

The American Legend™

**WINCHESTER**  
A M M U N I T I O N



2008 PRODUCT GUIDE



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## ISO 9001-2000 CERTIFIED

THE QUALITY MANAGEMENT SYSTEM OF WINCHESTER AMMUNITION IS ISO 9001-2000 CERTIFIED, WHICH TO A WINCHESTER CUSTOMER MEANS: WINCHESTER COMMITS TO MEETING CUSTOMER EXPECTATIONS 100 PERCENT OF THE TIME UTILIZING THE CONTINUAL IMPROVEMENT PROCESS.

**H**unt camp ... it can be a log cabin nestled in the Adirondacks, a pitched tent in the Gila Wilderness, or your kitchen table at 4 a.m. with coffee brewing. No matter the game—whitetail, waterfowl, elk, or turkey—sharing the pursuit with familiar faces makes hunt camp a tradition ... and for decades these traditions have included the Winchester brand.

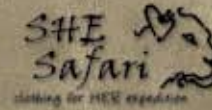
For more than 140 years, Winchester® ammunition, firearms, and hundreds of other Winchester products have filled the gear bags of sportsmen. It's a trusted brand built on innovation and performance; and in 2008, 'The American Legend' continues to build on its superior line of products and legendary image.

The 2008 Winchester Ammunition Product Guide is a perfect fit for the hunt camp ... or any favorite retreat. It's loaded with vintage Winchester artwork—some pieces originated in the late 1800s—2008 new products, updated ballistics and technical tips that will help you become a better hunter and shooter.

This is your guide to some of the finest ammunition in the world ... and we're the brand that continues to promote your passions ... Winchester.

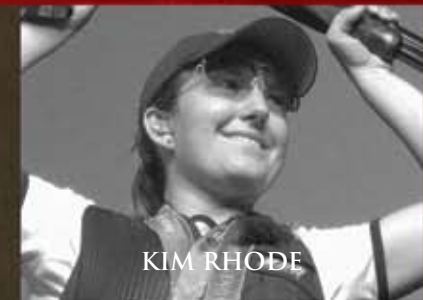


WINCHESTER LEGENDS™ IS PROUDLY SPONSORED BY THESE FINE COMPANIES



Aside from producing some of the world's finest ammunition, Winchester searches for innovative ways to reach, inform and entertain its customers. Here is just a snapshot of what's to come in 2008 from Winchester:

- Four TV series will carry the horse and rider logo on the Versus network—Winchester Legends, Winchester Whitetail Revolution, Winchester Turkey Revolution and Winchester World of Whitetail.
- Winchester® AA® shotshells are the official ammunition of the USA Shotgun Shooting Team, including three-time medalist Kim Rhode. The team will compete against the worlds best in the 2008 Olympics in Beijing using Winchester ammunition.
- Winchester will unveil its new Web site—[www.winchester.com](http://www.winchester.com)—redesigned with a ballistics calculator, easier-to-find product information and target shooting and hunting tips.
- Winchester and the National Rifle Association (NRA) are partnering in a major way. Winchester pledged \$500,000 to the NRA to help fund the Winchester/NRA Marksman Qualification Program. For more information on the program see the back cover.
- Exhibition shooter Patrick Flanigan, continues to set new world records using the famous Winchester AA ammunition. Flanigan currently holds several world records and performs at many events throughout the country.



KIM RHODE



PATRICK FLANIGAN



## OUR COMMITMENT TO CONSERVATION, THE SHOOTING SPORTS AND OUR HUNTING HERITAGE



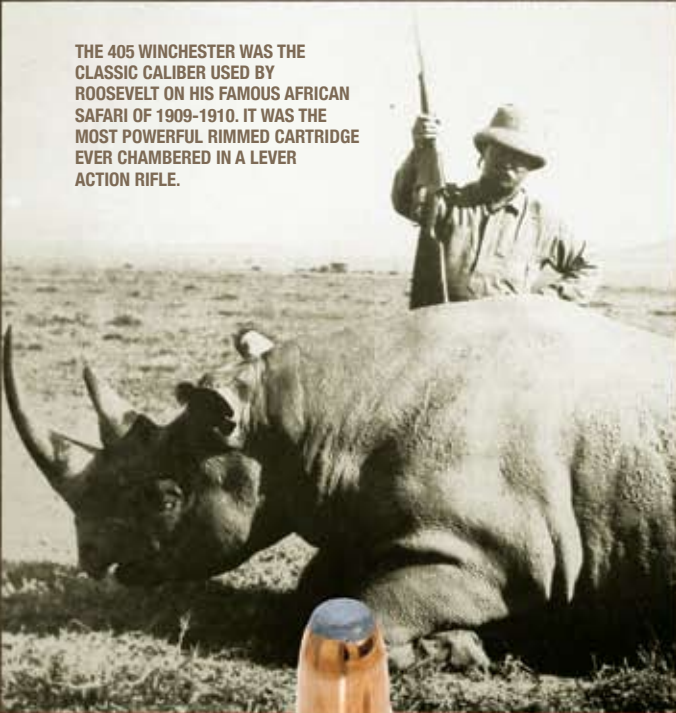
THEODORE ROOSEVELT IS SHOWN HOLDING HIS WINCHESTER MODEL 1876 RIFLE IN .45-70 CALIBER.

Few individuals in America's history have shown such dedication and commitment to the protection and conservation of our country's natural and wildlife resources as Theodore Roosevelt, the 26th President of the United States.

As an avid hunter and outdoorsman, Roosevelt viewed nature as part of our nation's history and national identity. During his presidency, he created five National Parks, four Big Game Refuges, 51 National Bird Reservations, the National Forest Service and the Boone & Crockett Club.

Like Theodore Roosevelt, Winchester believes that preserving our natural resources is crucial to ensuring the future of the shooting sports and preserving our country's great outdoor heritage. By dedicating people, time and resources, Winchester has been, and will continue to be, a leading force in supporting conservation and hunter education in all its forms.

THE 405 WINCHESTER WAS THE CLASSIC CALIBER USED BY ROOSEVELT ON HIS FAMOUS AFRICAN SAFARI OF 1909-1910. IT WAS THE MOST POWERFUL RIMMED CARTRIDGE EVER CHAMBERED IN A LEVER ACTION RIFLE.



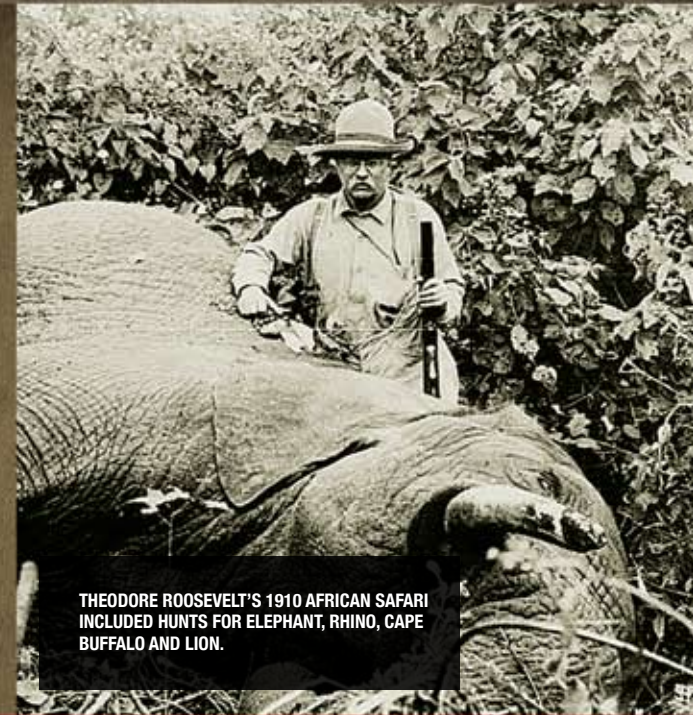
## 2008 COLLECTOR'S SERIES—THEODORE ROOSEVELT™ 150-YEAR ANNIVERSARY CARTRIDGES

Roosevelt's legacy as a hero and sportsman is carried on by Winchester Ammunition in 2008. As a leader in conservation, the shooting sports and the preservation of the hunting tradition—Winchester Ammunition commemorates 150 years of Theodore Roosevelt in 2008, with a limited edition collector's set of ammunition.

The Theodore Roosevelt™ limited edition cartridges are available in three of the most popular calibers of the early 1900s: The 405 Winchester with a 300-grain Soft Point bullet—used extensively on his famous African Safari of 1909-1910; the 30-30 Winchester with a 150-grain Power Point® bullet; and the 45 Colt with a 250-grain Lead Flat Nose bullet.

The Theodore Roosevelt limited edition cartridges feature nickel-plated shellcases, a specially designed Roosevelt headstamp, and come in collectible, embossed packaging.





