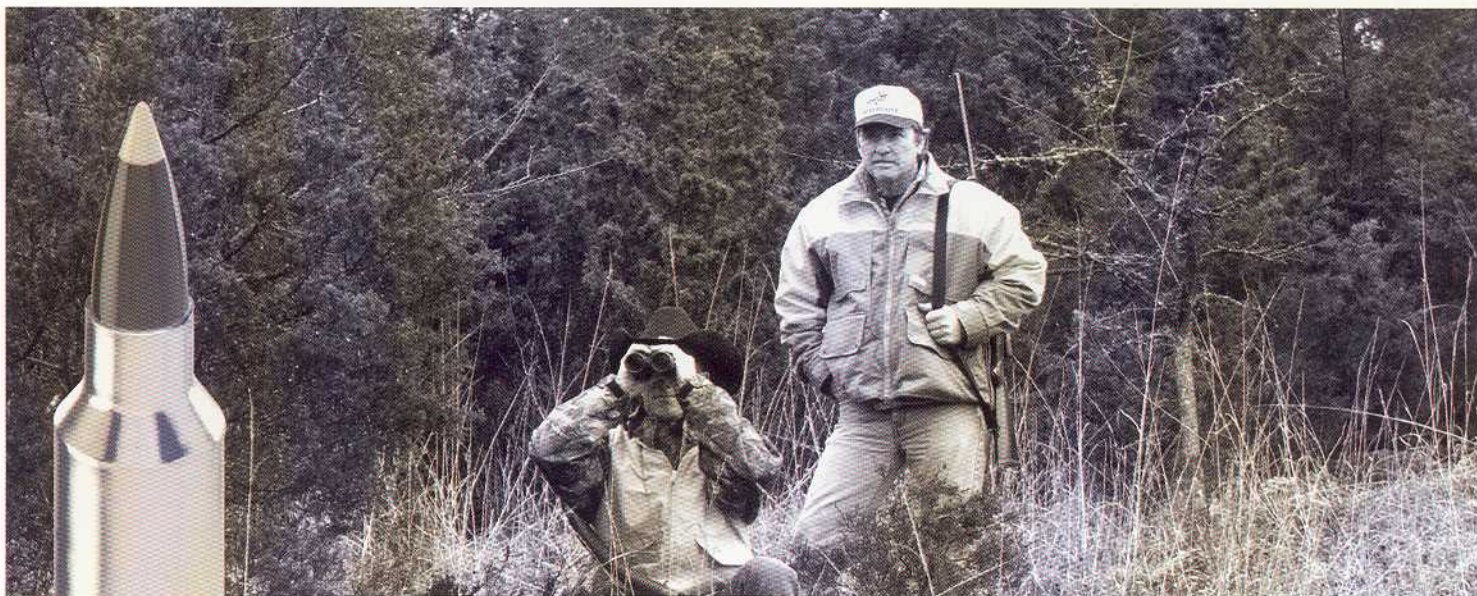
New AccuBond CT. It's Winchester's first bonded product, and the first one good enough to bear the Winchester brand name.



- Fully bonded lead alloy core
- High weight retention
- Pinpoint accuracy
- Boattail design
- Lubalox coating/Red polymer tip

	Cartridge	CXP #	Bullet Wt.
NEW	270 Winchester	2	140 gr.
NEW	270 WSM	3	140 gr.
NEW	7mm Remington Magnum	3	160 gr.
NEW	7mm WSM	3	160 gr.
NEW	30-06 Springfield	3	180 gr.
NEW	300 Winchester Magnum	3	180 gr.
NEW	300 WSM	3	180 gr.
NEW	338 Winchester Magnum	3	225 gr.





BALLISTIC SILVERTIP (BST)

Faced with varmints, thin-skinned or heavy game at long ranges, **Ballistic Silvertip®** Centerfire Rifle Ammunition is the choice of dedicated hunters. This “pinpoint” accurate ammunition combines the proven Nosler® Ballistic Tip® with Winchester’s Lubalox® coating for the ultimate in extreme range, game stopping performance.



The exclusive silver polycarbonate tip is integrated into the bullet during the forming process for uniform shape. In varmint calibers, the jacket contains a pure lead core to promote instantaneous fragmentation. Big Game calibers feature tapered jacket contours and harder lead cores for controlled bullet expansion. All calibers are constructed with long range accuracy and flat trajectory foremost in mind.

Winchester Ballistic Silvertip Centerfire Rifle Ammunition is the round to shoot when you demand unparalleled accuracy and dramatic, “game specific” performance.



- Rapid energy deposit
- Pinpoint accuracy
- Boattail design
- Lubalox coating/Silver polymer tip

Cartridge	CXP#	Bullet Wt.	Cartridge	CXP#	Bullet Wt.
220 Swift	1	40 gr.	270 Winchester	2	130 gr.
22-250 Remington	1	40 gr.	270 WSM	2	130 gr.
22-250 Remington	1	50 gr.	270 WSM	2	150 gr.
22-250 Remington	1	55 gr.	280 Remington	2	140 gr.
222 Remington	1	40 gr.	7mm-08 Remington	2	140 gr.
223 Remington	1	40 gr.	7mm STW	2	140 gr.
223 Remington	1	50 gr.	7mm WSM	2	140 gr.
223 Remington	1	55 gr.	7mm Remington Magnum	2	140 gr.
223 WSSM	1	55 gr.	7mm Remington Magnum	2	150 gr.
243 Winchester	1	55 gr.	30-06 Springfield	2	150 gr.
243 Winchester	2	95 gr.	30-06 Springfield	2	168 gr.
243 WSSM	1	55 gr.	30-06 Springfield	2	180 gr.
243 WSSM	2	95 gr.	300 WSM	2	150 gr.
25-06 Remington	1	85 gr.	300 WSM	3	180 gr.
25-06 Remington	2	115 gr.	300 Winchester Magnum	3	180 gr.
<small>NEW</small> 25 WSSM	1	85 gr.	308 Winchester	2	150 gr.
<small>NEW</small> 25 WSSM	2	115 gr.	308 Winchester	2	168 gr.
			338 Winchester Magnum	3	200 gr.



CENTERFIRE RIFLE

WINCHESTER



FAILSAFE (Fs)

When the time comes to take that once in a lifetime shot—make a clean break from traditional big game rifle ammunition performance. Load up with Supreme® Fail Safe®—a cartridge so advanced that its design was awarded 6 patents.

Fail Safe bullet features include a notched, hollow point cavity, combined with a rear lead core encased by specially designed, patented steel inserts. This innovative configuration delivers unique bullet expansion and controlled upset performance—with virtual 100% weight retention and deep penetration through the toughest skin and heavy bone.

Add corrosion resistant, nickel-plated cases for smooth feeding and positive chambering and Winchester's Lubalox® coating to increase accuracy through reduced barrel fouling—and you have the ultimate in big game performance.



FAILSAFE



- Maximum penetration
- Near 100% weight retention
- Hollow point design
- Patented steel inserts
- Lubalox coated

Cartridge	CXP#	Bullet Wt.
270 Winchester	2	140 gr.
270 WSM	3	140 gr.
280 Remington	2	140 gr.
7mm-08 Remington	2	140 gr.
7mm STW	3	160 gr.
7mm WSM	3	160 gr.
7mm Remington Magnum	2	140 gr.
7mm Remington Magnum	3	160 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	3	165 gr.
30-06 Springfield	3	180 gr.

Cartridge	CXP#	Bullet Wt.
300 WSM	3	180 gr.
300 Winchester Magnum	2	150 gr.
300 Winchester Magnum	3	165 gr.
300 Winchester Magnum	3	180 gr.
300 H&H Magnum	3	180 gr.
308 Winchester	2	150 gr.
338 Winchester Magnum	3	230 gr.
375 H&H Magnum	4	270 gr.
375 H&H Magnum	4	300 gr.





PARTITION GOLD (PG) & POWER-POINT PLUS (PPP)



When the situation demands maximum bullet performance regardless of range, hunters can turn to Supreme® Partition Gold® rifle ammunition—featuring a proven partition design with Winchester's Moly-coating and patented steel insert technology to deliver dramatic bullet expansion, deep penetration and massive energy deposit.



Power-Point Plus® high velocity rifle ammunition takes a great bullet design—and makes it better with the addition of Winchester's Moly-coating technology for superior ballistic performance and higher velocities. The unique, exposed soft lead-alloy nose with a strategically notched metal jacket mouth improves bullet upset and ensures uniform, rapid expansion for massive, on-target energy release.

PARTITION GOLD



- Deep penetrating partition design
- Patented steel inserts
- Soft point
- Moly coated

Cartridge	CXP#	Bullet Wt.
270 Winchester	2	150 gr.
7mm Remington Magnum	3	160 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	3	180 gr.
300 Winchester Magnum	3	180 gr.
308 Winchester	2	150 gr.
338 Winchester Magnum	3	250 gr.
45-70 Government*	3	300 gr.

* No Moly-coating

POWER-POINT PLUS



- High velocity
- Tremendous knock down power
- Notched jacket/Soft Point design
- Moly coated

Cartridge	CXP#	Bullet Wt.
223 Remington	2	64 gr.
243 Winchester	2	100 gr.
270 Winchester	2	150 gr.
270 Winchester	2	130 gr.
7mm-08 Remington	2	140 gr.
7mm Remington Magnum	2	150 gr.
30-30 Winchester	2	150 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	2	180 gr.
300 Winchester Magnum	3	180 gr.
308 Winchester	2	150 gr.



CENTERFIRE RIFLE

WINCHESTER



POWER-POINT (PP)

Power-Point® was introduced more than 40 years ago. In that time, more hunters have filled their tags with this unstoppable deer cartridge than with any other in Winchester's 137-year history. In fact, Power-Point is available in more calibers and offerings than any other Winchester® centerfire rifle cartridge. And thanks to the amazing simplicity of an exposed soft lead tip and specially notched jacket bullet design, Power-Point will be delivering game-stopping performance for generations to come.

This season, become part of Winchester history—load up with Power-Point.



- Massive initial shock & knock down power
- Traditional lead mushrooming
- Notched jacket/Soft point design

Cartridge	CXP#	Bullet Wt.
223 Remington	2	64 gr.
223 WSSM	2	64 gr.
6mm Remington	2	100 gr.
243 Winchester	2	100 gr.
243 WSSM	2	100 gr.
257 Roberts + P	2	117 gr.
264 Winchester Magnum	2	140 gr.
270 Winchester	2	130 gr.
270 Winchester	2	150 gr.
270 WSM	2	150 gr.
284 Winchester	3	150 gr.
7mm-08 Remington	2	140 gr.
7mm Mauser (7x57)	2	145 gr.
7mm STW	2	150 gr.
7mm WSM	2	150 gr.
7mm Remington Magnum	2	150 gr.
7mm Remington Magnum	3	175 gr.
30-30 Winchester	2	150 gr.

Cartridge	CXP#	Bullet Wt.
30-30 Winchester	2	170 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	2	180 gr.
30-40 Krag	2	180 gr.
300 WSM	3	180 gr.
300 Winchester Magnum	2	150 gr.
300 Winchester Magnum	3	180 gr.
300 Savage	2	150 gr.
303 British	3	180 gr.
307 Winchester	2	180 gr.
308 Winchester	2	150 gr.
308 Winchester	2	180 gr.
32 Winchester Special	2	170 gr.
8mm Mauser	2	170 gr.
338 Winchester Magnum	3	200 gr.
35 Remington	2	200 gr.
356 Winchester	2	200 gr.
375 Winchester	2	200 gr.



SILVERTIP (ST)



Specially alloyed aluminum nose cap protects the lead core and allows for deep penetration delivering controlled expansion.

Cartridge	CXP#	Bullet Wt.
250 Savage	2	100 gr.
270 Winchester	2	130 gr.
30-30 Winchester	2	150 gr.
30-30 Winchester	2	170 gr.
30-06 Springfield	2	150 gr.
30-06 Springfield	3	180 gr.
308 Winchester	3	180 gr.
348 Winchester	3	200 gr.
358 Winchester	3	200 gr.

POINTED SOFT POINT (PSP)



Pointed bullet design retains velocity over long ranges. Soft nose initiates rapid bullet expansion. Jacket and core toughness vary according to caliber and weight of bullet.

Cartridge	CXP#	Bullet Wt.
220 Swift	1	50 gr.
22-250 Remington	1	55 gr.
222 Remington	1	50 gr.
223 Remington	1	55 gr.
223 Remington	1	55 gr.
223 WSSM	1	55 gr.
225 Winchester	1	55 gr.
243 Winchester	1	80 gr.
30-06 Springfield	1	125 gr.
30-06 Springfield	2	165 gr.

SOFT POINT (SP)



Soft point bullets are designed for rapid, controlled expansion and maximum impact.

Cartridge	CXP#	Bullet Wt.
22 Hornet	1	45 gr.
25-20 Winchester	1	86 gr.
25-35 Winchester	2	117 gr.
6.5 x 55 Swedish	2	140 gr.
7.62 x 39mm	2	123 gr.
38-40 Winchester	2	180 gr.
38-55 Winchester	2	255 gr.
44-40 Winchester	2	200 gr.
458 Winchester Magnum	3	510 gr.

POSITIVE EXPANDING POINT (PEP)



Exclusive to the 25-06 and the NEW 25 WSSM loads, these bullets are specifically designed for extreme accuracy and maximum impact on varmints and medium-sized game.

Cartridge	CXP#	Bullet Wt.
25-06 Remington	1	90 gr.
25-06 Remington	2	120 gr.
NEW 25 WSSM	2	120 gr.

HOLLOW POINT (HP)



22 Hornet



Standard

Standard HP features a weight rearward design enhancing bullet accuracy.

The Supreme 22 Hornet features ultra-high velocity, pinpoint accuracy and explosive fragmentation.

Cartridge	CXP#	Bullet Wt.
22 Hornet	1	34 gr.
22 Hornet	1	46 gr.
218 Bee	1	46 gr.
22-250 Remington	1	45 gr.
223 Remington	1	45 gr.
223 Remington	1	45 gr.
223 Remington	1	53 gr.
30-30 Winchester	2	150 gr.
45-70 Government	2	300 gr.