THEODORE ROOSEVELT'S 1910 AFRICAN SAFARI INCLUDED HUNTS FOR ELEPHANT, RHINO, CAPE BUFFALO AND LION.

## WINCHESTER® SAFARI LOADS

From plains game to dangerous game, the Winchester new safari product line is ideal for that hunt of a lifetime.

These high-energy safari loads are available in four popular calibers with two bullet types. Winchester and Nosler created the custom-loaded cartridges featuring nickel plated shellcases, and topped with either a Nosler® solid bullet for very large, dangerous game, or a traditional Nosler Partition for thin-skinned dangerous and plains game.

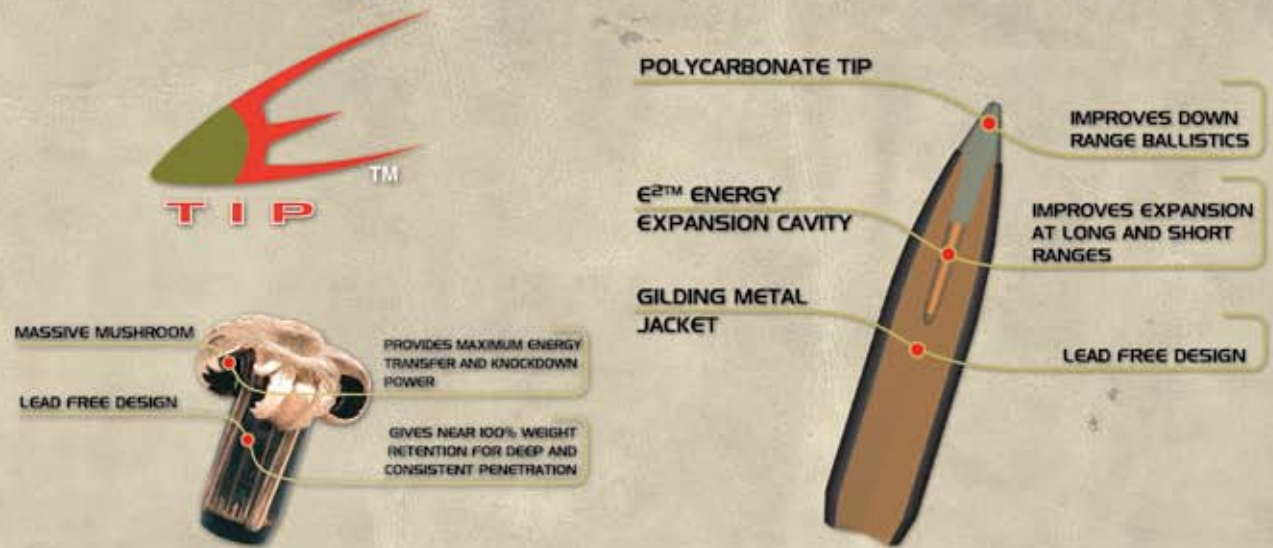
Each Winchester® safari load delivers accurate and critical game stopping, on-target energy needed for dangerous safari game hunting. For your convenience, Winchester safari loads come packed in high quality, reusable 20-round plastic packs.

With the introduction of the safari load line, Winchester also brings back number '4' in the Game Guide to better help identify the ideal cartridge for your intended game. Cartridges with the Game Guide designation '4' are most effective on the largest, most dangerous game.

Cartridge	Bullet Weight	Bullet Type	Game Guide
▶ 375 H&H	300	Nosler® Partition®	3/4
▶ 375 H&H	300	Nosler Solid	4
▶ 416 Rem-Mag	400	Nosler Partition	3/4
▶ 416 Rem-Mag	400	Nosler Solid	4
▶ 416 Rigby	400	Nosler Partition	3/4
▶ 416 Rigby	400	Nosler Solid	4
▶ 458 Win-Mag	500	Nosler Partition	3/4
▶ 458 Win-Mag	500	Nosler Solid	4

▶ NEW PRODUCT

## NEW PRODUCTS



## WINCHESTER® SUPREME® E-TIP™

Lead free and lethal on big game—it's the new Winchester Supreme E-Tip bullet.

Developed by Winchester and Nosler, the E-Tip bullet—like all Winchester® rifle bullets—is made from gilding metal, the preferred bullet material for decades. Gilding metal, an alloy of copper and zinc, provides a stronger more robust bullet and reduces barrel fouling and engraving forces compared to pure copper bullets.

E-Tip ammunition is designed with the E<sup>2</sup>™ Energy Expansion Cavity, which promotes expansion at long and short ranges; and a massive mushroom for deep penetration and wound channels.

The E-Tip bullet is designed to meet pending state game laws that require lead free cartridges for hunting without sacrificing performance in the field.

The new Supreme E-Tip™ loaded exclusively by Winchester—offering hunters a high performance, lead-free bullet option for big-game hunting.





## WINCHESTER® 325 WSM XP<sup>3</sup>™

Power. Penetration. Precision accuracy. It's the Winchester Supreme Elite XP<sup>3</sup> bullet—now offered in 325 WSM, with a 200-grain bullet.

By design, the Winchester XP<sup>3</sup> bullet is the most versatile in the Winchester centerfire line. Constructed for massive knockdown power on thin and thick skinned game—from whitetail to moose in body size—the XP<sup>3</sup> bullet in 270, 7mm, and 30 caliber, has become a favorite among deer hunters since its introduction in 2006.

Engineered for two-stage expansion and optimum accuracy, the XP<sup>3</sup> is tough on bone and muscle, and fatal at long and short range. The Winchester Supreme Elite XP<sup>3</sup>, delivering the best because that's what you expect.







## WINCHESTER® 460 S&W MAGNUM REDUCED RECOIL

THE LEADER IN BIG BORE  
HUNTING AMMUNITION

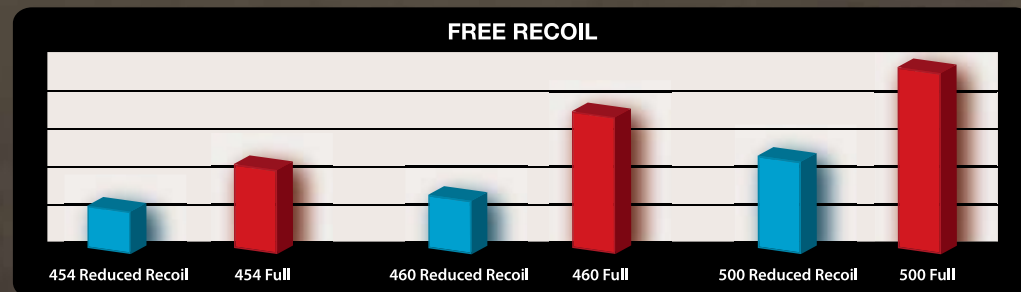
Cartridge	Bullet Weight	Bullet Type	Muzzle Velocity	Muzzle Energy
41 Rem-Mag	240	Platinum Tip®	1250	833
44 Rem-Mag	250	Platinum Tip	1250	867
44 Rem-Mag	250	Partition Gold®	1230	840
44 Rem-Mag	240	HSP	1180	741
45 Win Mag	260	JHP	1200	831
454 Casull	260	Platinum Tip	1800	1870
454 Casull	260	Partition Gold	1800	1870
*454 Casull	250	JHP	1300	938
460 S&W Mag	260	Partition Gold	2000	2309
▶ *460 S&W Mag	250	JHP	1450	1167
500 S&W Mag	400	Platinum Tip	1800	2877
*500 S&W Mag	350	JHP	1400	1523

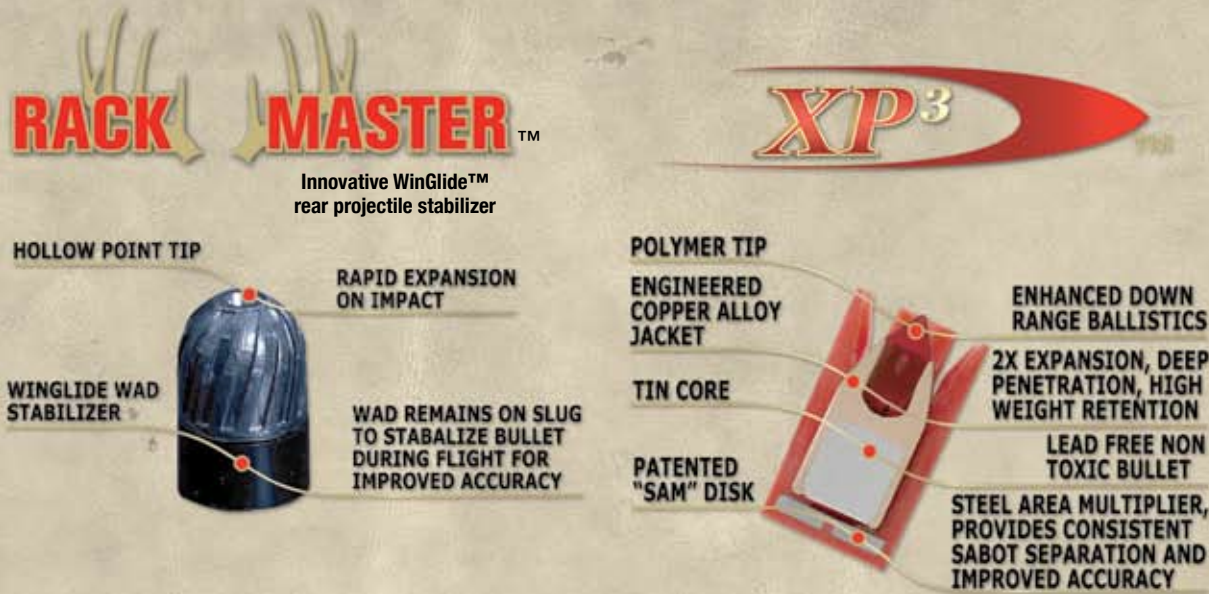
\* Reduced recoil ▶ NEW PRODUCT

Winchester is a leader in the highly popular big-bore handgun hunting market with high-performance new products.

The new 460 S&W Magnum Reduced Recoil cartridge is the latest addition to the Winchester extensive “big bore” product line.

Featuring a 250-grain Jacketed Hollow Point bullet, the new 460 S&W Magnum reduced recoil load is great for extended target practice sessions at the range—while delivering the on-target knock-down performance for serious hunting applications.





## SUPREME ELITE™ XP3™ SABOT & SUPREME® RACKMASTER™ SLUGS

### SUPREME ELITE™ XP3™ SABOT SLUG

The Supreme Elite XP3 Sabot Slug is now available in a 3-inch load. Designed as the most accurate and powerful slug ever developed by Winchester for rifled-barreled shotguns—the new 3-inch, 300-grain XP3 sabot launches at 2100 feet per second.

The XP3 sabot slug is based on a similar design and performance as the XP3 rifle bullet, combining all the best-known technical features offered by Winchester.

### SUPREME® RACKMASTER™ SLUG

Winchester extends its Supreme RackMaster slug line with a 3-inch shotshell featuring a 1-1/8 ounce projectile moving at an impressive 1700 feet per second.

The all-purpose Rackmaster shotgun slugs are designed to bring new levels of accuracy and on-target performance to your favorite smooth-bore shotgun. The RackMaster slug also delivers the same accurate, game-bagging, on-target performance to hunters shooting shotguns with smooth bore, rifled choke tubes or fully rifled barrels.





## WINCHESTER® RIMFIRE AMMUNITION

Whether you're hunting, competing, or just plinking; Winchester has the complete line of rimfire ammunition to meet all your shooting needs.

Several new products are in the lineup for 2008 including:

- 22 Win. Mag, Supreme, 30-grain Jacketed Hollow Point
- 22 Long Rifle, Super-X, 40-grain, 1435 fps, Lead Hollow Point, Lubaloy plated
- 22 Long Rifle, Super-X Super Speed, 40-grain Lead Round Nose, Lubaloy plated
- 22 Long Rifle, Super-X Power-Point, 40 grain Power Point, Lubaloy, plated
- 22 Long Rifle, Super-X Sub-Sonic, 40-grain Lead Hollow Point
- 22 Long Rifle, Super-X Super Speed, 37-grain Lead Hollow Point, Lubaloy plated
- 22 Long, Super-X CB Match, 29-grain Lead Round Nose

Winchester's full line of versatile rimfire cartridges has been the choice of sportsmen, women and young shooters for decades. It's dependability and innovation you have come to trust in Winchester rimfire ammunition and, as a result, our product line continues to expand and exceed our customers' expectations.



# SUPREME ELITE™ & SUPREME® CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt.		Bullet Type	Game Guide	Muzzle	Velocity in Feet Per Second (fps)					Muzzle	Energy in Foot Pounds (ft-lbs.)				
		(Grs.)	B.C.				100	200	300	400	500		100	200	300	400	500
204 Ruger	SBST204R	32	0.206	Ballistic Silvertip®	1	4050	3482	2984	2537	2132	1767	1165	862	632	457	323	222
22-250 Remington	SBST22250	50	0.238	Ballistic Silvertip	1	3810	3341	2919	2536	2182	1859	1611	1239	946	714	529	384
22-250 Remington	SBST22250B	55	0.267	Ballistic Silvertip	1	3680	3272	2900	2558	2240	1946	1654	1307	1027	799	613	462
223 Remington	SBST223	50	0.238	Ballistic Silvertip	1	3410	2982	2593	2235	1907	1613	1291	987	746	555	404	289
223 Remington	SBST223B	55	0.267	Ballistic Silvertip	1	3240	2871	2531	2215	1923	1657	1282	1006	782	599	451	335
223 WSSM	SBST223SS	55	0.276	Ballistic Silvertip	1	3850	3438	3064	2721	2402	2105	1810	1444	1147	904	704	541
243 Winchester	SXP243W	95	0.411	XP <sup>3</sup> ™	2	3100	2864	2641	2428	2225	2032	2027	1730	1471	1243	1044	871
243 Winchester	SBST243	55	0.276	Ballistic Silvertip	1	3910	3493	3114	2766	2444	2144	1867	1489	1184	934	729	562
243 Winchester	SBST243A	95	0.400	Ballistic Silvertip	2	3100	2854	2626	2410	2203	2007	2021	1719	1455	1225	1024	850
243 WSSM	SXP243WSS	95	0.411	XP <sup>3</sup>	2	3150	2912	2686	2471	2266	2071	2093	1788	1521	1287	1083	904
243 WSSM	SBST243SS	55	0.276	Ballistic Silvertip	1	4060	3628	3237	2880	2550	2243	2013	1607	1280	1013	794	614
243 WSSM	SBST243SSA	95	0.401	Ballistic Silvertip	2	3150	2905	2674	2453	2244	2045	2093	1780	1508	1270	1062	882
25 WSSM	S25WSSCT	110	0.420	AccuBond™ CT®	2	3100	2870	2651	2442	2243	2053	2347	2011	1716	1456	1228	1029
25 WSSM	SBST25WSS	85	0.333	Ballistic Silvertip	1	3470	3156	2863	2589	2331	2088	2273	1880	1548	1266	1026	823
25 WSSM	SBST25WSSA	115	0.446	Ballistic Silvertip	2	3060	2844	2639	2442	2254	2074	2392	2066	1778	1523	1298	1099
25-06 Remington	S2506CT	110	0.420	AccuBond CT	2	3100	2870	2651	2442	2243	2053	2347	2011	1716	1456	1228	1029
25-06 Remington	SBST2506A	85	0.333	Ballistic Silvertip	1	3470	3156	2863	2589	2331	2088	2273	1880	1548	1266	1026	823
25-06 Remington	SBST2506	115	0.446	Ballistic Silvertip	2	3060	2844	2639	2442	2254	2074	2392	2066	1778	1523	1298	1099
270 Winchester	SXP270WA	130	0.436	XP <sup>3</sup>	2/3	3050	2830	2621	2420	2229	2047	2685	2311	1982	1691	1434	1209
270 Winchester	SXP270W	150	0.503	XP <sup>3</sup>	2/3	2950	2763	2583	2411	2245	2086	2898	2542	2223	1936	1679	1449
270 Winchester	S270CT	140	0.472	AccuBond CT	2	2950	2751	2560	2378	2203	2035	2705	2352	2038	1757	1508	1287
270 Winchester	SBST270	130	0.433	Ballistic Silvertip	2	3050	2828	2618	2416	2224	2040	2685	2309	1978	1685	1428	1202
270 WSM	SXP270SA	130	0.436	XP <sup>3</sup>	2/3	3275	3043	2824	2614	2415	2224	3096	2673	2301	1973	1683	1427
270 WSM	SXP270S	150	0.503	XP <sup>3</sup>	2/3	3120	2926	2740	2561	2389	2224	3242	2850	2499	2184	1901	1648
270 WSM	S270WSMCT	140	0.472	AccuBond CT	3	3200	2989	2789	2579	2413	2236	3184	2779	2418	2097	1810	1555
270 WSM	SBST2705	130	0.432	Ballistic Silvertip	2	3275	3041	2820	2609	2408	2215	3096	2669	2295	1964	1673	1416
270 WSM	SBST2705A	150	0.496	Ballistic Silvertip	2	3120	2923	2734	2554	2380	2213	3242	2845	2490	2172	1886	1613
280 Remington	SBST280	140	0.485	Ballistic Silvertip	2	3040	2842	2653	2471	2297	2130	2872	2511	2187	1898	1640	1410
7mm-08 Remington	SBST708	140	0.454	Ballistic Silvertip	2	2770	2572	2382	2200	2026	1860	2386	2056	1764	1504	1276	1076
7mm WSM	SXP7WSM	160	0.512	XP <sup>3</sup>	2/3	3050	2862	2682	2509	2342	2182	3304	2910	2555	2235	1948	1691
7mm WSM	S7MMWSMCTA	140	0.460	AccuBond™ CT®	2	3225	3008	2801	2604	2415	2233	3233	2812	2439	2107	1812	1550
7mm WSM	S7MMWSMCT	160	0.512	AccuBond CT	3	3050	2862	2682	2509	2342	2182	3306	2911	2556	2237	1950	1692
7mm WSM	SBST7MMS	140	0.460	Ballistic Silvertip®	2	3225	3008	2810	2603	2414	2233	3233	2812	2438	2106	1812	1550
7mm Remington Mag.	SXP7RM	160	0.512	XP <sup>3</sup>	2/3	2950	2766	2590	2420	2257	2100	3091	2718	2382	2080	1809	1599
7mm Remington Mag.	S7MMCTA	140	0.460	AccuBond CT	2	3180	2965	2760	2565	2377	2197	3143	2733	2368	2044	1756	1501
7mm Remington Mag.	S7MMCT	160	0.512	AccuBond CT	3	2950	2766	2590	2420	2257	2099	3091	2718	2382	2080	1809	1566
7mm Remington Mag.	SBST7A	140	0.460	Ballistic Silvertip	2	3110	2899	2697	2504	2319	2142	3008	2612	2261	1949	1671	1426
7mm Remington Mag.	SBST7	150	0.493	Ballistic Silvertip	2	3100	2903	2714	2533	2359	2192	3200	2806	2453	2136	1853	1600
30-30 Winchester	SBST3030	150	0.232	Ballistic Silvertip	2/3	2390	2040	1723	1447	1225	1072	1902	1386	989	697	499	383
▶ 30-06 Springfield	S3006ET	180	0.523	E-Tip™	3	2750	2578	2412	2252	2099	1951	3022	2655	2325	2027	1760	1521