SUPREME® CENTERFIRE RIFLE BALLISTICS

Cartridge	Bullet		Game Selector	CXP Barrel Guide Length (In.)	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft-lbs.)					Trajectory, Short Range Yards					Trajectory, Long Range Yards									
	Wt. Grs.	Bullet Type			Hollow Point	Muzzle					Muzzle					50					100								
						100	200	300	400	500	100	200	300	400	500	100	150	200	250	300	400	500							
22 Hornet	34	Jacketed Hollow Point	V	1	24	3050	2132	1415	1017	852	741	700	343	151	78	55	41	-0.1	0.19	-6.6	-15.5	-29.9	1.2	0	-4.1	-12.4	-26.2	-74.1	-155.6
220 Swift	40	Ballistic Silvertip®	V	1	24	4050	3518	3048	2624	2238	1885	1457	1099	825	611	445	316	-0.4	0.03	-1.3	-3.3	-6.4	0.7	0.7	0	-1.7	-4.4	-13.9	-30.4
22-250 Remington	40	Ballistic Silvertip	V	1	24	4150	3591	3099	2658	2257	1893	1530	1146	853	628	453	318	-0.5	0.02	-1.2	-3.1	-6.1	0.6	0.7	0	-1.6	-4.2	-13.4	-29.5
22-250 Remington	50	Ballistic Silvertip	V	1	24	3810	3341	2919	2536	2182	1859	1611	1239	946	714	529	384	-0.4	0.04	-1.6	-3.9	-7.3	0.8	0.9	0	-1.9	-4.9	-15.2	-32.9
22-250 Remington	55	Ballistic Silvertip	V	1	24	3680	3272	2900	2558	2240	1946	1654	1307	1027	799	613	462	-0.4	0.04	-1.8	-4.1	-7.7	0.9	0.9	0	-1.9	-5.0	-15.4	-32.8
222 Remington	40	Ballistic Silvertip	V	1	24	3370	2915	2503	2127	1786	1487	1099	755	556	402	283	196	-0.3	0.07	-2.6	-5.9	-10.8	1.3	1.2	0	-2.6	-6.9	-21.5	-47.2
223 Remington	40	Ballistic Silvertip	V	1	24	3700	3166	2693	2265	1879	1540	1216	891	644	456	314	211	-0.4	0.05	-2.0	-4.7	-8.8	1.0	1.0	0	-2.2	-5.8	-18.4	-40.9
223 Remington	50	Ballistic Silvertip	V	1	24	3410	2982	2593	2235	1907	1613	1291	987	746	555	404	289	-0.3	0.07	-2.4	-5.5	-10.0	1.2	1.2	0	-2.5	-6.4	-19.8	-42.8
223 Remington	55	Ballistic Silvertip	V	1	24	3240	2871	2531	2215	1923	1657	1282	1006	782	599	431	335	-0.3	0.08	-2.7	-6.1	-10.9	1.4	1.3	0	-2.6	-6.8	-20.8	-44.3
223 Remington	64	Power-Point Plus®	D	2	24	3090	2684	2312	1971	1664	1398	1357	1024	760	552	393	278	-0.2	0.10	-3.4	-7.4	-13.3	1.7	1.5	0	-3.2	-8.2	-25.4	-55.1
223 WSSM	55	Ballistic Silvertip	V	1	24	3850	3438	3064	2721	2402	2105	1810	1444	1147	904	704	541	-0.4	0.03	-1.5	-3.5	-6.6	0.7	0.8	0	-1.7	-4.4	-13.6	-28.8
243 Winchester	55	Ballistic Silvertip	V	1	24	3910	3493	3114	2766	2444	2144	1867	1489	1184	934	729	562	-0.4	0.03	-1.4	-3.3	-6.3	0.7	0.7	0	-1.6	-4.3	-13.1	-27.7
243 Winchester	95	Ballistic Silvertip	D, O/P	2	24	3100	2854	2626	2410	2203	2007	2021	1719	1455	1225	1024	850	-0.3	0.08	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.9	-38.4
243 Winchester	100	Power-Point Plus	D, O/P	2	24	3090	2818	2562	2321	2092	1877	2121	1764	1458	1196	972	782	-0.3	0.08	-2.9	-6.3	-11.1	1.4	1.3	0	-2.6	-6.7	-20	-41.1
243 WSSM	55	Ballistic Silvertip	V	1	24	4060	3628	3237	2880	2550	2243	2013	1607	1280	1013	794	614	-0.5	0.02	-1.2	-2.9	-5.6	0.6	0.7	0	-1.5	-3.9	-12	-25.5
243 WSSM	95	Ballistic Silvertip	D, O/P	2	24	3450	3000	2763	2538	2325	2121	2258	1898	1610	1359	1140	949	-0.3	0.07	-2.4	-5.2	-9.3	1.2	1.1	0	-2.3	-5.7	-16.9	-34.5
new 25 WSSM*	85	Ballistic Silvertip	V	1	24	3700	3156	2863	2589	2331	2088	2273	1880	1610	1359	1140	949	-0.4	0.05	-2.0	-4.5	-8.2	1.0	1.0	0	-2.0	-5.2	-15.7	-32.5
new 25 WSSM*	115	Ballistic Silvertip	D	2	24	3060	2844	2639	2442	2254	2074	2392	2066	1778	1523	1298	1099	-0.3	0.08	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.6	-37.7
25-06 Remington	85	Ballistic Silvertip	V	1	24	3470	3156	2863	2589	2331	2088	2273	1880	1610	1359	1140	949	-0.4	0.05	-2.0	-4.5	-8.2	1.0	1.0	0	-2.0	-5.2	-15.7	-32.5
25-06 Remington	115	Ballistic Silvertip	D	2	24	3060	2844	2639	2442	2254	2074	2392	2066	1778	1523	1298	1099	-0.3	0.08	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.6	-37.7
new 270 Winchester	140	Accubond® C To	D, O/P	2	24	2950	2751	2560	2378	2203	2035	2705	2352	2038	1757	1508	1287	-0.2	0.09	-3.1	-6.6	-11.5	1.6	1.4	0	-2.7	-6.9	-19.9	-40.1
270 Winchester	130	Power-Point Plus	D, O/P	2	24	3150	2881	2628	2388	2161	1946	2865	2396	1993	1646	1348	1094	-0.3	0.08	-2.7	-5.9	-10.4	1.3	1.2	0	-2.5	-6.4	-18.9	-38.8
270 Winchester	150	Partition Gold®	D, O/P	2	24	2930	2679	2468	2254	2051	1859	2860	2416	2030	1693	1402	1152	-0.2	0.10	-3.3	-7.7	-12.3	1.7	1.5	0	-2.9	-7.4	-21.6	-44.1
270 Winchester	150	Power-Point Plus	D, O/P	2	24	2950	2679	2425	2184	1957	1746	2900	2391	1959	1589	1276	1016	-0.2	0.10	-3.4	-7.2	-12.7	1.7	1.5	0	-3.0	-7.6	-22.6	-46.6
270 Winchester	130	Ballistic Silvertip	D	2	24	3050	2828	2618	2416	2224	2040	2685	2309	1978	1685	1428	1202	-0.2	0.08	-2.8	-6.1	-10.7	1.4	1.3	0	-2.6	-6.5	-18.9	-38.4
270 Winchester	140	Fail Safe®	D, O/P	2	24	2920	2671	2435	2211	1999	1799	2651	2218	1843	1519	1242	1007	-0.2	0.10	-3.4	-7.2	-12.6	1.7	1.5	0	-3.0	-7.6	-22.3	-45.7
new 270 WSM	140	Accubond CT	D, O/P, L	3	24	3200	2989	2789	2597	2413	2236	3184	2779	2418	2097	1810	1555	-0.3	0.07	-2.4	-5.2	-9.3	1.2	1.1	0	-2.2	-5.7	-16.5	-33.3
270 WSM	130	Ballistic Silvertip	D, O/P	2	24	3275	3041	2820	2609	2408	2215	3096	2669	2295	1964	1673	1416	-0.3	0.06	-2.3	-5.0	-8.9	1.1	1.1	0	-2.2	-5.5	-16.1	-32.8
270 WSM	140	Fail Safe	D, O/P, L	3	24	3125	2865	2619	2386	2165	1956	3035	2550	2132	1769	1457	1189	-0.3	0.08	-2.7	-6.0	-10.6	1.4	1.3	0	-2.5	-6.5	-19.0	-39.1
270 WSM	150	Ballistic Silvertip	D, O/P	2	24	3120	2923	2734	2554	2380	2213	3242	2845	2490	2172	1886	1631	-0.3	0.07	-2.6	-5.6	-9.8	1.3	1.2	0	-2.3	-5.9	-17.2	-34.7
280 Remington	140	Ballistic Silvertip	D	2	24	3040	2842	2653	2471	2297	2130	2872	2511	2187	1898	1640	1410	-0.2	0.08	-2.8	-6.0	-10.5	1.4	1.3	0	-2.5	-6.3	-18.4	-37.0
280 Remington	140	Fail Safe	D, O/P	2	24	3050	2756	2480	2221	1977	1751	2893	2362	1913	1533	1216	953	-0.2	0.09	-3.1	-6.7	-11.8	1.5	1.4	0	-2.8	-7.2	-21.5	-50.6
7mm-08 Remington	140	Fail Safe	D, O/P	2	24	2760	2506	2271	2048	1839	1645	2360	1953	1603	1304	1051	841	-0.1	0.13	-4.0	-8.5	-14.9	2.0	1.8	0	-3.5	-8.8	-25.9	-53.2
7mm-08 Remington	140	Ballistic Silvertip	D, O/P	2	24	2770	2572	2382	2200	2026	1860	2386	2056	1764	1504	1276	1076	-0.1	0.12	-3.8	-7.9	-13.7	1.9	1.6	0	-3.2	-8.0	-23.2	-46.9
7mm-08 Remington	140	Power-Point Plus	D, O/P	2	24	2875	2597	2336	2090	1859	1647	2370	2097	1697	1358	1075	843	-0.2	0.11	-3.7	-7.8	-13.7	1.8	1.6	0	-3.2	-8.2	-24.4	-50.6
7mm STW	140	Ballistic Silvertip	D, O/P	2	24	3300	3106	2920	2742	2570	2405	3385	2998	2650	2336	2053	1798	-0.3	0.06	-2.1	-4.6	-8.3	1.0	1.0	0	-2.0	-5.1	-14.9	-29.8
7mm STW	160	Fail Safe	D, O/P, L	3	24	3050	2767	2500	2249	2013	1792	3304	2719	2221	1797	1439	1141	-0.2	0.09	-3.0	-6.6	-11.7	1.5	1.4	0	-2.8	-7.1	-21.1	-43.6
new 7mm WSM	160	Accubond CT	D, O/P, L	3	24	3050	2862	2682	2509	2342	2182	3306	2911	2556	2237	1950	1692	-0.3	0.08	-2.7	-5.9	-10.3	1.4	1.3	0	-2.5	-6.2	-17.9	-36.0
7mm WSM	140	Ballistic Silvertip	D, O/P	2	24	3225	3008	2801	2603	2414	2233	3233	2812	2438	2106	1812	1550	-0.3	0.07	-2.5	-5.1	-9.1	1.2	1.1	0	-2.2	-5.6	-16.4	-33.1
7mm WSM	160	Fail Safe	D, O/P, L	3	24	2990	2744	2512	2291	2081	1883	3176	2675	2241	1864	1538	1259	-0.2	0.09	-3.1	-6.7	-11.8	1.6	1.4	0	-2.8	-7.1	-20.8	-42.6
new 7mm Rem Mag.	160	Accubond CT	D, O/P, L	3	24	2950	2766	2590	2420	2257	2099	3091	2718	2382	2080	1809	1566	-0.2	0.09	-3.0	-6.5	-11.3	1.5	1.4	0	-2.7	-6.7	-19.6	-38.9
7mm Rem Mag.	150	Power-Point Plus	D, O																										

Rem. Mag.	Ballistic Silvertip	D, O/P	2	24	3100 2889	1687	2494	2310	2133	2988	2595	2245	1934	1659	1414	-0.3	0	-0.8	-2.7	-5.8	-10.2	1.3	1.2	0	-2.4	-6.2	-17.9	-38.1	
7mm Rem. Mag.	Fail Safe	D, O/P, L	3	24	2920 2678	2449	2331	2025	1830	3030	2549	2131	1769	1457	1190	-0.2	0	-1.0	-3.4	-7.1	-12.5	1.7	1.5	0	-2.9	-7.5	-22.0	-44.9	
30-30 Winchester	Power-Point Plus	D	2	24	2480 2095	1747	1446	1209	1053	2049	1462	1017	697	487	369	0.1	0	-2.1	-6.5	-13.8	-24.5	3.3	2.8	0	-5.7	-14.7	-45.7	-98.4	
new 30-06 Springfield	Accubond CT	D, O/P, L	3	24	2750 2573	2403	2239	2082	1931	3022	2646	2308	2004	1732	1491	-0.1	0	-1.2	-3.8	-7.8	-13.5	1.9	1.6	0	-3.1	-7.9	-22.8	-45.6	
30-06 Springfield	Power-Point Plus	D, O/P	2	24	3050 2685	2352	2043	1760	1508	3089	2402	1843	1391	1032	757	-0.2	0	-1.0	-3.3	-7.3	-13.0	1.7	1.5	0	-3.1	-8.0	-24.3	-51.9	
30-06 Springfield	Partition Gold	D, O/P	2	24	2960 2705	2464	2235	2019	1815	2919	2437	2022	1664	1358	1098	-0.2	0	-1.0	-3.3	-7.0	-12.3	1.6	1.5	0	-2.9	-7.4	-21.7	-44.6	
30-06 Springfield	Ballistic Silvertip	D, O/P	2	24	2900 2667	2483	2289	2103	1926	2801	2404	2054	1745	1473	1236	-0.2	0	-1.0	-3.3	-7.0	-12.3	1.7	1.5	0	-2.9	-7.3	-21.2	-43.0	
30-06 Springfield	Ballistic Silvertip	D, O/P	2	24	2790 2599	2416	2220	2072	1911	2903	2520	2177	1872	1601	1362	-0.2	0	-1.1	-3.6	-7.6	-13.2	1.8	1.6	0	-3.1	-7.8	-22.5	-45.2	
30-06 Springfield	Fail Safe	D, O/P	2	24	2920 2625	2349	2089	1848	1625	2841	2296	1838	1455	1137	880	-0.2	0	-1.1	-3.6	-7.5	-13.4	1.8	1.6	0	-3.2	-8.1	-24.3	-50.5	
30-06 Springfield	Fail Safe	D, O/P, L	3	24	2800 2540	2295	2063	1846	1645	2873	2365	1930	1560	1249	992	-0.1	0	-1.2	-3.9	-8.2	-14.4	2.0	1.7	0	-3.4	-8.6	-25.3	-52.3	
30-06 Springfield	Ballistic Silvertip	D, O/P	2	24	2750 2572	2402	2237	2080	1928	3022	2644	2305	2001	1728	1486	-0.1	0	-1.2	-3.8	-7.8	-13.6	1.9	1.6	0	-3.2	-7.9	-22.8	-45.7	
30-06 Springfield	Power-Point Plus	D, O/P	2	24	2770 2563	2366	2177	1997	1826	3068	2627	2237	1894	1594	1333	-0.1	0	-1.2	-3.8	-8.0	-13.8	1.9	1.7	0	-3.2	-8.1	-23.6	-47.8	
30-06 Springfield	Partition Gold	D, O/P, L	3	24	2750 2550	2359	2176	2001	1835	3022	2599	2223	1891	1599	1345	-0.1	0	-1.2	-3.8	-8.0	-13.9	1.9	1.7	0	-3.2	-8.2	-23.7	-47.9	
30-06 Springfield	Fail Safe	D, O/P, L	3	24	2700 2486	2283	2089	1904	1731	3014	2472	2083	1744	1450	1198	-0.1	0	-1.3	-4.1	-8.6	-14.9	2.1	1.8	0	-3.5	-8.7	-25.5	-51.8	
new 300 WSM	Accubond CT	D, O/P, L	3	24	3010 2822	2643	2470	2304	2144	3622	3185	2792	2439	2121	1837	-0.2	0	-0.9	-2.9	-6.1	-10.7	1.4	1.3	0	-2.5	-6.4	-18.5	-37.2	
300 WSM	Ballistic Silvertip	D, O/P	2	24	3300 3061	2834	2619	2414	2218	3628	3121	2676	2285	1941	1638	-0.3	0	-0.6	-2.2	-4.9	-8.8	1.1	1.1	0	-2.1	-5.4	-15.9	-32.4	
300 WSM	Ballistic Silvertip	D, O/P, L	3	24	3010 2822	2641	2468	2301	2141	3621	3182	2788	2434	2116	1832	-0.2	0	-0.9	-2.9	-6.1	-10.7	1.4	1.3	0	-2.5	-6.4	-18.6	-37.3	
300 WSM	Fail Safe	D, O/P, L	3	24	2970 2741	2524	2317	2120	1932	3526	3005	2547	2147	1797	1493	-0.2	0	-0.9	-3.1	-6.7	-11.7	1.6	1.4	0	-2.8	-7.0	-20.5	-41.8	
new 300 Winchester Mag.	Accubond CT	D, O/P, L	3	24	2950 2765	2588	2417	2253	2095	3478	3055	2676	2334	2028	1754	-0.2	0	-0.9	-3.0	-6.5	-11.3	1.5	1.4	0	-2.7	-6.7	-19.4	-39.0	
300 Winchester Mag.	Power-Point Plus	D, O/P, L	3	24	3070 2846	2633	2430	2236	2051	3768	3239	2772	2361	1999	1681	-0.3	0	-0.8	-2.8	-6.0	-10.6	1.4	1.3	0	-2.5	-6.4	-18.7	-38.0	
300 Winchester Mag.	Ballistic Silvertip	D, O/P, L	3	24	2950 2764	2586	2415	2250	2092	3478	3054	2673	2331	2023	1749	-0.2	0	-0.9	-3.0	-6.5	-11.3	1.5	1.4	0	-2.7	-6.7	-19.4	-38.9	
300 Winchester Mag.	Fail Safe	D, O/P, L	3	24	3120 2807	2515	2242	1985	1748	3567	2888	2319	1842	1445	1120	-0.3	0	-0.8	-2.9	-6.4	-11.4	1.5	1.3	0	-2.7	-7.0	-20.9	-43.6	
300 Winchester Mag.	Fail Safe	D, O/P	2	24	3260 2943	2647	2370	2110	1867	3539	2884	2334	1871	1483	1161	-0.3	0	-0.7	-2.5	-5.6	-10.0	1.3	1.2	0	-2.4	-6.2	-18.7	-38.9	
300 Winchester Mag.	Fail Safe	L	3	24	2960 2732	2514	2307	2110	1923	3503	2983	2528	2129	1780	1478	-0.2	0	-1.0	-3.2	-6.8	-11.8	1.6	1.4	0	-2.8	-7.1	-20.7	-42.1	
300 Winchester Mag.	Partition Gold	O/P, L	3	24	3070 2859	2657	2464	2280	2103	3768	3267	2823	2428	2078	1768	-0.3	0	-0.8	-2.8	-5.9	-10.4	1.4	1.3	0	-2.5	-6.3	-18.3	-37.1	
300 H&H Magnum	Fail Safe	L	3	24	2880 2628	2390	2165	1952	1752	3316	2762	2284	1873	1523	1227	-0.2	0	-1.1	-3.5	-7.5	-13.2	1.8	1.6	0	-3.1	-7.9	-23.2	-47.6	
308 Winchester	Power-Point Plus	D, O/P	2	24	2900 2558	2241	1946	1678	1441	2802	2180	1672	1262	938	692	-0.2	0	-1.2	-3.8	-8.2	-14.6	1.9	1.7	0	-3.4	-8.9	-27.0	-57.4	
308 Winchester	Partition Gold	D, O/P	2	24	2900 2645	2405	2177	1962	1760	2802	2332	1927	1579	1282	1032	-0.2	0	-1.1	-3.5	-7.4	-13.0	1.7	1.6	0	-3.1	-7.8	-22.9	-47.0	
308 Winchester	Ballistic Silvertip	D, O/P	2	24	2810 2601	2401	2211	2028	1856	2629	2253	1920	1627	1370	1147	-0.2	0	-1.1	-3.6	-7.6	-13.3	1.8	1.6	0	-3.1	-7.8	-22.8	-46.2	
308 Winchester	Ballistic Silvertip	D, O/P	2	24	2670 2484	2306	2134	1971	1815	2659	2301	1983	1699	1449	1229	-0.1	0	-1.3	-4.1	-8.6	-14.8	2.1	1.8	0	-3.4	-8.6	-24.8	-50.0	
308 Winchester March S308J	Hollow Point Boat Tail Match	-	-	24	2680 2485	2297	2118	1948	1786	2680	2303	1970	1674	1415	1190	-0.1	0	-1.3	-4.1	-8.6	-14.9	2.1	1.8	0	-3.4	-8.7	-25.1	-50.7	
308 Winchester	Fail Safe	D, O/P	2	24	2820 2533	2263	2010	1775	1561	2649	2137	1706	1346	1049	812	-0.1	0	-1.2	-3.9	-8.4	-14.7	2.0	1.7	0	-3.4	-8.8	-26.2	-54.6	
new 338 Winchester Mag.	Accubond CT	L, XL	3	24	2800 2634	2474	2319	2170	2026	3918	3467	3058	2688	2353	2052	-0.2	0	-1.1	-3.5	-7.4	-12.7	1.8	1.5	0	-3.0	-7.4	-21.3	-42.6	
338 Winchester Mag.	Ballistic Silvertip	D, O/P, L	3	24	2950 2724	2509	2303	2108	1922	3864	3294	2794	2355	1972	1640	-0.2	0	-1.0	-3.2	-6.8	-11.9	1.6	1.4	0	-2.8	-7.1	-20.8	-42.3	
338 Winchester Mag.	Fail Safe	L, XL	3	24	2780 2573	2375	2186	2005	1834	3948	3382	2881	2441	2054	1719	-0.1	0	-1.2	-3.8	-7.9	-13.7	1.9	1.7	0	-3.2	-8.1	-23.4	-47.4	
338 Winchester Mag.	Partition Gold	L, XL	3	24	2650 2467	2291	2122	1960	1807	3899	3378	2914	2520	2134	1812	-0.1	0	-1.3	-4.2	-8.8	-15.1	2.1	1.8	0	-3.5	-8.7	-25.2	-50.7	
357 Magnum #	Partition Gold	D	2	20	1550 1160	965	854	770	698	960	538	372	292	237	195	0	0	-4.0	-14.5	-33.0	-60.7	-99.1	0	-8.5	-24.9	-50.7	-87.1	-196.8	-365.5
375 H&H Magnum	Fail Safe	L, XL	4	24	2670 2447	2234	2033	1842	1664	4275	3590	2994	2478	2035	1662	-0.1	0	-1.4	-4.3	-9.0	-15.6	2.2	1.9	0	-3.6	-9.1	-28.7	-54.5	
375 H&H Magnum	Fail Safe	L, XL	4	24	2530 2336	2151	1974	1806	1649	4265	3636	3082	2596	2173	1811	0	0	-1.6	-4.8	-10.1	-17.2	2.4	2.1	0	-4.0	-10.0	-26.9	-58.4	
41 Rem. Mag. #	Platinum Tip™	D	2	20	1830 1488	1220	1048	945	870	1784	1180	792	585	476	404	0	0	-2.3	-8.5	-19.6	-36.5	-60.3	0	-5.1	-15.0	-30.8	-53.4	-123.4	-232.3
44 Rem. Mag. #	Platinum Tip	D	2	20	1830 1475	1201	1032	931	857	1859	1208	801	591	481	408	0	0	-2.3	-8.7	-19.9	-37.2	-61.7	0	-5.2	-15.3	-31.4	-54.7	-126.6	-238.7
44 Rem. Mag. #	Partition Gold	D	2	20	1810 1455	1188	1025	926	853	1818	1175	783	583	476	404	0	0	-2.1	-8.4	-19.7	-37.2	-61.9	0	-5.2	-15.4	-31.9			

SUPER-X® CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt. Grs.	Bullet Type	Game Selector Guide	CXP Barrel Guide Number (In.)	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft-lbs.)					Trajectory, Short Range Yards					Trajectory, Long Range Yards											
						Muzzle	100	200	300	400	500	Muzzle	100	200	300	400	500	50	100	150	200	250	300	400	500							
218 Bee	X218B	46	Hollow Point	V	1	24	2760	2102	1550	1155	961	850	778	451	245	136	94	74	0.3	0	-2.3	-7.2	-15.8	-29.4	1.5	0	-4.2	-12.0	-24.8	-71.4	-155.6	
22 Hornet	X22H1	45	Soft Point	V	1	24	2690	2042	1502	1128	948	840	723	417	225	127	90	70	0.3	0	-2.4	-7.7	-16.9	-31.3	1.6	0	-4.5	-12.8	-26.4	-75.6	-163.4	
22 Hornet	X22H2	46	Hollow Point	V	1	24	2690	2042	1502	1128	948	841	739	426	230	130	92	72	0.3	0	-2.4	-7.7	-16.9	-31.3	1.6	0	-4.5	-12.8	-26.4	-75.5	-163.3	
220 Swift	X220S	50	Pointed Soft Point	V	1	24	3870	3310	2816	2373	1732	1616	1663	1226	681	325	162	110	0.4	0	-0.4	-1.7	-4.1	-7.8	0.8	0.9	0	-2.0	-5.2	-16.7	-37.1	
22-250 Remington	X222501	55	Pointed Soft Point	V	1	24	3680	3137	2656	2222	1832	1493	1654	1201	661	303	140	110	0.2	0.5	0	-1.6	-4.4	-8.7	2.3	2.6	1.9	0	-3.4	-15.9	-38.9	
222 Remington	X222R	50	Pointed Soft Point	V	1	24	3140	2602	2123	1700	1331	1107	1094	752	500	321	202	136	0.5	0.9	0	-2.5	-6.9	-13.7	2.2	1.9	0	-3.8	-10.0	-32.3	-73.8	
223 Remington	X223RH	53	Hollow Point	V	1	24	3330	2882	2477	2106	1770	1475	1305	978	722	522	369	256	0.3	0.7	0	-1.9	-5.3	-10.3	1.7	1.4	0	-2.9	-7.4	-22.7	-49.1	
223 Remington	X223R	55	Pointed Soft Point	V	1	24	3240	2747	2340	1905	1554	1270	1282	921	648	443	295	197	0.4	0.8	0	-2.2	-6.0	-11.8	1.9	1.6	0	-3.3	-8.5	-26.7	-59.6	
223 Remington	X223R2**	64	Power-Point*	D	2	24	3020	2656	2320	2009	1724	1473	1296	1003	765	579	423	308	0.1	0.7	0	-2.1	-5.8	-11.4	1.7	1.6	0	-3.2	-8.2	-25.1	-53.8	
223 WSSM	X223WSS	55	Pointed Soft Point	V	1	24	3850	3367	2934	2541	2181	1851	1810	1384	1051	789	581	418	0.4	0.4	0	-0.4	-1.6	-3.8	-7.2	0.8	0.8	0	-1.8	-4.9	-15.1	-32.6
223 WSSM	X223WSS1	64	Power-Point	D	2	24	3600	3144	2732	2356	2011	1698	1841	1404	1061	789	574	410	0.4	0.4	0	-0.5	-2.0	-4.7	-8.8	1.0	1.0	0	-2.2	-5.7	-17.7	-38.5
5.56 mm	SC556NT	55	Tin SP	Training			3090	2457	1912	1455	1133	966	1161	737	446	259	157	114	0.2	0	-1.3	-4.4	-9.9	-18.5	2.2	2.0	0	-4.4	-7.0	-40.7	-96.4	
225 Winchester	X2251	55	Pointed Soft Point	V	1	24	3570	3066	2616	2208	1838	1514	1556	1148	836	595	412	280	0.2	0.6	0	-1.7	-4.6	-9.0	2.4	2.8	2.0	0	-3.5	-16.3	-39.5	
243 Winchester	X2431	80	Pointed Soft Point	V	1	24	3350	2955	2593	2259	1951	1670	1993	1551	1194	906	676	495	0.3	0.7	0	-1.8	-4.9	-9.4	2.6	2.9	2.1	0	-3.6	-16.2	-37.9	
243 Winchester	X2432	100	Power-Point	D, O/P	2	24	2960	2697	2449	2215	1993	1786	1945	1615	1332	1089	882	708	0.5	0.9	0	-2.2	-5.8	-11.0	1.9	1.6	0	-3.1	-7.8	-22.6	-46.3	
243 WSSM	X243WSS	100	Power-Point	D, O/P	2	24	3110	2838	2583	2341	2112	1897	2147	1789	1481	1217	991	799	0.3	0.8	0	-2.8	-6.1	-10.9	1.4	1.3	0	-2.6	-6.6	-19.7	-40.5	
6mm Remington	X6MMR2	100	Power-Point	D, O/P	2	24	3100	2829	2573	2332	2104	1889	2133	1777	1470	1207	983	792	0.4	0.8	0	-1.9	-5.2	-9.9	1.7	1.5	0	-2.8	-7.0	-20.4	-41.7	
new 25 WSSM*	X25WSS	120	Positive Exp. Pt.	D	2	24	2990	2717	2459	2216	1987	1773	2383	1967	1612	1309	1053	838	0.1	0.6	0	-1.9	-5.3	-10.3	1.6	1.5	0	-2.9	-7.4	-21.8	-45.1	
25-06 Remington	X25061	90	Positive Exp. Pt.	V	1	24	3440	3043	2688	2344	2034	1749	2364	1850	1435	1098	827	611	0.3	0.6	0	-1.7	-4.5	-8.8	2.4	2.7	2.0	0	-3.4	-15.0	-35.2	
25-06 Remington	X25062	120	Positive Exp. Pt.	D, O/P	2	24	2990	2717	2459	2216	1987	1773	2382	1967	1612	1309	1053	838	0.1	0.6	0	-1.9	-5.3	-10.3	1.6	1.5	0	-2.9	-7.4	-21.8	-45.1	
25-20 Winchester	X25202	86	Soft Point	V	1	24	1460	1194	1030	931	858	798	407	272	203	165	141	122	0	0	-4.1	-14.4	-31.8	-57.3	-92.0	0	-8.2	-23.5	-47.0	-79.6	-175.9	
25-35 Winchester	X2535	117	Soft Point	D	2	24	2230	1866	1545	1282	1097	984	1292	904	620	427	313	252	0.6	0	-3.1	-9.2	-19.0	-33.1	2.1	0	-5.1	-13.8	-27.0	-70.1	-142.0	
250 Savage	X2503	100	Silvertip*	D, O/P	2	24	2820	2467	2140	1839	1569	1339	1765	1351	1017	751	547	398	0.2	0	-1.6	-4.9	-10.0	-17.4	2.4	2.0	0	-3.9	-10.1	-30.5	-65.2	
257 Roberts + P	X257P3	117	Power-Point	D, O/P	2	24	2780	2411	2071	1761	1488	1263	2009	1511	1115	806	576	415	0.8	1.1	0	-2.9	-7.8	-15.1	2.6	2.2	0	-4.2	-10.8	-33.0	-70.0	
264 Winchester Mag.	X2642	140	Power-Point	D, O/P	2	24	3030	2782	2548	2326	2114	1914	2854	2406	2018	1682	1389	1139	0.5	0.8	0	-2.0	-5.4	-10.2	1.8	1.5	0	-2.9	-7.2	-20.8	-42.0	
6.5 x .55 Swedish	X6555	140	Soft Point	D, O/P	2	24	2550	2359	2176	2002	1836	1680	2022	1731	1473	1242	1048	878	0	0	-1.5	-4.8	-9.8	-16.9	2.4	2.0	0	-3.9	-9.7	-28.1	-56.8	
270 Winchester	X2705	130	Power-Point	D, O/P	2	24	3060	2802	2559	2329	2110	1904	2702	2267	1890	1565	1285	1046	0.4	0.8	0	-2.0	-5.3	-10.1	1.8	1.5	0	-2.8	-7.1	-20.6	-42.0	
270 Winchester	X2703	130	Silvertip	D, O/P	2	24	3060	2776	2510	2259	2022	1801	2702	2225	1818	1472	1180	936	0.5	0.8	0	-2.0	-5.5	-10.4	1.8	1.5	0	-2.9	-7.4	-21.6	-44.3	
270 Winchester	X2704	150	Power-Point	D, O/P	2	24	2850	2585	2336	2100	1879	1673	2705	2226	1817	1468	1175	932	0.6	1.0	0	-2.4	-6.4	-12.2	2.2	1.8	0	-3.4	-8.6	-25.0	-51.4	
270 WSM	X270WSM	150	Power-Point	D, O/P	2	24	3150	2867	2601	2350	2113	1890	3304	2737	2252	1839	1487	1190	0.3	0.8	0	-2.7	-6.0	-10.6	1.4	1.3	0	-2.6	-6.5	-19.4	-40.1	
284 Winchester	X2842	150	Power-Point	D, O/P	3	24	2860	2609	2371	2145	1933	1734	2724	2266	1872	1533	1244	1001	0.2	0.7	0	-2.1	-5.8	-11.2	1.8	1.6	0	-3.2	-8.0	-23.6	-48.6	
7mm-08 Remington	X708	140	Power-Point	D, O/P	2	24	2800	2549	2312	2087	1876	1679	2437	2020	1661	1354	1094	876	0.1	0	-1.2	-3.9	-8.2	-14.3	1.9	1.7	0	-3.3	-8.5	-24.9	-51.3	
7mm Mauser (7x57)	X7MM1	145	Power-Point	D	2	24	2660	2413	2180	1960	1754	1565	2278	1875	1530	1236	990	788	0.1	0	-1.4	-4.5	-9.4	-16.3	0.9	0	-2.6	-7.0	-13.5	-33.5	-64.8	
7mm STW	X7MMWSM	150	Power-Point	D, O/P	2	24	3200	2915	2648	2396	2157	1933	3410	2830	2355	1911	1550	1245	0.3	0.7	0	-2.6	-5.7	-10.2	1.3	1.2	0	-2.5	-6.3	-18.6	-38.5	
7mm Remington Mag.	X7MMR1	150	Power-Point	D, O/P	2	24	3280	3018	2770	2537	2314	2103	3583	3032	2556	2142	1783	1473	0.3	0.7	0	-2.6	-5.7	-10.2	1.2	1.1	0	-2.2	-5.7	-16.8	-34.4	
7mm Remington Mag.	X7MMR2	150	Power-Point	D, O/P	2	24	3090	2831	2587	2356	2136	1929	3180	2670	2229	1848	1520	1239	0.3	0.7	0	-2.8	-6.2	-10.9	1.4	1.3	0	-2.6	-6.6	-19.5	-40.1	
7.62 x 39mm	X76239	175	Soft Point	D, O/P	3	24	2860	2644	2439	2243	2055	1878	3178	2717	2311	1954	1641	1370	0.2	0.7	0	-2.1	-5.6	-10.7	1.7	1.5	0	-3.0	-7.6	-22.1	-44.9	
30 Carbine	X30M1	110	Hollow Soft Point	D, V	2	20	2365	2033	1731	1465	1248	1093	1527	1129	818	586	425	327	0.5	0	-2.6	-7.6	-15.4	-26.7	3.8	3.1	0	-6.0	-15.4	-46.3	-98.4	
30-30 Winchester	X30301	150	Hollow Point	V	1	20	1990	1567	1236	1035	923	842	967	600	373	262	208	173	0.9	0	-4.5	-13.5	-28.3	-49.9	0	-4.5	-13.5	-28.3	-49.9	-118.6	-228.2	
30-30 Winchester	X30306	150	Power-Point	D	2	24	2390	2018	1684	1398	1177	1036	1902	1356	944	651	461	357	0.5	0	-2.6	-7.7	-16.0	-27.9	1.7	0	-4.3	-11.6	-22.7	-59.1	-120.5	
30-30 Winchester	X30302	150	Silvertip	D	2	24	2390	2018	1684	1398	1177	1036	1902	1356	944	651	461	357	0.5	0	-2.6	-7.7	-16.0	-27.9	1.7	0	-4.3	-11.6	-22.7	-59.1	-120.5	
30-30 Winchester	X30303	170	Power-Point	D	2	24	2200	1879	1591	1346	1157	1034	1827	1332	955	683	506	403	0.3	0	-2.8	-8.4	-17.6	-30.8	1.8	0	-4.8	-13.0	-25.2	-65.0	-130.7	
30-30 Winchester	X30304	170	Silvertip	D	2	24	2200	1920	1665	1439	1251	1110	1527	1129	818	586	425	327	0.5	0	-2.6	-7.6	-15.4	-26.7	3.8	3.1	0	-6.0	-15.4	-46.3	-98.4	
30-06 Springfield	X30062	125	Pointed Soft Point	V	1	24	3140	2780	2447	2138	1853	1595	2736	2145	1662	1269	953	706	0.4	0.8	0	-2.1	-5.6	-10.7	1.8	1.5	0	-3.0	-7.7	-23.0	-48.5	
30-06 Springfield	X30061	150	Power-Point	D, O/P	2	24	2920	2580	2265</																							