▶ NEW PRODUCT

**BALLISTIC COEFFICIENT (BC):** The "Ballistic Coefficient" or B.C. of a projectile (bullet) is a measure of its efficiency in flight or how well it is able to overcome air resistance. The higher the ballistic coefficient, the less velocity a bullet will lose over distance—resulting in less drop at longer ranges and more energy on target. So, for long range hunting or target shooting, the higher the B.C. the better. See Winchester's new Ballistic Calculator on the Winchester website, coming in 2008.

# GAME GUIDE



1 Prairie Dog, Marmots, Coyote, Fox



2 Light Thin Skin Game: Whitetail Deer, Antelope, Mule Deer, Black Bear



3 Large Heavy Game: Elk, Moose, Brown Bear, Caribou, Eland



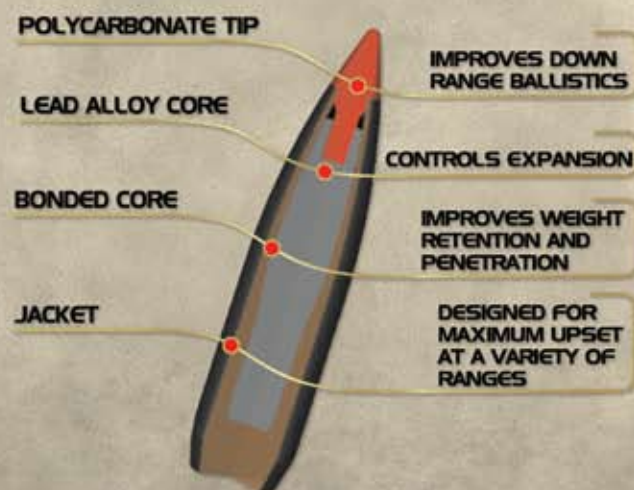
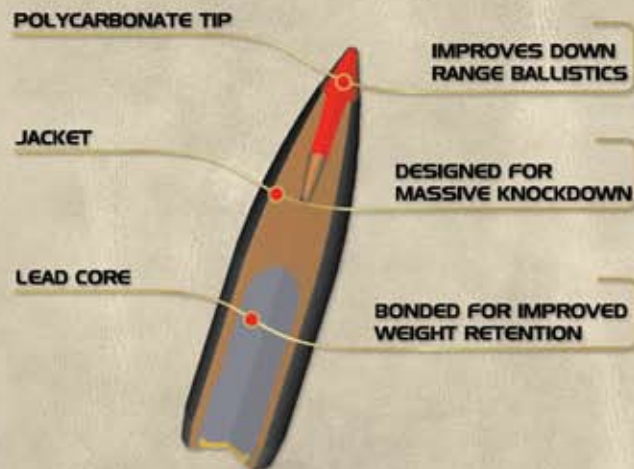
4 Extra Large, Dangerous African Game: Elephant, Cape Buffalo

Trajectory, Short Range Yards					Trajectory, Long Range Yards				
50	100	200	300	400	100	200	300	400	500
-0.4	0	-1.4	-6.7	-17.5	0.7	0	-4.6	-14.7	-32.6
-0.4	0	-1.6	-7.4	-18.6	0.8	0	-4.9	-15.2	-32.9
-0.4	0	-1.8	-7.7	-18.9	0.9	0	-5.0	-15.4	-32.8
-0.3	0	-2.4	-10.1	-24.7	1.2	0	-6.4	-19.8	-42.8
-0.3	0	-2.7	-10.9	-26.3	1.4	0	-6.8	-20.8	-44.3
-0.4	0	-1.5	-6.6	-16.5	0.7	0	-4.4	-13.6	-28.8
-0.3	0	-2.7	-10.5	-24.1	1.4	0	-6.4	-18.7	-38.0
-0.4	0	-1.4	-6.3	-15.9	0.7	0	-4.3	-13.1	-27.7
-0.3	0	-2.8	-10.6	-24.4	1.4	0	-6.4	-18.9	-38.4
-0.3	0	-2.6	-10.0	-23.2	1.3	0	-6.1	-18.0	-36.6
-0.5	0	-1.2	-5.6	-14.3	0.6	0	-3.9	-12.0	-25.5
-0.3	0	-2.6	-10.1	-23.4	1.3	0	-6.2	-18.2	-37.1
-0.3	0	-2.7	-10.4	-24.0	1.4	0	-6.3	-18.5	-37.6
-0.4	0	-2.0	-8.3	-19.7	1.0	0	-5.2	-15.7	-32.5
-0.3	0	-2.8	-10.6	-24.3	1.4	0	-6.4	-18.6	-37.7
-0.3	0	-2.7	-10.4	-24.0	1.4	0	-6.3	-18.5	-37.6
-0.4	0	-2.0	-8.3	-19.7	1.0	0	-5.2	-15.7	-32.5
-0.3	0	-2.8	-10.6	-24.3	1.4	0	-6.4	-18.6	-37.7
-0.2	0	-2.8	-11.0	-25.0	1.4	0	-6.5	-19.0	-38.0
-0.2	0	-3.1	-11.3	-25.6	1.5	0	-6.7	-19.5	-39.1
-0.2	0	-3.1	-11.5	-26.1	1.6	0	-6.9	-19.9	-40.1
-0.2	0	-2.8	-10.8	-24.7	1.4	0	-6.5	-18.9	-38.4
-0.3	0	-2.3	-8.9	-20.6	1.1	0	-5.5	-16.1	-32.7
-0.3	0	-2.6	-9.8	-22.3	1.3	0	-5.9	-17.1	-34.5
-0.3	0	-2.4	-9.3	-21.3	1.2	0	-5.7	-16.5	-33.3
-0.3	0	-2.3	-8.9	-20.7	1.1	0	-5.5	-16.1	-32.8
-0.3	0	-2.6	-9.8	-22.4	1.3	0	-5.9	-17.2	-34.7
-0.2	0	-2.8	-10.6	-24.0	1.4	0	-6.3	-18.4	-37.0
-0.1	0	-3.8	-13.7	-30.8	1.9	0	-8.0	-23.2	-46.9
-0.3	0	-2.7	-10.3	-23.5	1.4	0	-6.2	-18.0	-36.1
-0.3	0	-2.3	-9.1	-21.2	1.2	0	-5.6	-16.4	-33.1
-0.3	0	-2.7	-10.3	-23.5	1.4	0	-6.2	-17.9	-36.0
-0.3	0	-2.3	-9.1	-21.1	1.2	0	-5.6	-16.4	-33.1
-0.2	0	-3.0	-11.3	-25.5	1.5	0	-6.7	-19.4	-38.9
-0.3	0	-2.5	-9.5	-21.8	1.2	0	-5.8	-16.9	-34.2
-0.2	0	-3.0	-11.3	-25.5	1.5	0	-6.7	-19.4	-38.9
-0.3	0	-2.6	-10.1	-23.1	1.3	0	-6.1	-17.8	-35.9
-0.3	0	-2.6	-10.0	-22.8	1.3	0	-6.0	-17.5	-35.1
0.4	0	-7.5	-27.0	-63.0	3.8	0	-15.6	-47.9	-
-0.1	0	-3.7	-13.5	-30.0	1.9	0	-7.9	-22.6	-45.2

● INDICATES BALLISTIC DATA GENERATED FROM 20" BARREL LENGTH. ALL OTHER BALLISTIC DATA GENERATED FROM 24" BARREL LENGTH.