USA BRAND CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt. Grs.	Bullet Type	Rounds Per Box	Barrel Length (In.)	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft.-lbs.)					Trajectory, Short Range Yards					Trajectory, Long Range Yards														
						Muzzle					100					200					300					400					500				
						100	200	300	400	500	100	200	300	400	500	100	200	300	400	500	100	150	200	250	300	400	500								
307 Winchester	X3076	180	Power-Point	D	24	2510	2179	1874	1599	1362	1177	2519	1898	1404	1022	742	554	0.3	0	-2.2	-6.5	-13.3	-22.9	1.5	0	-3.6	-9.6	-18.6	-47.1	-93.7					
308 Winchester	X3085	150	Power-Point	D, O/P	24	2820	2488	2179	1893	1633	1405	2648	2061	1581	1193	888	657	0.2	0	-1.6	-4.8	-9.8	-16.9	2.4	2.0	0	-3.8	-9.8	-29.3	-62.0					
308 Winchester	X3086	180	Power-Point	D, O/P	24	2620	2392	2176	1971	1779	1600	2743	2287	1892	1553	1264	1023	0.1	0	-1.5	-4.6	-9.6	-16.6	2.3	2.0	0	-3.8	-9.7	-28.3	-58.0					
308 Winchester	X3083	180	Silvertip	L	3	2620	2393	2178	1974	1782	1604	2743	2288	1896	1557	1269	1028	0.2	0	-1.8	-5.2	-10.4	-17.7	2.6	2.1	0	-4.0	-9.9	-28.9	-58.8					
32 Win Special	X32WS2	170	Power-Point	D	24	2250	1870	1578	1267	1082	971	1911	1320	892	606	442	356	0.6	0	-3.1	-9.2	-19.0	-33.2	2.0	0	-5.1	-13.8	-27.1	-70.9	-144.3					
32-20 Winchester	X32201	100	Lead	V	1	1210	1021	913	834	769	711	325	231	185	154	131	113	0	-6.3	-20.9	-44.9	-79.3	-125.1	0	-11.5	-32.3	-63.6	-106.3	-230.3						
8mm Mauser (8 x 57)	X8MM	170	Power-Point	D	24	2360	1969	1622	1333	1123	997	2102	1463	993	671	476	375	0.5	0	-2.7	-8.2	-17.0	-29.8	1.8	0	-4.5	-12.4	-24.3	-63.8	-130.7					
338 Winchester Mag.	X3381	200	Power-Point	D, O/P, L	3	2960	2658	2375	2110	1862	1635	3890	3137	2505	1977	1539	1187	0.5	0.9	0	-2.3	-6.1	-11.6	2.0	1.7	0	-3.2	-8.2	-24.3	-50.4					
348 Winchester	X3483	200	Silvertip	D	3	2520	2215	1931	1672	1443	1293	2820	2178	1656	1241	925	697	0.3	0	-2.1	-6.2	-12.7	-21.9	1.4	0	-3.4	-9.2	-17.7	-44.4	-87.9					
35 Remington	X35R1	200	Power-Point	D	24	2020	1646	1335	1114	985	901	1812	1203	791	551	431	360	0.9	0	-4.1	-12.1	-25.1	-43.9	2.7	0	-6.7	-18.3	-35.8	-92.8	-185.5					
356 Winchester	X3561	200	Power-Point	D	24	2460	2114	1797	1517	1284	1113	2688	1985	1434	1022	732	550	0.4	0	-2.3	-7.0	-14.3	-24.7	1.6	0	-3.8	-10.4	-20.1	-51.2	-102.3					
357 Magnum #	X3574P	158	Jacketed Hollow Point	V, D	2	1830	1427	1138	980	883	809	1175	715	454	337	274	229	0	-2.4	-9.1	-21.0	-39.2	-64.3	0	-5.5	-16.2	-33.1	-57.0	-128.3	-235.8					
357 Magnum #	X3575P	158	Jacketed Soft Point	V, D	2	1830	1427	1138	980	883	809	1175	715	454	337	274	229	0	-2.4	-9.1	-21.0	-39.2	-64.3	0	-5.5	-16.2	-33.1	-57.0	-128.3	-235.8					
358 Winchester	X3581	200	Silvertip	D	3	2490	2171	1876	1610	1379	1194	2753	2093	1563	1151	844	633	0.4	0	-2.2	-6.5	-13.3	-23.0	1.5	0	-3.6	-9.7	-18.6	-47.2	-94.1					
375 Winchester	X375W	200	Power-Point	D	24	2200	1841	1526	1268	1089	980	2150	1506	1034	714	527	427	0.6	0	-3.2	-9.5	-19.5	-33.8	2.1	0	-5.2	-14.1	-27.4	-70.1	-138.1					
38-40 Winchester	X3840	180	Soft Point	D	24	1160	999	901	827	764	710	538	399	324	273	233	201	0	-6.7	-22.2	-47.3	-83.2	-130.8	0	-12.1	-33.9	-66.4	-110.6	-238.3						
38-55 Winchester	X3855	255	Soft Point	D	24	1320	1190	1091	1018	963	917	987	802	674	587	525	476	0	-4.7	-15.4	-32.7	-57.2	-89.3	0	-8.4	-23.4	-45.6	-75.2	-158.8	-277.4					
44 Remington Mag. #	X44MHSF2	240	Hollow Soft Point	D	2	1760	1362	1094	953	861	789	1650	988	638	484	395	332	0	-2.7	-10.2	-23.6	-44.2	-73.3	0	-6.1	-18.1	-37.4	-65.1	-151.8	-282.5					
44-40 Winchester	X4440	200	Soft Point	D	24	1190	1006	900	822	756	699	629	449	360	300	254	217	0	-6.5	-21.6	-46.3	-81.8	-129.1	0	-11.8	-33.3	-65.5	-109.5	-237.4						
45-70 Government	X4570H	300	Jacketed Hollow Point	D	24	1880	1650	1425	1235	1105	1010	2355	1815	1355	1015	810	680	0	-2.4	-8.2	-17.6	-31.4	-51.5	0	-4.6	-12.8	-25.4	-44.3	-95.5						
458 Winchester Mag.	X4581	510	Soft Point	L, XL	3	2040	1770	1527	1319	1157	1046	4712	3547	2640	1970	1516	1239	0.8	0	-3.5	-10.3	-20.8	-35.6	2.4	0	-5.6	-14.9	-28.5	-71.5	-140.4					

VARMINTS
RAPID EXPANSION OR FRAGMENTATION ON IMPACT.

LIGHT, THIN-SKINNED GAME
EXPANSION, PENETRATES THIN SKIN, LIGHT MISSILE ISSUES & BONE.

LARGE, HEAVY GAME
DETAILED, CONTROLLED EXPANSION. DEEP PENETRATION THROUGH THICK, TOUGH SKIN, HEAVY MUSCLE ISSUES & BONE.

EXTRA LARGE DANGEROUS AFRICAN GAME
BUILT TO PENETRATE THICK EXTRA TOUGH HIDE, HEAVY BONE AND POWERFUL MUSCLE ISSUES.

Game Selector
D - Varmint
L - Large Game
XL - Extra Large Game
O/P - Open or Plains

Examples
Prairie dog, coyote, woodchuck
Antelope, deer, black bear
Large, heavy game
Cape Buffalo, elephant

**Intended for use in fast twist barrels (e.g. 1 in 7 to 1 in 9).
Slower twist barrels may not sufficiently stabilize bullet.

Acceptable for use in pistols and revolvers also.

CXP Class

1
2
3
4

Trajectory, Short Range Yards
50 100 150 200 250 300

Trajectory, Long Range Yards
100 150 200 250 300 400 500

*Preliminary Data - Subject to change when validated.

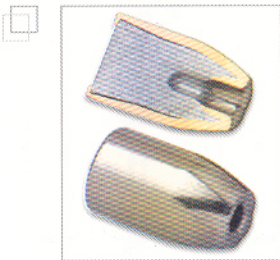
WINCHESTER



PLATINUM TIP (PTHP)



Platinum Tip™ is the latest high performance handgun hunting ammunition from Winchester. Designed from the ground up to meet the performance needs of serious handgun hunters, the Platinum Tip bullet features a patented, thick wall reverse-taper jacket design and strategic lead core and jacket notching with a specially designed two-part hollow-point cavity for uniform bullet expansion, weight retention, and massive energy deposit. Supreme® Platinum Tip Handgun Hunting Ammunition—the ultimate handgun hunting cartridge.



- Patented notched reverse taper bullet jacket
- Plated heavy wall jacket and 2-part hollow point cavity for uniform bullet expansion
- Massive energy deposit
- High accuracy

Cartridge	Users Guide	Bullet Wt.
41 Remington Magnum	H	240 gr.
44 Remington Magnum	H	250 gr.
454 Casull®	H	260 gr.





PARTITION GOLD (PG)



Supreme® Partition Gold® handgun ammunition gives hunters a greater edge in the field—regardless of handgun barrel length or distance to the target. Key to this performance edge is the specially designed Partition Gold bullet which promotes low velocity expansion while resisting petal loss at higher velocities. Add a heavy bullet wall thickness to provide integrity against high velocity impact, a solid partition mid-section to lock the rear core in place, and a precise bullet heel shape to deliver excellent accuracy—and you have the ideal choice for your handgun hunting needs.



- Proven partition technology
- Consistent, dramatic bullet expansion
- Deep penetration regardless of barrel length
- Maximum weight retention
- Extremely accurate

Cartridge	Users Guide	Bullet Wt.
357 Magnum	H	180 gr.
44 Remington Magnum	H	250 gr.
45 Winchester Magnum	H	260 gr.
454 Casull®	H	260 gr.

JACKETED SOFT/HOLLOW POINT (JSP/JHP/HSP)



- Positive expansion
- Proven accuracy
- Notched jacket

Cartridge	Users Guide	Bullet Wt.
357 Magnum	H	125 gr.
357 Magnum	H	158 gr.
357 Magnum	H	158 gr.
44 Remington Magnum	H	240 gr.
44 Remington Magnum	H	240 gr.
45 Winchester Magnum	H	260 gr.
454 Casull®	H	250 gr.
454 Casull®	H	300 gr.



WINCHESTER



SXT SUPREME EXPANSION TECHNOLOGY (SXT)

From its inception, SXT® ammunition was designed to be the ultimate high-tech, high performance handgun ammunition to meet the critical requirements of personal protection—regardless of the caliber or handgun barrel length used. Featuring a patented, reverse-taper jacketed hollow point bullet design and advanced two-stage hollow point cavity configuration, Supreme SXT delivers superior accuracy, dramatic expansion, optimum depth of penetration for maximum energy deposit, and minimum weight loss and bullet fragmentation.



- Reverse taper jacket design
- Uniform bullet expansion
- Excellent accuracy
- Positive functioning

Cartridge	Users Guide	Bullet Wt.
380 Automatic	PP	95 gr.
38 Special +P	PP	130 gr.
9mm Luger	PP	147 gr.
40 Smith & Wesson	PP	165 gr.
40 Smith & Wesson	PP	180 gr.
45 Automatic	PP	230 gr.

JACKETED SOFT/HOLLOW POINT (JSP/JHP/HSP)

- Positive expansion
- Proven accuracy
- Notched jacket

Cartridge	Users Guide	Bullet Wt.
38 Special +P	PP	125 gr.
38 Special +P	PP	125 gr.
38 Special	PP	125 gr.
9mm Luger	PP	115 gr.
9mm Luger	PP	147 gr.
9x23 Winchester	PP	124 gr.
357 SIG	PP	125 gr.
357 Magnum	PP	110 gr.
40 Smith & Wesson	PP	180 gr.
NEW 45 G.A.P.	PP	230 gr.
45 Automatic	PP	230 gr.





SILVERTIP HOLLOW POINT (STHP)

Super-X® Silvertip® remains one of the most dependable and performance-proven handgun cartridges ever created. Originally developed for Law Enforcement to replace traditional hollow point bullets, Super-X Silvertip handgun ammunition continues to offer a unique combination of power, precision, reliable functioning, and on-target performance via a specially engineered jacketed bullet. This bullet delivers optimum penetration and rapid energy release with virtually no weight loss or bullet fragmentation.

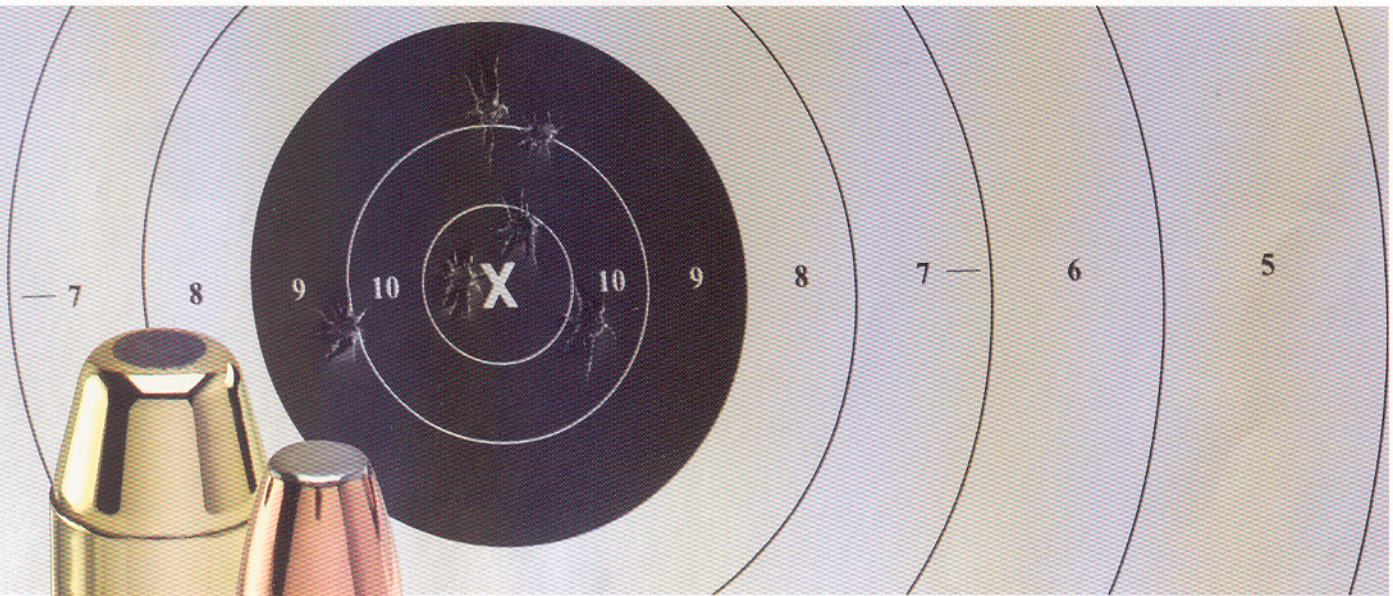


- Rapid energy deposit
- Positive functioning
- Uniform expansion
- High accuracy

Cartridge	Users Guide	Bullet Wt.
32 Automatic	PP	60 gr.
380 Automatic	PP	85 gr.
38 Special	PP	110 gr.
38 Special +P	PP	125 gr.
9mm Luger	PP	115 gr.
9mm Luger	PP	147 gr.
9x23 Winchester	PP	125 gr.
38 Super +P	PP	125 gr.
357 Magnum	PP	145 gr.
40 Smith & Wesson	PP	155 gr.
10mm Automatic	PP	175 gr.
41 Remington Magnum	PP	175 gr.
44 S & W Special	PP	200 gr.
44 Remington Magnum	PP	210 gr.
NEW 45 G.A.P.	PP	185 gr.
45 Automatic	PP	185 gr.
45 Colt	PP	225 gr.



PERSONAL PROTECTION



WINCLEAN (BBB) & SUPER CLEAN NT (TIN)

- ☐ When you're shooting at indoor ranges, WinClean's® patented lead and heavy-metal free primers, Brass Enclosed Base bullets and clean-burning propellants not only eliminate airborne lead at the firing point, they also generate less barrel, action and shellcase residue.



- ☐ Winchester Super Clean NT® was the first commercial handgun ammunition ever developed to meet the totally non-toxic needs of indoor ranges. By featuring a never before seen 100% lead free Jacketed Soft Point Tin Core bullet, Super Clean NT shoots and performs like lead and delivers superior accuracy and function in all handguns.

WINCLEAN BRASS ENCLOSED BASE



- ☐ Lead & heavy-metal free primer
- ☐ Excellent accuracy
- ☐ Brass Enclosed Base eliminates lead vaporization from Bullet Base
- ☐ No lead barrel fouling
- ☐ Positive functioning

SUPER CLEAN NT



- ☐ Lead & heavy-metal free primer
- ☐ 100% Non-toxic tin core bullet
- ☐ Performs like lead
- ☐ Superior accuracy
- ☐ Positive functioning

Cartridge	Users Guide	Bullet Wt.
380 Automatic	T	95 gr.
38 Special	T	125 gr.
9mm Luger	T	115 gr.
9mm Luger	T	124 gr.
9mm Luger	T	147 gr.
357 SIG	T	125 gr.
357 Magnum	T	125 gr.
40 Smith & Wesson	T	165 gr.
40 Smith & Wesson	T	180 gr.
NEW 45 G.A.P.	T	230 gr.
45 Automatic	T	185 gr.
45 Automatic	T	230 gr.

Cartridge	Users Guide	Bullet Wt.
38 Special	T	110 gr.
357 SIG	T	105 gr.
357 Magnum	T	110 gr.
9mm Luger	T	105 gr.
40 Smith & Wesson	T	140 gr.
45 Automatic	T	170 gr.





FULL METAL JACKET (FMJ)



- Positive functioning
- No expansion
- Good accuracy
- Reduced barrel fouling

Cartridge	Users Guide	Bullet Wt.
25 Automatic	T	50 gr.
30 Luger (7.65mm)	T	93 gr.
32 Automatic	T	71 gr.
380 Automatic	T	95 gr.
38 Super +P	T	130 gr.
38 Special	T	130 gr.
9mm Luger	T	115 gr.
9mm Luger	T	115 gr.
9mm Luger	T	124 gr.
9mm Luger	T	147 gr.
357 SIG	T	125 gr.
40 Smith & Wesson	T	165 gr.
40 Smith & Wesson	T	180 gr.
NEW 45 G.A.P.	T	230 gr.
45 Automatic	T	185 gr.
45 Automatic	T	230 gr.

LEAD (LRN/LFN/LWC)



- Match-grade accuracy
- Consistent performance
- Clean target signature

Cartridge	Users Guide	Bullet Wt.
32 Short Colt	T	80 gr.
32 Smith & Wesson	T	85 gr.
32 Smith & Wesson	T	98 gr.
38 Smith & Wesson	T	145 gr.
38 Special	T	148 gr.
38 Special	T	150 gr.
38 Special +P	T	158 gr.
38 Special	T	158 gr.
38 Special	T	158 gr.
44 S & W Special	T	246 gr.
45 Colt	T	255 gr.

COWBOY ACTION



- High accuracy
- Lubricated bullet
- Consistent performance

Cartridge	Users Guide	Bullet Wt.
38 Special	T	158 gr.
44-40 Winchester	T	225 gr.
44 Special	T	240 gr.
45 Colt	T	250 gr.



CENTERFIRE HANDGUN BALLISTICS



SUPREME®

Cartridge	Symbol	Bullet Wt.		User Guide	Velocity (fps)			Energy (ft.-lbs.)			Mid-Range Traj. (In.)		Barrel Length In.
		Gr.	Type		Muzzle	50 Yds.	100Yds.	Muzzle	50 Yds.	100 Yds.	50 Yds.	100 Yds.	
380 Automatic	S380	95	SXT®	PP	955	889	835	192	167	147	1.3	5.5	3-3/4
38 Special + P	S38SP	130	SXT	PP	925	887	852	247	227	210	1.3	5.5	4V
9mm Luger	S9	147	SXT	PP	990	947	909	320	293	270	1.2	4.8	4
40 Smith & Wesson	S401	165	SXT	PP	1130	1041	977	468	397	349	0.9	4.0	4
40 Smith & Wesson	S40	180	SXT	PP	1010	954	909	408	364	330	1.1	4.8	4
45 Automatic	S45	230	SXT	PP	880	846	816	396	366	340	1.5	6.1	5
357 Magnum #	S357P	180	Partition Gold*	H	1180	1088	1020	557	473	416	0.8	3.6	8V
41 Rem Magnum #	S41PTHP	240	Platinum Tip™	H	1250	1151	1075	833	706	616	0.8	3.3	6-1/2V
44 Rem Magnum #	S44PTHP	250	Platinum Tip	H	1250	1148	1070	867	732	635	0.8	3.3	6-1/2V
44 Rem Magnum #	S44MP	250	Partition Gold	H	1230	1132	1057	840	711	620	0.8	2.9	6-1/2V
45 Winchester Magnum	SPG45WM	260	Partition Gold	H	1200	1105	1033	832	705	617	0.8	3.5	5
454 Casull®	S454PTHP	260	Platinum Tip	H	1800	1596	1414	1870	1470	1154	0.4	1.7	7-1/2V
454 Casull®	SPG454	260	Partition Gold	H	1800	1605	1427	1871	1485	1176	0.4	1.7	7-1/2V

SUPER-X®

25 Automatic	X25AXP	45	Expanding Point	PP	815	729	655	66	53	42	1.8	7.7	2
30 Luger (7.65mm)	X30LP	93	Full Metal Jacket	T	1220	1110	1040	305	255	225	0.9	3.5	4-1/2
30 Carbine	X30M1	110	Hollow Soft Point	H	1790	1601	1430	783	626	500	0.4	1.7	10
32 Smith & Wesson	32BL2P	Blk.Pwd.	Blank										
32 Smith & Wesson	X32SWP	85	Lead-Round Nose	T	680	645	610	90	81	73	2.5	10.5	3
32 Smith & Wesson Long	X32SWLP	98	Lead-Round Nose	T	705	670	635	115	98	88	2.3	10.5	4
32 Short Colt	X32SCP	80	Lead-Round Nose	T	745	665	590	100	79	62	2.2	9.9	4
32 Automatic	X32ASHP	60	Silvertip® HP	PP	970	895	835	125	107	93	1.3	5.4	4
38 Smith & Wesson	X38SWP	145	Lead-Round Nose	T	685	650	620	150	135	125	2.4	10.0	4
380 Automatic	X380ASHP	85	Silvertip HP	PP	1000	921	860	189	160	140	1.2	5.1	3-3/4
38 Special	38SBLP	Smokeless	Blank										
38 Special	X38S9HP	110	Silvertip HP	PP	945	894	850	218	195	176	1.3	5.4	4V
38 Special Super Match®	X38SMRP	148	Lead-Wad Cutter	T	710	634	566	166	132	105	2.4	10.8	4V
38 Special	X38S1P	158	Lead-Round Nose	T	755	723	693	200	183	168	2.0	8.3	4V
38 Special	X38WCPSV	158	Lead-Semi WC	T	755	721	689	200	182	167	2.0	8.4	4V
38 Special + P	X38S7PH	125	Jacketed HP	PP	945	898	858	248	224	204	1.3	5.4	4V
38 Special + P	X38S8HP	125	Silvertip HP	PP	945	898	858	248	224	204	1.3	5.4	4V
38 Special + P	X38SPD	158	Lead-Semi WC HP	PP	890	855	823	278	257	238	1.4	6.0	4V
9mm Luger	X9MMSHHP	115	Silvertip HP	PP	1225	1095	1007	383	306	259	0.8	3.6	4
9mm Luger	X9MMST147	147	Silvertip HP	PP	1010	962	921	333	302	277	1.1	4.7	4
38 Super Automatic + P	X38ASHP	125	Silvertip HP	T/PP	1240	1130	1050	427	354	306	0.8	3.4	5
9 X 23 Winchester	X923W	125	Silvertip HP	T/PP	1450	1249	1103	583	433	338	0.6	2.8	5
357 Magnum	X3576P	125	Jacketed HP	PP	1450	1240	1090	583	427	330	0.6	2.8	4V
357 Magnum	X357SHP	145	Silvertip HP	PP	1290	1155	1060	535	428	361	0.8	3.5	4V
357 Magnum #	X3574P	158	Jacketed HP	H/PP	1235	1104	1015	535	428	361	0.8	3.5	4V
357 Magnum #	X3575P	158	Jacketed Soft Point	H/PP	1235	1104	1015	535	428	361	0.8	3.5	4V
40 Smith & Wesson	X40SWSTHP	155	Silvertip HP	PP	1205	1096	1018	500	414	357	0.8	3.6	4
10mm Automatic	X10MMSTHP	175	Silvertip HP	PP	1290	1141	1037	649	506	418	0.7	3.3	5-1/2
41 Remington Magnum	X41MSTHP2	175	Silvertip HP	H/PP	1250	1120	1029	607	488	412	0.8	3.4	4V
44 Smith & Wesson Special	X44STHPS2	200	Silvertip HP	PP	900	860	822	360	328	300	1.4	5.9	6-1/2
44 Smith & Wesson Special	X44SP	246	Lead-Round Nose	T	755	725	695	310	285	265	2.0	8.3	6-1/2
44 Remington Magnum	X44MS	210	Silvertip HP	H/PP	1250	1106	1010	729	570	475	0.8	3.5	4V
44 Remington Magnum #	X44MHSP2	240	Hollow Soft Point	H	1180	1081	1010	741	623	543	0.9	3.7	4V
NEW 45 G.A.P.	X45GSHP	185	Silvertip HP	PP	1000	938	887	411	361	323	1.1	4.9	5
45 Automatic	X45ASHP2	185	Silvertip HP	PP	1000	938	887	411	361	323	1.1	4.9	5
45 Colt	X45CSHP2	225	Silvertip HP	PP	920	877	839	423	384	352	1.4	5.6	5-1/2
45 Colt	X45CP2	255	Lead-Round Nose	T	860	820	780	420	380	345	1.5	6.1	5-1/2
45 Winchester Magnum	X45WMA	260	Jacketed HP	H	1200	1099	1026	831	698	607	0.8	3.6	5
454 Casull®	X454C3	250	Jacketed HP	H	1300	1151	1047	938	735	608	0.7	3.2	7-1/2V
454 Casull®	X454C22	300	Jacketed Flat Point	H	1625	1451	1308	1759	1413	1141	0.5	2.0	7-1/2V

SUPER CLEAN NT®

38 Special	SC38NT	110	Jacketed Flat Point	T	975	906	849	232	201	176	0.2	3.7	4V
9mm Luger	SC9NT	105	Jacketed Flat Point	T	1200	1074	989	336	269	228	0.8	3.7	4
357 Magnum	SC357NT	110	Jacketed Flat Point	T	1275	1105	998	397	298	243	0.8	3.5	4V
357 SIG	SC357SNT	105	Jacketed Flat Point	T	1370	1179	1050	438	324	257	0.7	3.1	4
40 Smith & Wesson	SC40NT	140	Jacketed Flat Point	T	1155	1039	960	415	336	286	1.2	5.3	4
45 Automatic	SC45NT	170	Jacketed Flat Point	T	1050	982	928	416	364	325	0.9	0.4	4

V-Data is based on velocity obtained from vented test barrels for revolver cartridges (38 Special, 397 Magnum, 41 Rem. Mag., 44 Rem. Mag. and 454 Casull®). Specifications are nominal. Test barrels are used to determine ballistics figures. Individual firearms may differ from test barrel statistics.

*F Ammunition with (-P) on the case head stamp is loaded to higher pressure. Use only in firearms designated for this cartridge and so recommended by the gun manufacturer.

#Acceptable for use in rifle hunting applications.