\*\* INTENDED FOR USE IN FAST TWIST BARRELS (E.G., 1 IN 7 TO 1 IN 9). SLOWER TWIST BARRELS MAY NOT SUFFICIENTLY STABILIZE BULLET.

# ALSO ACCEPTABLE FOR USE IN PISTOLS AND REVOLVERS.



# SUPREME ELITE™ & SUPREME® CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt.		Bullet Type	Game Guide	Muzzle	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft.-lbs.)					
		(Grs.)	B.C.				100	200	300	400	500	Muzzle	100	200	300	400	500
30-06 Springfield	SXP3006	180	0.527	XP <sup>3™</sup>	2/3	2750	2579	2414	2280	2103	1957	3022	2658	2330	2034	1768	1530
30-06 Springfield	SXP3006A	150	0.437	XP <sup>3</sup>	2/3	2925	2712	2508	2313	2127	1950	2849	2448	2095	1782	1507	1266
30-06 Springfield	S3006CT	180	0.509	AccuBond™ CT®	3	2750	2573	2403	2239	2082	1931	3022	2646	2308	2004	1732	1491
30-06 Springfield	SBST3006	150	0.435	Ballistic Silvertip®	2	2900	2687	2483	2289	2103	1926	2801	2404	2054	1745	1473	1236
30-06 Springfield	SBST3006A	168	0.475	Ballistic Silvertip	2	2790	2599	2416	2240	2072	1911	2903	2520	2177	1872	1601	1362
30-06 Springfield	SBST3006B	180	0.507	Ballistic Silvertip	2	2750	2572	2402	2237	2080	1928	3022	2644	2305	2001	1728	1486
▶ 300 WSM	S300SET	180	0.523	E-Tip™	3	3010	2827	2652	2484	2321	2165	3621	3195	2811	2465	2153	1873
300 WSM	SXP300S	180	0.527	XP <sup>3</sup>	2/3	3010	2829	2655	2488	2326	2171	3621	3198	2817	2473	2162	1883
300 WSM	SXP300SA	150	0.437	XP <sup>3</sup>	2/3	3300	3068	2847	2637	2437	2246	3626	3134	2699	2316	1978	1679
300 WSM	S300WSMCT	180	0.509	AccuBond CT	3	3010	2822	2643	2470	2304	2144	3622	3185	2792	2439	2121	1837
300 WSM	SBST300S	150	0.424	Ballistic Silvertip	2	3300	3061	2834	2619	2414	2218	3628	3121	2676	2285	1941	1638
300 WSM	SBST300SA	180	0.507	Ballistic Silvertip	3	3010	2822	2641	2468	2301	2141	3621	3182	2788	2434	2116	1832
▶ 300 Winchester Mag.	S300WMET	180	0.523	E-Tip	3	2950	2770	2597	2430	2270	2116	3478	3066	2695	2361	2059	1789
300 Winchester Mag.	SXP300WM	180	0.527	XP <sup>3</sup>	2/3	3000	2819	2646	2479	2318	2163	3597	3176	2797	2455	2147	1869
300 Winchester Mag.	SXP300WMA	150	0.437	XP <sup>3</sup>	2/3	3260	3030	2811	2603	2404	2214	3539	3057	2632	2256	1925	1633
300 Winchester Mag.	S300WMCT	180	0.509	AccuBond CT	3	2950	2765	2588	2417	2253	2095	3478	3055	2676	2334	2028	1754
300 Winchester Mag.	SBST300	180	0.507	Ballistic Silvertip	3	2950	2764	2586	2415	2250	2092	3478	3054	2673	2331	2023	1749
▶ 308 Winchester	S308ET	180	0.523	E-Tip	3	2620	2453	2291	2136	1987	1845	2743	2404	2098	1824	1578	1360
308 Winchester	SXP308	150	0.437	XP <sup>3</sup>	2/3	2825	2616	2417	2226	2044	1871	2658	2279	1945	1650	1392	1166
308 Winchester	SBST308	150	0.435	Ballistic Silvertip	2	2810	2601	2401	2211	2028	1856	2629	2253	1920	1627	1370	1147
308 Winchester	SBST308A	168	0.474	Ballistic Silvertip	2	2670	2484	2306	2134	1971	1815	2659	2301	1983	1699	1449	1229
308 Winchester Match	S308M	168	0.453	Sierra MatchKing™ BTHP-		2680	2485	2297	2118	1948	1786	2680	2303	1970	1674	1415	1190
▶ 325 WSM	SXP325S	200	TBD	XP <sup>3</sup>	3	TBD	-	-	-	-	-	TBD	-	-	-	-	-
325 WSM	S325WSMCT	200	0.477	AccuBond CT	3	2950	2753	2565	2384	2210	2044	3866	3367	2922	2524	2170	1856
325 WSM	SBST325S	180	0.439	Ballistic Silvertip	3	3060	2841	2632	2432	2242	2060	3743	3226	2769	2365	2009	1696
338 Winchester Mag.	S338CT	225	0.548	AccuBond CT	3	2800	2634	2474	2319	2170	2026	3918	3467	3058	2688	2353	2052
338 Winchester Mag.	SBST338	200	0.414	Ballistic Silvertip	3	2950	2724	2509	2303	2108	1922	3864	3294	2794	2355	1972	1640
357 Magnum #	S357P•	180	0.132	Partition Gold®	2	1550	1160	965	854	769	698	960	538	372	291	237	195
41 Remington Mag. #	S41PTHP•	240	0.195	Platinum Tip®	2	1830	1488	1219	1047	945	870	1784	1179	792	584	475	403
44 Remington Mag. #	S44PTHP•	250	0.188	Platinum Tip	2	1830	1475	1202	1032	931	857	1859	1208	801	592	481	408
44 Remington Mag. #	S44MP•	250	0.188	Partition Gold	2	1810	1456	1188	1025	926	853	1818	1176	783	583	476	404
45-70 Government	SPG4570	300	0.214	Partition Gold	3	1880	1558	1292	1103	988	910	2355	1616	1112	811	651	551
▶ 375 H&H	S375SLSP	300	0.398	Nosler® Partition®	3/4	2605	2387	2180	1983	1797	1624	4520	3795	3164	2618	2151	1757
▶ 375 H&H	S375SLS	300	0.198	Nosler® Solid	4	2605	2178	1794	1462	1204	1040	4520	3158	2142	1424	965	721
▶ 416 Rem-Mag	S416SLSP	400	0.390	Nosler Partition	3/4	2400	2188	1987	1797	1621	1460	5115	4251	3504	2868	2333	1894
▶ 416 Rem-Mag	S416SLS	400	0.263	Nosler Solid	4	2400	2089	1806	1547	1328	1157	5115	3876	2896	2124	1565	1190
▶ 416 Rigby	S416RSLSP	400	0.390	Nosler Partition	3/4	2370	2159	1960	1772	1598	1439	4988	4141	3410	2788	2266	1840
▶ 416 Rigby	S416RSLS	400	0.263	Nosler Solid	4	2370	2061	1778	1524	1309	1145	4988	3774	2807	2064	1522	1163
▶ 458 Win-Mag	S458WSLSP	500	0.330	Nosler Partition	3/4	2240	2000	1776	1572	1390	1237	5570	4440	3503	2742	2145	1699
▶ 458 Win-Mag	S458WSLS	500	0.272	Nosler Solid	4	2240	1951	1687	1453	1258	1113	5570	4225	3157	2342	1756	1374

▶ NEW PRODUCT

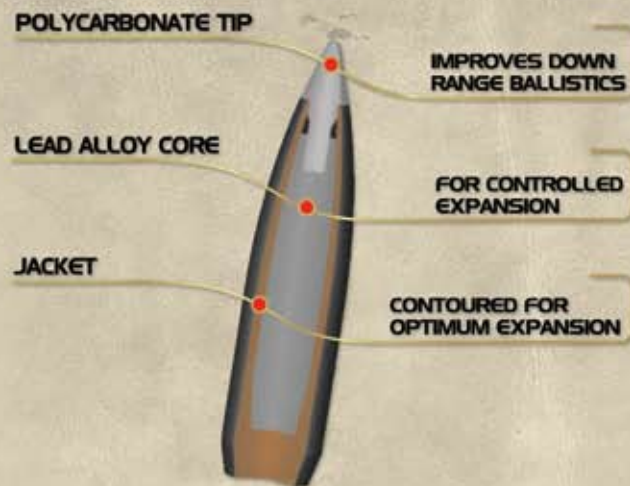
**BALLISTIC COEFFICIENT (BC):** The "Ballistic Coefficient" or B.C. of a projectile (bullet) is a measure of its efficiency in flight or how well it is able to overcome air resistance. The higher the ballistic coefficient, the less velocity a bullet will lose over distance—resulting in less drop at longer ranges and more energy on target. So, for long range hunting or target shooting, the higher the B.C. the better. See Winchester's new Ballistic Calculator on the Winchester website, coming in 2008.