USA BRAND CENTERFIRE HANDGUN

Cartridge	Symbol	Bullet Wt.		User Guide	Type	Velocity (fps)		Energy (ft-lbs.)	
		Gr.				Muzzle	50 Yds.	Muzzle	50 Yds.
25 Automatic	Q4203	50 gr.		T	Full Metal Jacket	760	707	64	56
32 Automatic	Q4255	71 gr.		T	Full Metal Jacket	905	855	129	115
380 Automatic	Q4206	95 gr.		T	Full Metal Jacket	955	865	190	160
38 Super Automatic +P	Q4205	130 gr.		T	Full Metal Jacket	1215	1099	426	348
38 Special	USA38SP	125 gr.		T	Jacketed Flat Point	850	804	201	179
38 Special	Q4171	130 gr.		T	Full Metal Jacket	800	765	185	169
38 Special	Q4196	150 gr.		T	Lead Round Nose	845	812	238	219
38 Special +P	USA38JHP	125 gr.		PP	Jacketed Hollow Point	945	898	248	224
9mm Luger	USA9JHP	115 gr.		PP	Jacketed Hollow Point	1225	1095	383	306
9mm Luger	USA9JHP2	147 gr.		PP	Jacketed Hollow Point	990	945	320	291
9mm Luger	Q4172	115 gr.		T	Full Metal Jacket	1190	1071	362	293
9mm Luger (100 Rnd Value Pack)	USA9MMVP	115 gr.		T	Full Metal Jacket	1190	1071	362	293
9mm Luger	USA9MM	124 gr.		T	Full Metal Jacket	1140	1050	358	303
9mm Luger	USA9MM1	147gr.		T	Full Metal Jacket-Flat Nose	990	945	320	292
9x23mm Win	Q4304	124 gr.		T	Jacketed Flat Point	1460	1308	587	471
357 SIG	USA357SJHP	125 gr.		PP	Jacketed Hollow Point	1350	1185	506	390
357 SIG	Q4309	125gr.		T	Full Metal Jacket-Flat Nose	1350	1185	506	390
357 Magnum	Q4204	110gr.		PP	Jacketed Hollow Point	1295	1095	410	292
40 Smith & Wesson	USA40SW	165 gr.		T	Full Metal Jacket-Flat Nose	1060	1001	412	367
40 Smith & Wesson	USA40JHP	180 gr.		PP	Jacketed Hollow Point	1010	954	408	364
40 Smith & Wesson	Q4238	180 gr.		T	Full Metal Jacket	990	943	391	356
44 Rem Magnum	Q4240	240 gr.		H	Jacketed Soft Point	1180	1081	741	623
NEW 45 G.A.P.	USA45G	230 gr.		T	Full Metal Jacket	850	814	369	338
NEW 45 G.A.P.	USA45JHP	230 gr.		PP	Jacketed Hollow Point	880	842	396	363
45 Automatic	USA45A	185 gr.		T	Full Metal Jacket-Flat Nose	910	861	340	304
45 Automatic	USA45JHP	230 gr.		PP	Jacketed Hollow Point	880	842	396	363
45 Automatic	Q4170	230 gr.		T	Full Metal Jacket	835	800	356	326




WINCLEAN®

Cartridge	Symbol	Bullet Wt.		User Guide	Type	Velocity (fps)		Energy (ft-lbs.)	
		Gr.				Muzzle	50 Yds.	Muzzle	50 Yds.
380 Automatic	WC3801	95 gr.		T	Brass Enclosed Base	955	881	192	164
38 Special	WC381	125 gr.		T	Jacketed Flat Point	775	742	167	153
9mm Luger	WC91	115 gr.		T	Brass Enclosed Base	1190	1088	362	302
9mm Luger	WC92	124 gr.		T	Brass Enclosed Base	1130	1049	352	303
9mm Luger	WC93	147 gr.		T	Brass Enclosed Base	990	945	320	291
357 SIG	WC357SIG	125 gr.		T	Brass Enclosed Base	1350	1183	506	388
357 Magnum	WC3571	125 gr.		T	Jacketed Flat Point	1370	1183	521	389
40 Smith & Wesson	WC401	165 gr.		T	Brass Enclosed Base	1130	1054	468	407
40 Smith & Wesson	WC402	180 gr.		T	Brass Enclosed Base	990	943	392	356
NEW 45 G.A.P.	WC45G	230 gr.		T	Brass Enclosed Base	875	840	391	360
45 Automatic	WC451	185 gr.		T	Brass Enclosed Base	1000	902	411	334
45 Automatic	WC452	230 gr.		T	Brass Enclosed Base	875	840	391	360

COWBOY LOADS

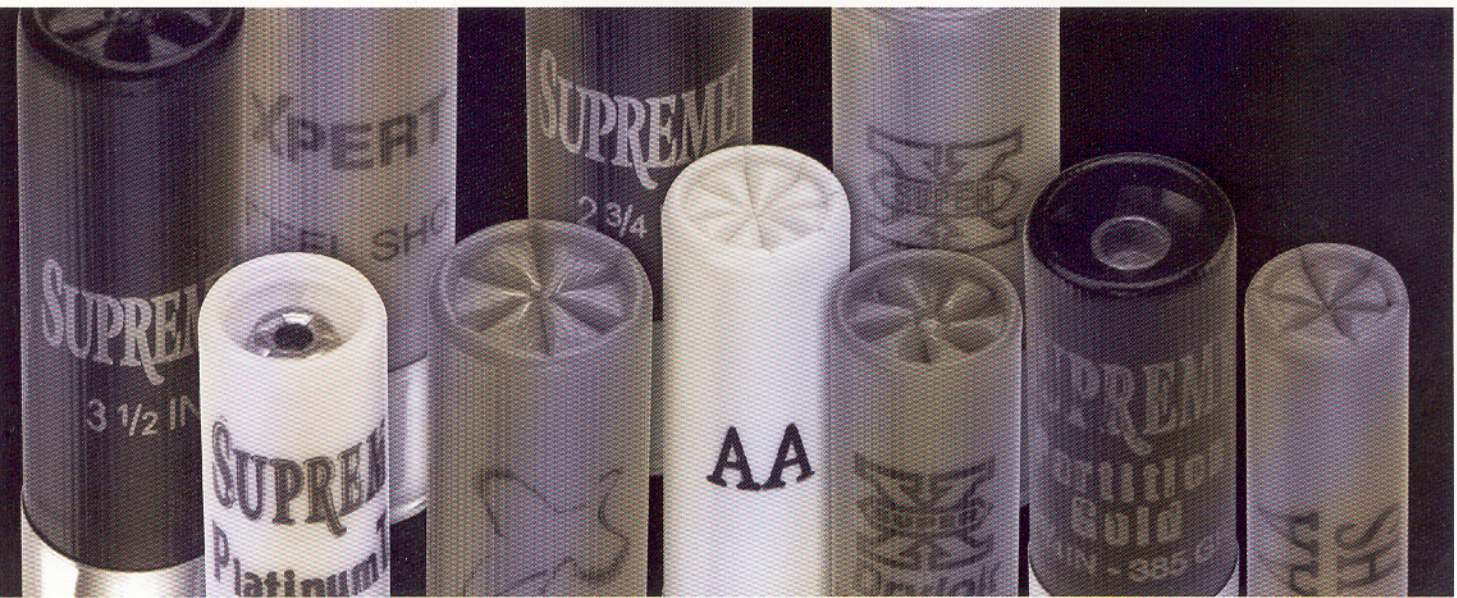
Cartridge	Symbol	Bullet Gr.	Wt.	User Type	User Guide	Velocity (fps)			Energy (ft-lbs.)			Mid-Range Traj. (In.)		Barrel Length In.
						Muzzle	50 Yds.	100Yds.	Muzzle	50 Yds.	100 Yds.	50 Yds.	100 Yds.	
38 Special	USA38CB	158	Lead	T		800	761	725	225	203	185	1.8	7.5	4
44-40 Winchester	USA4440CB	225	Lead	T		750	723	695	281	261	242	2.0	8.3	4
44 Special	USA44CB	240	Lead	T		750	719	690	300	275	253	2.0	8.4	4
45 Colt	USA45CB	250	Lead	T		750	720	692	312	288	266	2.0	8.4	5

CENTERFIRE PISTOL USERS GUIDE

USAGE SYMBOL	PROPERTIES	USAGE SYMBOL	PROPERTIES	APPLICATION	USAGE SYMBOL	PROPERTIES	APPLICATION
	-Sure Functioning -Optimum Energy Deposit -Accurate -Controlled Recoil		-Massive Energy Deposit -Accurate -Optimum Penetration -Consistent Expansion	Thin Skinned Game such as Whitetail Deer and Boar		-Accurate -Sure Functioning -Controlled Recoil	Indoor and Outdoor Range, Plinking, Target and Match
PERSONAL PROTECTION		HUNTING			TARGET/RANGE		

T-Target PP-Personal Protection H-Hunting

WINCHESTER



WHAT DOES IT TAKE TO BE THE BEST IN SHOTSHELLS?

Experience, desire and the ability to consistently innovate.

Winchester's shotshell manufacturing experience extends back to 1886. Along the way, there have been many Winchester innovations that have led the shooting industry.

As we have learned since then, it is critical to maintain an aggressive program of research, testing and development to assure we deliver our customers the absolute best quality, best performing products we can make.

Today, our formula for shotshell success remains simple. It is to make our shotshells deliver: reliable ignition, consistent velocities and superior patterning.

But we don't stop with just a goal. During all stages of our shotshell manufacturing, we employ measures to assure consistent quality. Throughout Winchester's manufacturing, statistical process control is performed to assure Winchester specifications are met for: pressure, velocity, gun functioning, primer sensitivity, cleanliness of powder burn, accuracy, dimensional conformance, even consistency of shotshell performance in different temperatures. Winchester annually live fires one million rounds in its ballistics laboratories to make sure you get the best products you can buy from any shotshell manufacturer.

So, now you know a little about our experience, and some significant Winchester innovations that have become standards of the industry. As you look through the next few pages, we hope you'll see the type of desire it has taken to be the best in shotshells.

Here's a partial list of Winchester product innovations that have helped lead the way to better shooting for well over a century:

- 1886—First Winchester shotshell called Rival
- 1894—First Olin produced shotshells
- 1922—Super-X® Field Loads
- 1926—Lubaloy® shot
- 1936—Rifled Slugs
- 1946—Ball Powder® Propellant
- 1959—12 Pellet 00 Magnum Buckshot Loads
- 1963—Super Grex® Buffered Shot
- 1964—Compression Formed Hulls
- 1965—AA® Target Loads
- 1968—XX® Magnum Field Loads
- 1976—Steel Shot Waterfowl Loads
- 1978—AA Plus® Target Loads
- 1990—AA Super Handicap® Target Loads
- 1991—BRI® Sabot Slugs
- 1993—Patented Drylok Super Steel®
- 1996—Supreme® High Velocity Turkey Loads
- 2000—Patented 1-Piece Sabot and Partition Gold® Slugs
- 2003—Xpert® High Velocity Steel Shot

SHOTSHELL GAME GUIDE

Brand Shot Size Choke Gauge



GOOSE

STEEL: Super-X® Drylok Super Steel®	T,BBB,BB,1,2	Mod., Imp. Mod.	10, 12
Drylok Hi-Velocity®	BB,2,3		12
Supreme® High Velocity Steel	BB,BBB	Mod., Imp. Mod.	10, 12
Xpert® Steel	BB	Mod., Imp. Mod.	12
Xpert® Hi-Velocity	BB	Mod., Imp. Mod.	12



DUCKS

STEEL: Super-X® Drylok Super Steel®	1, 2, 3, 4, 6	Imp. Cyl., Mod., Imp. Mod.	10, 12, 20
Drylok Hi-Velocity®	2, 3		12
Supreme® High Velocity Steel	2, 3, 4	Imp. Cyl., Mod., Imp. Mod.	10, 12
Xpert® Steel Waterfowl	2, 4	Imp. Cyl., Mod., Imp. Mod.	12, 20
Xpert® Hi-Velocity	2, 3, 4	Imp. Cyl., Mod., Imp. Mod.	12



TURKEY

LEAD: Super-X®	4, 5, 6	Full	12, 16, 20
Double X®	4, 5, 6	Full	10, 12, 20
Supreme® High Velocity	4, 5, 6	Full	10, 12



PHEASANT

LEAD: Super-X®	4, 5, 6, 7.5	Imp. Cyl., Mod., Imp. Mod.	12, 16, 20
Double X®	4, 6	Imp. Cyl., Mod., Imp. Mod.	12, 20
Supreme® High Velocity	4, 6, 7.5	Imp. Cyl., Mod., Imp. Mod.	12, 20
AA® Super Pigeon®	7.5	Full, Imp. Mod., Mod.	12
Super-Pheasant®	4, 5, 6	Imp. Cyl., Mod., Imp. Mod.	12, 20
STEEL: Super-X® Drylok Super Steel®	4, 6, 7	Mod., Imp. Mod.	12, 20
Xpert® Heavy Upland	4, 6	Imp. Cyl. Mod.	12, 20



GROUSE PARTRIDGE

LEAD: Super-X®	5, 6, 7.5, 8	Imp. Cyl., Mod.	12, 16, 20, 28
AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20



WOODCOCK SNIPE RAIL

LEAD: Super-X®	6, 7.5, 8	Imp. Cyl., Mod.	12, 16, 20, 28
Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20
STEEL: Super-X® Drylok Super Steel®	4, 6	Imp. Cyl., Mod.	12, 20
Xpert® Upland Game	6, 7	Imp. Cyl., Mod.	12, 20



QUAIL

LEAD: Super-X®	7.5, 8	Imp. Cyl., Mod.	12, 16, 20, 28
AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20



DOVE

LEAD: Super-X®	7.5, 8	Imp. Cyl., Mod., Imp. Mod.	12, 16, 20, 28
AA®	7.5, 8	Imp. Cyl., Mod.	12, 20, 28
Western®	7.5, 8	Imp. Cyl., Mod.	12, 20
Super-Target™	7.5, 8	Imp. Cyl., Mod.	12, 20
STEEL: Super-X® Drylok Super Steel®	6	Imp. Cyl., Mod., Imp. Mod.	12, 20
Xpert® Upland Game	6, 7	Imp. Cyl., Mod.	12, 20



RABBIT

LEAD: Super-X®	4, 5, 6, 7.5	Imp. Cyl., Mod.	12, 16, 20, 28, 410
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SQUIRREL

LEAD: Super-X®	4, 5, 6	Mod., Imp. Mod., Full	12, 16, 20, 28, 410
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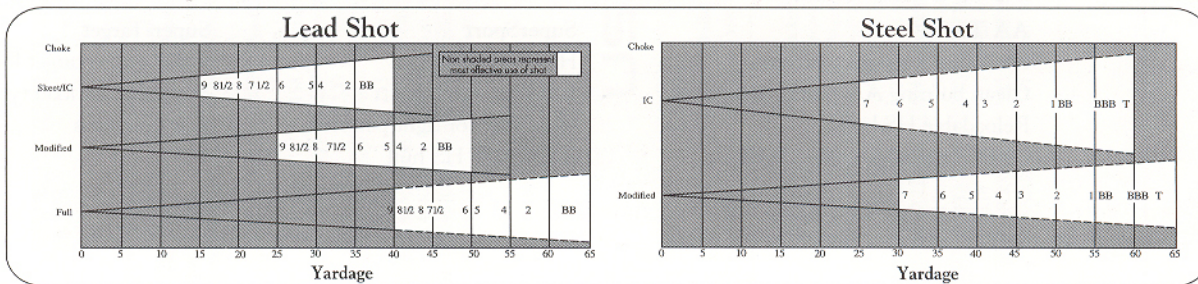
STANDARD SHOT SIZES

Buckshot Sizes

Shot Sizes

Shot Number	Diameter in Inches		# Pellets Typical Loads	Shot Number	Diameter in Inches		Pellets/oz. Lead	Pellets/oz. Steel	
	Lead	Steel			Lead	Steel			
4	.24	.27	27	9	.08	.085	585	-	
		.34		8.5			500	-	
		.41							
3	.25	.20	24	8	.09	.095	410	-	
		.24		7.5			350	-	
1	.30	.12	12	7	.10	.105	420	-	
		.16		6			225	316	
		.20							
		.24							
0	.32	.12	12	5	.12	.125	170	243	
				4			135	191	
00	.33	.12	9	3	.14	.145	153	-	
				2			87	125	
000	.36	.08	8	1	.16	.165	103	-	
		.10		BB			50	72	
					BBB			-	61
						T	.20	-	53

PATTERN/PELLET DENSITY & ENERGY GUIDE



Look up distance to your game for recommended pellet. Pellets appropriate for longer distances may also be used at shorter range. Use of pellets at distances surpassing their listing is not recommended.

WINCHESTER



AA TARGET LOADS-HS HULLS

Since their introduction almost 40 years ago, AA® Target loads have reigned as the standard of excellence and overwhelming choice of serious target shooters the world over. Whether it is at the Grand American Handicap or your local trap and skeet club, Winchester AA loads deliver target crunching performance with every shot. The innovative high strength shells have raised the performance bar in target busting performance as well as outstanding reloadability. No matter what gauge gun you are using, AA HS Target loads can't be beat.



Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
12	AA12SP	Super Pigeon®	2 3/4	3 1/4	1220	1 1/4	7.5, 8
12	AAHA12	Super-Handicap®	2 3/4	3	1250	1 1/8	7.5, 8
12	AAM12	Heavy Target Load	2 3/4	3	1200	1 1/8	7.5, 8, 9
12	AA12	Light Target Load	2 3/4	2 3/4	1145	1 1/8	7.5, 8, 8.5, 9
12	AAHLA12	Lite Handicap	2 3/4	3 1/4	1290	1	7.5, 8
12	AAL12	Xtra-Lite™	2 3/4	2 3/4	1180	1	7.5, 8, 8.5, 9
12	AANL12	International	2 3/4	NA	1325	24 grams	7.5, 9
12	AA12FL	Low Recoil/Low Noise	2 3/4	2 1/2	980	26 grams	8
20	AAH20	Heavy Target Load	2 3/4	2 1/2	1165	1	7.5, 8
20	AA20	Target Load	2 3/4	2 1/2	1200	7/8	8, 9
28	AA28	Target Load	2 3/4	2	1200	3/4	8, 9
410	AA41	Target Load	2 1/2	Max	1200	1/2	9

AA Target

- Hard shot for tight patterns
- Clean burning AA primer and powder
- Reloadable HS hull
- Loads for every shooter's need

SuperSport

- High velocity
- Full shot weights
- Hard shot for tight patterns
- Reloadable HS hull

Super-Target

- Value priced target load
- Most popular load types
- Tight patterns





AA SUPERSPORT-SPORTING CLAYS

Sporting Clays games offer exciting new challenges—for both the large and small gauge competitor. From bouncing rabbit targets to soaring teal and tower targets, sporting clays demands the most from shooter and ammunition. To meet this challenge head on, Winchester offers a complete selection of 12, 20, 28 and 410 gauge shotshells in its SuperSport™ AA® line.

In all gauges, SuperSport loads offer full shot weight pattern performance at a sizzling 1,300 fps (1,350 fps for the 1 – ounce 12 gauge)! What's more, shot sizes are specifically selected to optimize on-target performance in each gauge and all Super Sport loads use the high performance Winchester AA HS hull. So, if sporting clays is your game, Winchester SuperSport AA loads are the ammunition of choice.

SUPER-TARGET

Super-Target™ shotshell loads—a full line of shotshells designed to give you outstanding clay-busting performance in sporting clays, trap and skeet—all at a highly competitive, value price. No matter what your game, load up with new Super-Target loads from Winchester. Also available in #7 steel shot for ranges with lead restrictions.



Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
NEW 12	AASC12	Sporting Clays	2 3/4	N/A	1300	1 1/8	7.5, 8, 9
12	AASCL12	Sporting Clays	2 3/4	N/A	1350	1	7.5, 8
20	AASC20	Sporting Clays	2 3/4	N/A	1300	7/8	7.5, 8
28	AASC28	Sporting Clays	2 3/4	N/A	1300	3/4	7.5, 8.5
NEW 410	AASC41	Sporting Clays	2 1/2	N/A	1300	1/2	8, 8.5



NEW 12	TRGT12M7	Super-Target	2 3/4	3	1200	1 1/8	7.5 Lead
NEW 12	TRGT12M8	Super-Target	2 3/4	3	1200	1 1/8	8 Lead
NEW 12	TRGT127	Super-Target	2 3/4	2 3/4	1145	1 1/8	7.5 Lead
NEW 12	TRGT128	Super-Target	2 3/4	2 3/4	1145	1 1/8	8 Lead
NEW 20	TRGT207	Super-Target	2 3/4	2 1/2	1200	7/8	7.5 Lead
NEW 20	TRGT208	Super-Target	2 3/4	2 1/2	1200	7/8	8 Lead
NEW 12	TRGT12S7	Super-Target	2 3/4	3	1200	1 1/8	7 Steel



TARGET

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WINCHESTER



SUPREME & SUPER-X WATERFOWL LOADS

Simply put, Supreme® High Velocity Steel Shotshells are the finest, high-performance water-resistant steel shotshells on the market.

So waterfowl beware: nothing performs like Supreme High Velocity Steel loads. Each load features a specially formulated propellant to deliver a steel shot charge at 175 fps faster than standard waterfowl loads. Add our exclusive two-piece double seal Drylok Super Steel® wad and plated steel shot for denser, more powerful patterns, and you have the fastest, hardest-hitting steel waterfowl shotshell ever developed by Winchester.



Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Supreme® High Velocity Drylok Super Steel® Non-Toxic Waterfowl Loads					
10	SSH10	3 1/2	1450	1 3/8	BBB, BB, 2
12	SSH1235	3 1/2	1450	1 3/8	BBB, BB, 2, 3
12	SSH123	3	1450	1 1/4	BB, 2, 3, 4

- Supreme and Super-X Waterfowl Loads
- Water resistant wad system
 - Lacquered primer
 - Corrosion resistant shot
 - Tight patterns

Super-X® Drylok Super Steel® Non-Toxic Plated Magnum Goose Loads					
10	XSC10	3 1/2	1350	1 5/8	T, BBB
12	XSC12L	3 1/2	1300	1 9/16	T, BBB
12	XSC123	3	1375	1 1/4	T, BBB

Super-X® Drylok Hi-Velocity® Steel Non-Toxic Waterfowl					
12	XSHV12L	3 1/2	1550	1 1/4	BB, 2
12	XSHV123	3	1550	1 1/8	2, 3

Super-X® Drylok Super Steel® Non-Toxic Magnum Waterfowl Loads					
10	XSM10	3 1/2	1260	1 3/4	BB, 1, 2, 3
12	XSM12L	3 1/2	1300	1 9/16	BB, 1, 2, 3
12	XSM123	3	1265	1 3/8	BB, 1, 2, 3, 4
12	XSV123	3	1375	1 1/4	BB, 1, 2, 3, 4
12	XSM12	2 3/4	1275	1 1/4	BB, 1, 2, 3, 4
20	XSM203	3	1330	1	2, 3, 4

Super-X® Drylok Super Steel® Non-Toxic Waterfowl & Upland Loads					
12	XS12	2 3/4	1365	1 1/8	2, 4, 6
20	XS20	2 3/4	1425	3/4	4, 6





XPERT STEEL WATERFOWL & UPLAND LOADS

- Recognizing the increasing demand for lower cost, high velocity non-toxic loads for waterfowl shooting, Winchester built on the success of Xpert® Steel waterfowl loads to create an entirely new family of value priced, high performance steel shotshells. The new Xpert Hi-Velocity loads deliver a sizzling velocity of up to 1550 fps for an incredible boost in superior, bird-bagging performance. If you plan to shoot a lot this waterfowl season, Xpert Hi-Velocity is the load for you.
- With Xpert® Steel shotshells, Winchester started from the ground up to build the most economical loads imaginable. Winchester re-engineered the way steel loads are built and perfected a new and proprietary way to manufacture corrosion resistant steel shot. The result? Xpert® Steel Shotshells: delivering the performance you expect from Winchester—all at a value price.



Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Xpert® Hi-Velocity					
<small>NEW</small> 12	WEX12L	3 1/2	1550	1 3/8	BB, 2
<small>NEW</small> 12	WEX123H	3	1400	1 1/4	BB, 2, 3, 4
<small>NEW</small> 12	WEX123	3	1550	1 1/8	BB, 2, 3, 4
<small>NEW</small> 12	WEX12	2 3/4	1550	1 1/16	BB, 2, 3, 4

Xpert® Heavy Upland and Waterfowl Steel Loads					
12	WE12L	3 1/2	1350	1 3/8	BB, 1, 2, 3, 4
12	WE123	3	1300	1 1/4	BB, 1, 2, 3, 4
12	WE12H	2 3/4	1300	1 1/8	2, 4, 6
20	WE203	3	1300	7/8	2, 4

Xpert® Upland					
12	WE12	2 3/4	1300	1	6, 7
20	WE20	2 3/4	1300	3/4	7



Xpert Steel Waterfowl & Upland Loads

- Up to 1550 FPS
- Value price
- Corrosion resistant shot
- Tight patterns

XPERT®

WATERFOWL

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WINCHESTER



SUPREME & SUPER-X BUCKSHOT

- For maximum, long range buckshot performance, Supreme® Double-X® Magnum buffered, copperplated buckshot loads are designed to bring the game home.
- In unplated, buffered buckshot, choose Super-X® to give you highly accurate, buck-stopping performance. It's an outstanding product, competitively priced.



Gauge	Symbol	Standard Shot Sizes	Length of Shell In.	Velocity fps @ 3 ft.	Total Pellets
Supreme® Double X Magnum Buckshot Loads—Copperplated, Buffered Shot					
10	X10C00B	00 Buck	3 1/2	1150	18
12	X123C00B	000 Buck	3	1225	10
12	X12XC3B5	00 Buck	3	1210	15
12	X12XC0B5	00 Buck	2 3/4	1295	12
12	X12C1B	1 Buck	2 3/4	1075	20
12	X12XCMB5	4 Buck	3	1210	41
20	X203C3B	3 Buck	3	1150	24

Super-X® Buckshot Loads with Buffered Shot					
10	XB104	4 Buck	3 1/2	1100	54
12	XB12L4	4 Buck	3 1/2 Magnum	1150	54
12	XB12L00	00 Buck	3 1/2 Magnum	1200	18
12	XB1231	1 Buck	3 Magnum	1040	24
12	XB12300	00 Buck	3 Magnum	1210	15
12	XB12000	000 Buck	2 3/4	1325	8
12	XB120012	00 Buck	2 3/4 Magnum	1290	12
12	XB1200LR	00 Buck	2 3/4 Magnum	1125	9
12	XB1200	00 Buck	2 3/4	1325	9
12	XB120	0 Buck	2 3/4	1275	12
12	XB121	1 Buck	2 3/4	1250	16
12	XB124	4 Buck	2 3/4	1325	27
16	XB161	1 Buck	2 3/4	1225	12
20	XB203	3 Buck	2 3/4	1200	20

Super-X® Buckshot					
410	XB41000	000 Buck	2 1/2	1300	3
410	XB413	000 Buck	3	1135	5

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BUCKSHOT



SUPREME & SUPER-X SLUGS

Hunting deer with shotgun slugs beyond 100 yards used to be a hit or miss proposition. Not anymore.

Winchester® Platinum Tip™ and Partition Gold® sabot slugs were both designed for outstanding accuracy in fully rifled shotgun barrels. Platinum Tip delivers massive energy deposit with its notched reverse taper jacket design. Partition Gold travels at a blistering 2,000 feet per second and is designed to achieve deeper penetration with outstanding projectile expansion. Both slugs feature patented, four-petal sabots for higher velocities and flat-shooting trajectories.

When you have that 10-point monster buck in your sights at 138 yards, you will know that loading up with Platinum Tip or Partition Gold Sabot Slugs was the smartest decision you made this deer season.

For excellent performance and moderate recoil in rifled barrel or rifled choke tube shotguns, load up with Winchester Super-X® BRI® Sabot Slugs.

For decades, nothing has performed better in shotguns with smooth bores than Super-X Hollow Point Rifled Slugs.



Platinum Tip/Partition Gold

- Patented one-piece sabot
- Flat shooting
- High accuracy
- Platinum Tip—Massive energy deposit
- Partition Gold—Deep penetration and high weight retention

SB—Smooth Bore
RCT—Rifled Choke Tube
FR—Fully Rifled

Gauge	Symbol	Slug Type	Length of Shell In.	Velocity fps @ 3 ft.	Slug Wt. (grs./oz.)	Barrel Type
Supreme® Platinum Tip™ Hollow Point Slugs						
12	SSPTH12	Sabot	2 3/4	1700	400	FR
20	SSPTH20	Sabot	2 3/4	1700	260	FR
Supreme® Partition Gold® Slugs						
NEW 12	SSP123	Sabot	3	2000	385	FR
12	SSP12	Sabot	2 3/4	1900	385	FR
20	SSP20	Sabot	2 3/4	1900	260	FR
Supreme® Hi-Impact® BRI® Sabot Slugs						
12	SRSRH123	Sabot	3	1550	1 oz.	RCT/FR
12	SRSRH12	Sabot	2 3/4	1450	1 oz.	RCT/FR
Super-X® BRI® Sabot Slugs						
12	XRS123	Sabot	3	1400	1 oz.	RCT/FR
12	XRS12	Sabot	2 3/4	1350	1 oz.	RCT/FR
20	XRS20	Sabot	2 3/4	1400	5/8 oz.	RCT/FR
Super-X® Rifled Slugs						
12	X123RS15	Rifled Slug	3	1760	1 oz.	SB
12	X12RS15	Rifled HP	2 3/4	1600	1 oz.	SB
16	X16RS5	Rifled HP	2 3/4	1600	4/5 oz.	SB
20	X20RSM5	Rifled HP	2 3/4	1600	3/4 oz.	SB
410	X41RS5	Rifled HP	2 1/2	1830	1/5 oz.	SB

SHOTGUN SLUG BALLISTICS

Symbol	Slug Type	Muzzle	Velocity in fps				Velocity in fps					Trajectory height in inches				
			50 yds.	100 yds.	125 yds.	Muzzle	50 yds.	100 yds.	125 yds.	25 yds.	50 yds.	75 yds.	100 yds.	125 yds.	150 yds.	175 yds.
NEW SSP123	Sabot	2000	1831	1673	1598	3419	2867	2392	2182	0.4	1.8	2.5	2.4	1.6	0.0	-2.6
SSP12	Sabot	1900	1737	1585	1514	3086	2579	2148	1959	0.7	2.1	2.8	2.8	1.9	0.0	-2.9
SSPTH12	Sabot	1700	1554	1420	1359	2566	2144	1791	1640	0.2	1.1	1.0	0.0	-2.1	-5.4	-
SRSRH123	Sabot	1550	1258	1066	1004	2400	1581	1136	1007	0.8	2.0	1.8	0.0	-3.7	-	-
XRS123	Sabot	1400	1153	1007	957	1958	1329	1012	914	1.2	2.5	2.2	0.0	-4.3	-	-
SRSRH12	Sabot	1450	1187	1026	972	2100	1407	1051	944	1.1	2.3	2.1	0.0	-4.1	-	-
XRS12	Sabot	1350	1121	988	941	1821	1256	975	885	1.3	2.7	2.3	0.0	-4.6	-	-
SSP20	Sabot	1900	1721	1555	1478	2084	1709	1395	1260	0.9	2.2	2.9	2.9	1.9	0.0	-3.0
SSPTH20	Sabot	1700	1536	1388	1321	1668	1362	1112	1008	0.2	1.1	1.1	0.0	-2.2	-5.6	-
XRS20	Sabot	1400	1143	995	944	1162	774	586	529	1.2	2.6	2.3	0.0	-4.5	-	-
X123RS15	Rifled	1760	1310	1040	965	3010	1667	1052	904	0.2	0.0	-1.5	-4.6	-	-	-
X12RS15	Rifled	1600	1161	953	889	2488	1310	882	768	0.4	0.0	-1.9	-5.9	-12.1	-	-
X16RS5	Rifled	1600	1158	950	887	1962	1028	692	602	0.4	0.0	-2.0	-5.9	-12.1	-	-
X20RSM5	Rifled	1600	1160	952	889	1865	981	660	575	0.3	0.0	-2.0	-5.9	-12.1	-	-
X41RS5	Rifled	1830	1318	1025	946	651	338	204	174	0.3	0.0	-1.9	-5.8	-12.0	-	-



SLUGS

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WINCHESTER



SUPREME TURKEY & GAME LOADS

- ☐ If you demand superior patterning performance and knock down power, then load up with Supreme® High Velocity Turkey Loads—the most technologically advanced, hardest hitting turkey loads ever developed by Winchester. Each load features specialized components and improved powder that develop true magnum energy and a scorching muzzle velocity of 1300 feet per second.
- ☐ Supreme® High Velocity Field Loads set the performance standard for field loads. These high velocity loads feature superior components, specially blended propellants and extra hard, copperplated shot that delivers game stopping pattern performance at velocities up to 1400 feet per second.
- ☐ And, for true magnum payload performance, nothing beats Supreme® Double X® Magnum Turkey and Game Loads as the ultimate force in knock-down power.



Supreme Turkey & Game Loads

- ☐ Grex buffering for tightest pattern
- ☐ Copper-plated shot for long range patterning
- ☐ Hardest hitting lead
- ☐ High velocity

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Supreme® High-Velocity Turkey Loads—Copperplated, Buffered Shot						
10	STH10	3 1/2	N/A	1300	2	4, 5, 6
12	STH1235	3 1/2	N/A	1300	2	4, 5, 6
12	STH123	3	N/A	1300	1 3/4	4, 5, 6
Supreme® Double X® Magnum Turkey Loads—Copperplated, Buffered Shot						
NEW 10	X103XCT	3 1/2	4 1/2	1210	2 1/4	4, 5, 6
12	XXT12L	3 1/2	N/A	1150	2 1/4	4, 5, 6
12	X123MXCT	3	N/A	1125	2	4, 5, 6
12	X12HXCT	2 3/4	N/A	1250	1 5/8	4, 5, 6
20	X203XCT	3	N/A	1185	1 1/4	5
Supreme® High Velocity Field Loads—Copperplated Shot						
12	SFH12	2 3/4	N/A	1400	1 1/4	4, 5, 6, 7.5
20	SFH20	2 3/4	N/A	1300	1	4, 5, 6, 7.5
Supreme® Double X® Magnum Game Loads—Copperplated, Buffered Shot						
12	X123XC	3	4	1210	1 7/8	4, 6
12	X123MXC	3	4	1280	1 5/8	4, 6
12	X12XC	2 3/4	3 3/4	1260	1 1/2	4, 5, 6
20	X203XC	3	3	1185	1 1/4	4, 6
20	X20XC	2 3/4	2 3/4	1175	1 1/8	6, 7.5





SUPER-X GAME LOADS

- Winchester® Super-X® Super Pheasant Loads are an entirely new line of high performance, high-velocity shotshells with copper plated shot specifically designed for the hard-hitting, long distance needs of Pheasant hunters.
- For those hunters with their hearts set on larger upland birds, you can't go wrong with Winchester's Super-X High Brass Game Loads. The high brass construction, combined with a larger charge of specially blended propellant, gives you the faster, harder hitting loads you need for any hunting situation.