Trajectory, Short Range Yards					Trajectory, Long Range Yards				
50	100	200	300	400	100	200	300	400	500
-0.1	0	-3.7	-13.4	-30.0	1.9	0	-7.8	-22.5	-45.1
-0.2	0	-3.2	-12.0	-27.3	1.6	0	-7.2	-20.8	-42.2
-0.1	0	-3.8	-13.5	-30.3	1.9	0	-7.9	-22.8	-45.6
-0.2	0	-3.3	-12.3	-27.9	1.7	0	-7.3	-21.2	-43.0
-0.2	0	-3.6	-13.3	-29.8	1.8	0	-7.8	-22.5	-45.2
-0.1	0	-3.8	-13.6	-30.3	1.9	0	-7.9	-22.8	-45.7
<b>-0.2</b>	<b>0</b>	<b>-2.9</b>	<b>-10.7</b>	<b>-24.1</b>	<b>1.4</b>	<b>0</b>	<b>-6.4</b>	<b>-18.4</b>	<b>-36.8</b>
-0.2	0	-2.8	-10.6	-24.0	1.4	0	-6.4	-18.3	-36.8
-0.3	0	-2.2	-8.7	-20.2	1.1	0	-5.4	-16.0	-32.0
-0.2	0	-2.9	-10.7	-24.3	1.4	0	-6.4	-18.5	-37.2
-0.3	0	-2.2	-8.8	-20.4	1.1	0	-5.4	-15.9	-32.4
-0.2	0	-2.9	-10.7	-24.3	1.4	0	-6.4	-18.6	-37.3
<b>-0.2</b>	<b>0</b>	<b>-3.0</b>	<b>-11.2</b>	<b>-25.3</b>	<b>1.5</b>	<b>0</b>	<b>-6.7</b>	<b>-19.2</b>	<b>-38.6</b>
-0.2	0	-2.9	-10.7	-24.2	1.4	0	-6.4	-18.5	-37.0
-0.3	0	-2.3	-9.0	-20.8	1.1	0	-5.6	-16.2	-33.0
-0.2	0	-3.0	-11.3	-25.5	1.5	0	-6.7	-19.4	-39.0
-0.2	0	-3.0	-11.3	-25.5	1.5	0	-6.7	-19.4	-38.9
<b>-0.2</b>	<b>0</b>	<b>-3.6</b>	<b>-13.1</b>	<b>-29.7</b>	<b>2.1</b>	<b>0</b>	<b>-8.8</b>	<b>-25.2</b>	<b>-50.4</b>
-0.2	0	-3.6	-13.1	-29.7	1.8	0	-7.8	-22.6	-45.7
-0.2	0	-3.6	-13.3	-30.2	1.8	0	-7.8	-22.8	-46.2
-0.1	0	-4.1	-14.8	-33.2	2.1	0	-8.6	-24.8	-50.0
-0.1	0	-4.1	-14.9	-33.4	2.1	0	-8.7	-25.1	-50.7
<b>TBD</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>TBD</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
-0.2	0	-3.1	-11.5	-26.0	1.5	0	-6.8	-19.8	-39.9
-0.3	0	-2.8	-10.7	-24.4	1.4	0	-6.4	-18.7	-38.0
-0.2	0	-3.5	-12.7	-28.4	1.8	0	-7.4	-21.3	-42.6
-0.2	0	-3.2	-11.9	-27.2	1.6	0	-7.1	-20.8	-42.3
2	0	-24.9	-87.1	-	12.2	0	-49.4	-	-
1.1	0	-15.0	-53.5	-	7.2	0	-30.7	-92.9	-
1.2	0	-15.4	-55.1	-	7.3	0	-31.5	-95.4	-
1.2	0	-15.4	-55.1	-	7.4	0	-32.1	-97.2	-
1.0	0	-13.6	-48.1	-	6.5	0	-27.4	-83.3	-
<b>-0.1</b>	<b>0</b>	<b>-4.6</b>	<b>-16.6</b>	<b>-</b>	<b>2.3</b>	<b>0</b>	<b>-9.7</b>	<b>-28.2</b>	<b>-</b>
<b>0.0</b>	<b>0</b>	<b>-5.9</b>	<b>-22.8</b>	<b>-</b>	<b>3.0</b>	<b>0</b>	<b>-13.9</b>	<b>-44.3</b>	<b>-</b>
<b>0.1</b>	<b>0</b>	<b>-5.8</b>	<b>-20.4</b>	<b>-</b>	<b>2.9</b>	<b>0</b>	<b>-11.7</b>	<b>-34.3</b>	<b>-</b>
<b>0.1</b>	<b>0</b>	<b>-6.2</b>	<b>-23.8</b>	<b>-</b>	<b>3.1</b>	<b>0</b>	<b>-14.5</b>	<b>-43.4</b>	<b>-</b>
<b>0.1</b>	<b>0</b>	<b>-6.0</b>	<b>-21.0</b>	<b>-</b>	<b>3.0</b>	<b>0</b>	<b>-12.1</b>	<b>-35.3</b>	<b>-</b>
<b>0.1</b>	<b>0</b>	<b>-6.7</b>	<b>-24.6</b>	<b>-</b>	<b>3.4</b>	<b>0</b>	<b>-14.5</b>	<b>-44.0</b>	<b>-</b>
<b>0.2</b>	<b>0</b>	<b>-7.2</b>	<b>-25.5</b>	<b>-</b>	<b>3.6</b>	<b>0</b>	<b>-14.7</b>	<b>-43.5</b>	<b>-</b>
<b>0.2</b>	<b>0</b>	<b>-7.7</b>	<b>-27.7</b>	<b>-</b>	<b>3.9</b>	<b>0</b>	<b>-16.2</b>	<b>-48.9</b>	<b>-</b>

● INDICATES BALLISTIC DATA GENERATED FROM 20" BARREL LENGTH. ALL OTHER BALLISTIC DATA GENERATED FROM 24" BARREL LENGTH.

\*\* INTENDED FOR USE IN FAST TWIST BARRELS (E.G., 1 IN 7 TO 1 IN 9). SLOWER TWIST BARRELS MAY NOT SUFFICIENTLY STABILIZE BULLET.