Super Pheasant

- Copper-plated hard shot
- High velocity
- Heavy shot weight
- Long distance power

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® Super-Pheasant Loads—Copper Plated						
<small>NEW</small> 12	X12PH	2 3/4	Max	1300	1 3/8	4, 5, 6,
<small>NEW</small> 20	X20PH	2 3/4	Max	1300	1	5, 6

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® Pheasant Loads						
<small>NEW</small> 12	X12P	2 3/4	N/A	1220	1 1/4	4, 5,

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® High Brass Game Loads						
12	X12	2 3/4	3 3/4	1330	1 1/4	4, 5, 6, 7.5, 8, 9
16	X16H	2 3/4	3 1/4	1295	1 1/8	4, 6, 7.5
20	X20	2 3/4	2 3/4	1220	1	4, 5, 6, 7.5, 8
28	X28H	2 3/4	Max	1205	1	6, 7.5, 8
410	X413	3	Max	1135	1 1/16	4, 6, 7.5
410	X41	2 1/2	Max	1245	1/2	4, 6, 7.5

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® Heavy Game/Field Loads						
12	XU12SP	2 3/4	3 1/4	1220	1 1/4	6, 7.5, 8,
12	XU12H	2 3/4	3 1/4	1255	1 1/8	4, 6, 7.5, 8
20	XU20H	2 3/4	2 1/2	1165	1	6, 7.5, 8

Gauge	Symbol	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
Super-X® Game Loads						
12	XU12	2 3/4	3 1/4	1290	1	6, 7.5, 8,
16	XU16	2 3/4	2 1/2	1165	1	6, 8
20	XU20	2 3/4	2 1/2	1210	7/8	6, 7.5, 8



UPLAND

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MUZZLELOADING COMPONENTS



Bring home the game this muzzleloading deer season by loading up with high performance Winchester® Supreme® Platinum Tip™ and Partition Gold® Hunting Bullets & Sabots and Winchester Muzzleloading Primers.



The NEW Supreme Platinum Tip Hollow Point bullet is a new benchmark in muzzleloading bullet design and performance—delivering superior accuracy, uniform expansion and massive energy deposit.

- ☐ High accuracy sabot design
- ☐ Ideal straightline ignition primer
- ☐ Partition Gold - deep penetrating & high weight retention
- ☐ Platinum Tip - massive energy deposit

Sabot Caliber	FFG or Equiv.		Bullet Wt. Grs.	Bullet Type	Quantity/ Carton	Velocity in Feet Per Second (fps)				Energy in Foot Pounds (ft-lbs.)				Trajectory Height in Inches								
	Charge Wt.	Symbol				Muzzle	50	75	100	125	Muzzle	50	75	100	125	25	50	75	100	125	150	175
Supreme® Hunting Bullets & Sabots																						
.45	150 gr.	WML45PTH	200 gr.	Platinum Tip HP	30	2450	2168	2034	1905	1781	2665	2086	1836	1611	1408	0.1	1.0	1.6	1.7	1.2	0.0	-2.0
.50	90 gr.	WML260P	260 gr.	Partition Gold	10	1650	1490	1417	1348	1284	1571	1282	1159	1049	952	0.3	1.2	1.1	0.0	-2.3	-6.0	-
.50	90 gr.	WML260PTH	260 gr.	Platinum Tip HP	30	1650	1490	1417	1348	1284	1571	1282	1159	1049	952	0.3	1.2	1.1	0.0	-2.3	-6.0	-
.54	120 gr.	WML54PTH	400 gr.	Platinum Tip HP	30	1700	1554	1485	1420	1359	2566	2144	1959	1791	1640	0.2	1.1	1.0	0.0	-2.1	-5.4	-

Winchester Muzzle-loading Primers

WML209	100
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Cartridge	Bullet Type	Symbol	Bullet Wt.	Rounds per Box	Rifle				Handgun			
					Velocity		Energy		Mid Range Traj. (100 yards)	Barrel Length (inches)	Muzzle Vel. (fps)	Muzzle Energy (ft. lbs)
					Muzzle	100 yds.	Muzzle	100 yds.				
22 Win. Mag Supreme	JHP	S22WM	34	50	2120	1435	338	155	1.4	-	-	-
22 Win. Mag	JHP	X22MH	40	50	1910	1326	324	156	1.7	6.5	1480	195
22 Win. Mag.	FMJ	X22M	40	50	1910	1326	324	156	1.7	6.5	1480	195
22 Win. Mag. Dynampoint	DP	USA22M	45	50	1550	1147	240	131	2.6	-	-	-
22 WRF	LFN*	22WRF	45	50	1300	1023	169	105	3.2	-	-	-
22 Power-Point	PP*	X22LRPP	40	50	1280	1001	146	89	3.5	6	1085	105
22 Long Rifle	LRN*	X22LR	40	50	1255	1017	140	92	3.6	6	1060	100
22 Long Rifle	LHP*	X22LRH	37	50	1280	1015	135	85	3.5	-	-	-
T22® Long Rifle	LRN-SV	XT22LR	40	50	1150	976	117	85	4	6	950	80
22 Wildcat®	LRN	WV22LR	40	50	1255	1017	140	92	3.6	6	1060	100
22 Long Rifle	LHP	XPERT22	36	500	1220	956	122	75	4.0	6	925	68
22 Long Rifle	#12 Shot	X22LRS	-	50	-	-	-	-	-	-	-	-
22 Short	Blank	X22SB	Blk. Pwd.	50	-	-	-	-	-	-	-	-
22 Short	LRN*	X22S	29	50	1095	903	77	52	4.5	6	1010	66

Abbreviations

LFN—Lead Flat Nose
DP—Dynampoint
* Lubaloy® Coated

LHP—Lead Hollow Point
FMJ—Full Metal Jacket

JHP—Jacketed Hollow Point
Blk. Pwd.—Black Powder

LRN—Lead Round Nose
SV—Standard Velocity

PP—Power Point



RIMFIRE

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PRIMERS

Symbol	Primer	Types
W209	#209	Shotgun Shells
WLR	#8-1/2 - 120	Large Rifle
WLRM	#8-1/2M - 120	Large Rifle Magnum
WSR	#6-1/2 - 116	Small Rifle
WSP	#1-1/2 - 108	Small Regular Pistol
WLP	#7 - 111	Large Regular Pistol
WSPM	#1-1/2M - 108	Small Magnum Pistol

HANDGUN BULLETS

Caliber	Nominal Bullet Diameter	Bullet Weight	Bullet Type	Symbol /Bag	Quantity
Consumer Pack Metallic Components (Plastic Bag)					
380	.356	95 gr.	FMJ	WB380MC95	100
38	.356	130 gr.	FMJ	WB38MC130	100
9mm	.355	115 gr.	STHP	WB9ST115	100
9mm	.355	115 gr.	FMJ-Flat Base	WB9FB115	100
9mm	.355	115 gr.	FMJ-Hollow Base	WB9MC115	100
9mm	.355	115 gr.	JHP-Notched	WB9JHP115	100
9mm	.355	147 gr.	STHP	WB9ST147	100
9mm	.355	147 gr.	JHP-Notched	WB9JHP147	100
9mm	.355	124 gr.	FMJ-Flat Base	WB9MC124	100
38/357	.357	110 gr.	JHP-Notched	WB38JHP110	100
38/357	.357	125 gr.	JHP-Notched	WB38JHP125	100
38/357	.357	145 gr.	STHP	WB357ST145	100
38/357	.357	158 gr.	JHP-Notched	WB357HP158	100
40/10mm	.400	155 gr.	STHP	WB40ST155	100
40/10mm	.400	165 gr.	Truncated Cone	WB40TC165	100
40/10mm	.400	175 gr.	STHP	WB40ST175	100
40/10mm	.400	180 gr.	Truncated Cone	WB40TC180	100
40/10mm	.400	180 gr.	JHP-Notched	WB40JHP180	100
44	.430	210 gr.	STHP	WB44ST210	100
44	.430	240 gr.	HSP-Notched	WB44HSP240	100
45	.451	230 gr.	FMJ	WB45MC230	100
45	.451	230 gr.	JHP-Notched	WB45JHP230	100

NOTE: Use with reload data published for jacketed bullets of the same caliber and weight.

RIFLE BULLETS

Caliber	Nominal Bullet Diameter	Bullet Weight	Bullet Type	Symbol	Quantity /Bag
Consumer Pack Metallic Components (Plastic Bag)					
22	.224	46 gr.	HP	WB22HP46	100
22	.224	50 gr.	PSP	WB222PSP50	100
22	.224	55 gr.	FMJBT	WB556MC55	100
22	.224	55 gr.	PSP	WB223PSP55	100
22	.224	64 gr.	PP	WB223PP64	100
243	.243	80 gr.	PSP	WB243PSP80	100
270	.277	130 gr.	PP	WB270PP130	100
7mm	.284	150 gr.	PP	WB7PP150	100
7.62	.310	123 gr.	PP	WB762PP123	100
30	.308	147 gr.	FMJBT	WB762M147	100
30	.308	150 gr.	PP	WB30PP150	100
30 (30-30)	.308	150 gr.	PPFN	WB30FN150	100
30 (308)	.308	180 gr.	PP	WB308SP180	100
44 (44-40)	.426	200 gr.	SP	WB44SP200	100

NOTE: Use with reload data published for jacketed bullets of the same caliber and weight.

UNPRIMED HANDGUN SHELLCASES

Cartridge	Symbol	Quantity/Bag
Consumer Pack Metallic Components (Plastic Bag)		
380 Automatic	WSC380AU	100
30 Luger	WSC30LU	100
32 Smith & Wesson	WSC32SWU	100
32 Short Colt	WSC32SCU	100
38 Special	WSC38SU	100
9mm Luger	WSC9U	100
38 Super Auto +P	WSC38AS+U	100
9x23mm	WSC923WU	100
357 Sig	WSC357SIGU	100
357 Magnum	WSC357MU	100
40 Smith & Wesson	WSC40SWU	100
10mm Auto	WSC10MMU	100
41 Rem. Mag.	WSC41RMU	100
44 Smith & Wesson	WSC44SWU	100
44 Rem. Mag.	WSC44MU	100
45 Automatic	WSC45AU	100
45 G.A.P.	WSC45GU	100
45 Colt	WSC45COLTU	100
454Casull	WSC454CU	100

PROPELLANTS

Symbol*	Type	Unit
231		
W2311BP	Handgun	1 lb.
W2314BP	Handgun	4 lbs.
W2318BP	Handgun	8 lbs.
296		
W2961BP	Mag. Handgun & .410 Shotshell	1 lb.
W2964BP	Mag. Handgun & .410 Shotshell	4 lbs.
W2968BP	Mag. Handgun & .410 Shotshell	8 lbs.
Super-Target®		
WST1BP	Shotshell & Handgun	1 lb.
WST4BP	Shotshell & Handgun	4 lbs.
WST8BP	Shotshell & Handgun	8 lbs.
Super-Field®		
WTF1BP	Shotshell & Handgun	1 lb.
WTF4BP	Shotshell & Handgun	4 lbs.
WTF8BP	Shotshell & Handgun	8 lbs.
748		
W7481BP	Rifle	1lb.
W7488P	Rifle	8lbs.
760		
W7601BP	Rifle	1 lb.
W7608BP	Rifle	8 lbs.
WXR		
WXR1BP	Rifle Extruded	1 lb.
WXR8BP	Rifle Extruded	8 lbs.

NOTE: Use with reload data published for jacketed bullets of the same caliber and weight.

UNPRIMED RIFLE SHELLCASES

Cartridge	Symbol	Quantity/Bag
Consumer Pack Metallic Components (Plastic Bag)		
218 Bee	WSC218BU	50
22 Hornet	WSC22HU	50
22-250 Rem.	WSC22250U	50
220 Swift	WSC220SU	50
222 Rem.	WSC222RU	50
223 Rem.	WSC223RU	50
223 WSSM	WSC223WSSU	50
225 Win.	WSC225WU	50
243 Win.	WSC243WU	50
243 WSSM	WSC243WSSU	50
6mm Rem.	WSC6MMRU	50
25 WSSM	WSC25WSSU	50
25-06 Rem.	WSC2506RU	50
25-20 Win.	WSC2520U	50
25-35 Win.	WSC2535WU	50
250 Savage	WSC250SU	50
257 Roberts +P	WSC257PU	50
264 Win. Mag.	WSC264WMU	50
6.5x55 Swedish	WSC6555SU	50
270 Win.	WSC270WU	50
270 WSM	WSC270WSMU	50
280 Rem.	WSC280RU	50
284 Win.	WSC284WU	50
7mm-08 Rem.	WSC708RU	50
7mm Mauser	WSC7MMAU	50
7mm Rem. Mag.	WSC7MMRU	50
7mm STW	WSC7STWU	50
7mm WSM	WSC7MMWSMU	50
30 Carbine	WSC30CU	50
30-30 Win.	WSC3030WU	50
30-06 Springfield	WSC3006SFU	50
30-40 Krag	WSC3040KU	50
300 WSM	WSC300WSMU	50
300 Win. Mag.	WSC300WMU	50
300 Savage	WSC300SU	50
300 H&H Mag.	WSC300HHU	50
303 British	WSC303BU	50
307 Win.	WSC307U	50
308 Win.	WSC308WU	50
32 Win. Special	WSC32WSU	50
32-40 Win.	WSC3240WU	50
7.62x39mm	WSC762X39U	50
32-20 Win.	WSC3220U	50
8mm Mauser	WSC8MMAU	50
338 Win. Mag.	WSC338WMU	50
348 Win.	WSC348WMU	50
35 Rem.	WSC35REMU	50
356 Win.	WSC356U	50
358 Win.	WSC358U	50
375 Win.	WSC375WU	50
375 H&H Mag.	WSC375HHU	50
38-40 Win.	WSC3840U	50
38-55 Win.	WSC3855WU	50
44-40 Win.	WSC4440WU	50
45-70 Government	WSC4570GU	50
458 Win. Mag.	WSC458WMU	50

SHOTSHELL WADS

Symbol	Gauge	Optimum	Description	Shot Wt.	Color
WAA12L	12	7/8 oz.	For 7/8 to 1 ounce loads.		Gray
WAA12	12	1-1/8 oz.	For 1 to 1-5/8 ounce loads.		White
WAA12R	12	1-1/2 oz.	For 1-1/8 to 1-7/8 ounce loads.		Red
WAA12F114	12	1-1/4 oz.	For 1-1/4 ounce loads.		Yellow
WAA12SL	12	1 oz. & 1-1/8 oz.	For 1 to 1-1/8 ounce loads but can be used anywhere 1 ounce F1wad was recommended.		Pink
WT12	12	1-1/8 oz.	For 1 to 1-5/8 oz. loads.		Orange
WAA20	20	7/8 oz.	For 7/8 to 1-1/4 ounce loads.		White
WAA28	28	3/4 oz.	Used in most 28 gauge loads.		Pink
WAA28HS	28	3/4 oz.	Used in new HS Hull Only		Red
WAA41	.410	1/2 oz.	Used in field and target loads in 2-1/2 or 3" cases.		White
WAA410HS	.410	1/2 oz.	Used in new HS Hull Only		Red

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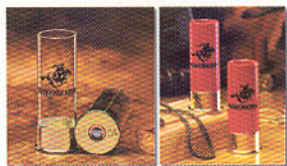
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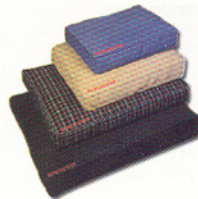
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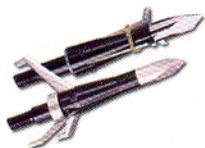
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