# ALSO ACCEPTABLE FOR USE IN PISTOLS AND REVOLVERS.



## Ballistic Silvertip™



# SUPER-X® CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt.		Bullet Type	Game Guide	Muzzle	Velocity in Feet Per Second (fps)					Muzzle	Energy in Foot Pounds (ft-lbs.)				
		(Grs.)	B.C.				100	200	300	400	500		100	200	300	400	500
204 Ruger	X204R	34	0.167	Hollow Point	1	4025	3339	2751	2232	1775	1393	1223	842	571	376	238	146
218 Bee	X218B	46	0.130	Hollow Point	1	2760	2103	1551	1156	961	850	778	451	246	137	94	74
22 Hornet	X22H1	45	0.130	Soft Point	1	2690	2042	1502	1128	947	840	723	416	225	127	90	70
22 Hornet	X22H2	46	0.130	Hollow Point	1	2690	2043	1504	1129	949	841	739	426	231	130	92	72
220 Swift	X220S	50	0.200	Pointed Soft Point	1	3870	3310	2816	2373	1972	1616	1663	1226	881	625	432	290
22-250 Remington	X222501	55	0.197	Pointed Soft Point	1	3680	3137	2656	2222	1832	1493	1654	1201	861	603	410	272
22-250 Remington	X222502	64	0.251	Power-Point®	2	3500	3086	2708	2360	2038	1744	1741	1353	1042	791	590	432
222 Remington	X222R	50	0.175	Pointed Soft Point	1	3140	2602	2123	1700	1350	1107	1094	752	500	321	202	136
223 Remington	X223RH	53	0.223	Hollow Point	1	3330	2882	2477	2106	1770	1475	1305	978	722	522	369	256
223 Remington	X223R	55	0.197	Pointed Soft Point	1	3240	2747	2304	1905	1554	1270	1282	921	648	443	295	197
223 Remington	X223R2**	64	0.257	Power-Point	2	3020	2656	2320	2009	1724	1473	1296	1003	765	574	423	308
223 WSSM	X223WSS	55	0.233	Pointed Soft Point	1	3850	3367	2934	2541	2181	1851	1810	1384	1051	789	581	418
223 WSSM	X223WSS1	64	0.233	Power-Point	2	3600	3144	2732	2356	2011	1698	1841	1404	1061	789	574	410
5.56mm	SC556NT	55	0.147	Tin SP	Training	3090	2457	1912	1455	1133	966	1161	737	446	259	157	114
225 Winchester	X2251	55	0.208	Pointed Soft Point	1	3570	3066	2616	2207	1838	1514	1556	1148	835	595	412	280
243 Winchester	X2431	80	0.255	Pointed Soft Point	1	3350	2955	2594	2259	1951	1670	1993	1551	1195	907	676	495
243 Winchester	X2432	100	0.356	Power-Point	2	2960	2697	2449	2215	1993	1786	1945	1615	1332	1089	882	708
243 WSSM	X243WSS	100	0.356	Power-Point	2	3110	2838	2583	2341	2112	1897	2147	1789	1481	1217	991	799
6mm Remington	X6MMR2	100	0.356	Power-Point	2	3100	2829	2573	2332	2104	1889	2133	1777	1470	1207	983	792
25 WSSM	X25WSS	120	0.344	Positive Exp. Pt.	2	2990	2717	2459	2216	1987	1773	2383	1967	1612	1309	1053	838
25-06 Remington	X25061	90	0.259	Positive Exp. Pt.	1	3440	3043	2680	2344	2034	1749	2364	1850	1435	1098	826	611
25-06 Remington	X25062	120	0.344	Positive Exp. Pt.	2	2990	2717	2459	2216	1987	1773	2382	1967	1612	1309	1053	838
25-20 Winchester	X25202	86	0.191	Soft Point	1	1460	1195	1031	932	859	798	407	273	203	166	141	122
25-35 Winchester	X2535	117	0.213	Soft Point	2	2230	1866	1545	1281	1096	984	1292	904	620	426	312	252
250 Savage	X2503	100	0.254	Silvertip®	2	2820	2467	2140	1839	1569	1339	1765	1351	1017	751	547	398
257 Roberts +P	X257P3	117	0.240	Power-Point	2	2780	2411	2071	1761	1488	1263	2009	1511	1115	806	576	415
264 Winchester Mag.	X2642	140	0.384	Power-Point	2	3030	2782	2548	2326	2114	1914	2854	2406	2018	1682	1389	1139
6.5 x 55 Swedish	X6555	140	0.450	Soft Point	2	2550	2359	2176	2002	1836	1680	2021	1730	1472	1246	1048	877
270 Winchester	X2705	130	0.372	Power-Point	2	3060	2802	2559	2329	2110	1904	2702	2267	1890	1565	1285	1046
270 Winchester	X2703	130	0.336	Silvertip	2	3060	2776	2510	2259	2022	1801	2702	2225	1818	1472	1180	936
270 Winchester	X2704	150	0.344	Power-Point	2	2850	2585	2336	2100	1879	1673	2705	2226	1817	1468	1175	932

**BALLISTIC COEFFICIENT (BC):** The "Ballistic Coefficient" or B.C. of a projectile (bullet) is a measure of its efficiency in flight or how well it is able to overcome air resistance. The higher the ballistic coefficient, the less velocity a bullet will lose over distance—resulting in less drop at longer ranges and more energy on target. So, for long range hunting or target shooting, the higher the B.C. the better. See Winchester's new Ballistic Calculator on the Winchester website, coming in 2008.

## GAME GUIDE



**1** Prairie Dog, Marmots, Coyote, Fox



**2** Light Thin Skin Game: Whitetail Deer, Antelope, Mule Deer, Black Bear



Trajectory, Short Range Yards					Trajectory, Long Range Yards				
50	100	200	300	400	100	200	300	400	500
-0.4	0	-1.7	-8.0	-21.4	0.8	0	-5.5	-18.1	-42.0
0	0	-6.6	-28.2	-75.6	3.3	0	-18.2	-62.4	-
0	0	-7.1	-30.1	-80.3	3.6	0	-19.4	-66.1	-
0	0	-7.1	-30.0	-80.1	3.6	0	-19.4	-65.9	-
-0.4	0	-1.7	-7.8	-20.2	0.8	0	-5.2	-16.7	-37.1
-0.4	0	-2.1	-9.1	-23.3	1.0	0	-6.0	-19.2	-42.8
-0.3	0	-2.2	-9.1	-22.4	1.1	0	-5.9	-18.0	-38.6
-0.2	0	-3.7	-15.3	-39.1	2.2	0	-10.0	-32.3	-73.8
-0.3	0	-2.7	-11.2	-27.5	1.7	0	-7.4	-22.7	-49.1
-0.3	0	-3.2	-12.9	-32.5	1.9	0	-8.5	-26.7	-59.6
-0.2	0	-3.5	-13.4	-32.1	1.7	0	-8.2	-25.1	-53.6
-0.4	0	-1.6	-7.2	-18.3	0.8	0	-4.9	-15.1	-32.8
-0.4	0	-2.0	-8.8	-21.8	1.0	0	-5.7	-17.7	-38.5
-0.2	0	-4.4	-18.5	-49.3	2.2	0	-7.0	-40.7	-96.4
-0.4	0	-2.2	-9.6	-24.2	1.1	0	-6.2	-19.7	-43.6
-0.4	0	-1.7	-6.9	-15.7	1.3	0	-6.5	-19.8	-42.3
-0.2	0	-3.3	-12.4	-28.6	1.9	0	-7.8	-22.6	-46.3
-0.3	0	-2.8	-10.9	-25.3	1.4	0	-6.6	-19.7	-40.5
-0.3	0	-2.9	-11.0	-25.5	1.7	0	-7.0	-20.4	-41.7
-0.2	0	-3.2	-12.2	-28.3	1.6	0	-7.4	-21.8	-45.1
-0.3	0	-2.3	-9.4	-22.9	1.1	0	-6.0	-18.4	-39.2
-0.2	0	-3.2	-12.2	-28.3	1.6	0	-7.4	-21.8	-45.1
2.1	0	-23.5	-79.6	-	11.4	0	-44.1	-	-
0.6	0	-9.2	-33.2	-78.4	4.3	0	-19.0	-59.4	-
-0.1	0	-4.3	-16.2	-38.4	2.4	0	-10.1	-30.5	-65.2
-0.1	0	-4.5	-17.2	-41.3	2.6	0	-10.8	-33.0	-70.0
-0.2	0	-3.0	-11.4	-26.2	1.8	0	-7.2	-20.8	-42.2
0	0	-4.8	-16.9	-37.7	2.4	0	-9.7	-28.2	-56.9
-0.2	0	-2.9	-11.2	-25.9	1.8	0	-7.1	-20.6	-42.0
-0.2	0	-3.0	-11.6	-27.0	1.8	0	-7.4	-21.6	-44.3
-0.2	0	-3.7	-13.8	-31.9	2.2	0	-8.6	-25.0	-51.4

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## GAME GUIDE



**Large Heavy Game:** Elk, Moose, Brown Bear, Caribou, Eland

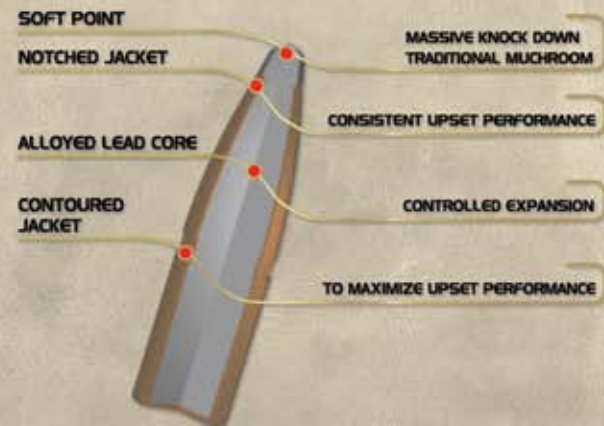


**Extra Large, Dangerous African Game:** Elephant, Cape Buffalo

## SILVERTIP®



## POWER-POINT®



# SUPER-X® CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt.		Bullet Type	Game Guide	Muzzle	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft-lbs.)					
		(Grs.)	B.C.				100	200	300	400	500	Muzzle	100	200	300	400	500
270 WSM	X270WSM	150	0.344	Power-Point®	2	3150	2867	2601	2350	2113	1890	3304	2737	2252	1839	1487	1190
284 Winchester	X2842	150	0.364	Power-Point	3	2860	2609	2371	2145	1933	1734	2724	2266	1872	1533	1244	1001
7mm-08 Remington	X708	140	0.360	Power-Point	2	2800	2549	2312	2087	1876	1679	2437	2020	1661	1354	1094	876
7mm Mauser (7 x 57)	X7MM1	145	0.355	Power-Point	2	2660	2413	2180	1960	1754	1565	2278	1875	1530	1236	990	788
7mm WSM	X7MMWSM	150	0.346	Power-Point	2	3200	2915	2648	2396	2157	1933	3410	2830	2335	1911	1550	1245
7mm Remington Mag.	X7MMR1	150	0.373	Power-Point	2	3090	2831	2587	2356	2136	1929	3180	2670	2229	1848	1520	1239
7mm Remington Mag.	X7MMR2	175	0.426	Power-Point	3	2860	2644	2439	2243	2055	1878	3178	2717	2311	1954	1641	1370
7.62 x 39mm	X76239•	123	0.244	Soft Point	2	2365	2033	1731	1465	1248	1093	1527	1129	818	586	425	327
30 Carbine	X30M1•	110	0.166	Hollow Soft Point	1	1990	1567	1236	1035	923	842	967	599	373	262	208	173
▶▶▶ 30-30 Winchester	X30306TR	150	0.218	Power Point	2	2390	2019	1685	1398	1178	1036	1902	1357	945	651	462	357
30-30 Winchester	X30301	150	0.218	Hollow Point	2	2390	2019	1685	1398	1178	1036	1902	1357	945	651	462	357
30-30 Winchester	X30306	150	0.218	Power-Point	2	2390	2019	1685	1398	1178	1036	1902	1357	945	651	462	357
30-30 Winchester	X30302	150	0.218	Silvertip®	2	2390	2019	1685	1398	1178	1036	1902	1357	945	651	462	357
30-30 Winchester	X30303	170	0.241	Power-Point	2	2200	1879	1591	1346	1158	1034	1827	1332	955	683	506	404
30-30 Winchester	X30304	170	0.278	Silvertip	2	2200	1920	1664	1438	1250	1110	1827	1391	1045	781	590	465
30-06 Springfield	X30062	125	0.268	Pointed Soft Point	1	3140	2780	2041	1788	1853	1595	2736	2145	1662	1269	953	706
30-06 Springfield	X30061	150	0.294	Power-Point	2	2920	2607	2314	2041	1788	1558	2839	2263	1783	1387	1064	808
30-06 Springfield	X30063	150	0.314	Silvertip	2	2910	2617	2342	2083	1843	1622	2820	2281	1827	1445	1131	876
30-06 Springfield	X30065	165	0.341	Pointed Soft Point	2	2800	2536	2286	2051	1831	1627	2872	2355	1915	1541	1228	970
30-06 Springfield	X30064	180	0.381	Power-Point	2	2700	2468	2247	2038	1840	1657	2913	2433	2018	1659	1354	1097
30-06 Springfield	X30066	180	0.383	Silvertip	3	2700	2469	2250	2042	1846	1663	2913	2436	2023	1666	1362	1105
30-40 Krag	X30401	180	0.394	Power-Point	2	2430	2218	2017	1828	1651	1489	2360	1967	1626	1335	1089	886
300 WSM	X300WSM1	150	0.294	Power-Point	2	3270	2931	2617	2324	2050	1796	3561	2861	2281	1798	1399	1074
300 WSM	X300WSM	180	0.438	Power-Point	3	2970	2755	2549	2353	2166	1987	3526	3034	2598	2214	1827	1578
300 Winchester Mag.	X30WM1	150	0.294	Power-Point	2	3290	2950	2634	2340	2065	1813	3605	2898	2311	1824	1420	1095
300 Winchester Mag.	X30WM2	180	0.438	Power-Point	3	2960	2745	2540	2344	2157	1979	3501	3011	2578	2196	1859	1565
300 Savage	X3001	150	0.294	Power-Point	2	2630	2336	2061	1810	1575	1372	2303	1817	1415	1091	826	627
303 British	X303B1	180	0.369	Power-Point	3	2460	2233	2018	1817	1629	1459	2418	1993	1628	1320	1060	851
307 Winchester	X3076	180	0.253	Power-Point	2	2510	2179	1874	1599	1363	1177	2518	1897	1403	1022	742	554
308 Winchester	X3085	150	0.294	Power-Point	2	2820	2513	2227	1960	1713	1492	2648	2104	1651	1279	977	742
308 Winchester	X3086	180	0.382	Power-Point	2	2620	2392	2176	1971	1779	1600	2743	2287	1892	1553	1264	1023
308 Winchester	X3083	180	0.383	Silvertip	3	2620	2393	2178	1974	1782	1604	2743	2288	1896	1557	1269	1028
32 Winchester Special	X32WS2	170	0.205	Power-Point	2	2250	1870	1537	1266	1081	971	1911	1320	891	605	441	356
32-20 Winchester	X32201	100	0.166	Lead	1	1210	1021	914	835	769	712	325	232	185	155	131	113

▶ NEW PRODUCT

▶▶▶ THEODORE ROOSEVELT COMMEMORATIVE

**BALLISTIC COEFFICIENT (BC):** The "Ballistic Coefficient" or B.C. of a projectile (bullet) is a measure of its efficiency in flight or how well it is able to overcome air resistance. The higher the ballistic coefficient, the less velocity a bullet will lose over distance—resulting in less drop at longer ranges and more energy on target. So, for long range hunting or target shooting, the higher the B.C. the better. See Winchester's new Ballistic Calculator on the Winchester website, coming in 2008.

● INDICATES BALLISTIC DATA GENERATED FROM 20" BARREL LENGTH. ALL OTHER BALLISTIC DATA GENERATED FROM 24" BARREL LENGTH.

\*\* INTENDED FOR USE IN FAST TWIST BARRELS (E.G., 1 IN 7 TO 1 IN 9). SLOWER TWIST BARRELS MAY NOT SUFFICIENTLY STABILIZE BULLET.

# ALSO ACCEPTABLE FOR USE IN PISTOLS AND REVOLVERS.

Trajectory, Short Range Yards					Trajectory, Long Range Yards				
50	100	200	300	400	100	200	300	400	500
-0.3	0	-2.7	-10.6	-24.9	1.4	0	-6.5	-19.4	-40.1
-0.2	0	-3.6	-13.5	-30.9	1.8	0	-8.0	-23.6	-48.6
-0.1	0	-3.9	-14.3	-32.7	1.9	0	-8.5	-24.9	-51.3
-0.1	0	-4.5	-16.3	-37.2	2.2	0	-9.6	-28.3	-58.3
-0.3	0	-2.6	-10.2	-23.8	1.3	0	-6.3	-18.6	-38.5
-0.3	0	-2.8	-10.9	-25.2	1.4	0	-6.6	-19.5	-40.1
-0.2	0	-3.5	-12.8	-29.1	1.7	0	-7.6	-22.1	-44.9
0.2	0	-7.0	-25.7	-60.7	3.8	0	-15.4	-46.3	-98.4
0.9	0	-13.5	-49.9	-	6.5	0	-29.3	-90.9	-
0.5	0	-7.7	-27.9	-65.9	3.6	0	-16.0	-49.9	-
0.5	0	-7.7	-27.9	-65.9	3.6	0	-16.0	-49.9	-
0.5	0	-7.7	-27.9	-65.9	3.6	0	-16.0	-49.9	-
0.6	0	-9.0	-32.0	-74.2	4.2	0	-18.1	-55.5	-
0.6	0	-8.6	-29.8	-68.0	4.0	0	-16.6	-50.2	-
-0.3	0	-3.0	-11.9	-28.4	1.8	0	-7.7	-23.0	-48.5
-0.2	0	-3.6	-13.8	-32.4	1.8	0	-8.3	-25.1	-52.8
-0.2	0	-3.6	-13.6	-31.6	2.1	0	-8.5	-25.0	-51.8
-0.1	0	-3.9	-14.5	-33.4	2.0	0	-8.6	-25.6	-53.0
-0.1	0	-4.2	-15.4	-34.9	2.1	0	-9.0	-26.4	-54.2
-0.1	0	-4.2	-15.3	-34.8	2.4	0	-9.3	-27.0	-54.9
0.4	0	-6.2	-20.9	-46.1	2.8	0	-11.4	-33.2	-67.8
-0.3	0	-2.6	-10.2	-24.4	1.3	0	-6.4	-19.2	-40.4
-0.2	0	-3.1	-11.5	-26.3	1.5	0	-6.9	-20.1	-40.7
-0.3	0	-2.5	-10.1	-24.0	1.3	0	-6.3	-19.0	-39.3
-0.2	0	-3.1	-11.6	-26.5	1.6	0	-7.0	-20.3	-41.0
0	0	-4.9	-17.3	-41.9	2.5	0	-10.0	-32.1	-67.6
0	0	-5.5	-19.3	-44.2	2.7	0	-11.0	-33.2	-68.3
0	0	-5.9	-21.8	-51.3	2.9	0	-12.9	-39.6	-85.1
-0.1	0	-4.0	-15.1	-35.3	2.0	0	-9.1	-27.2	-57.3
-0.1	0	-4.6	-16.6	-37.5	2.3	0	-9.7	-28.3	-58.0
-0.1	0	-4.6	-16.5	-37.4	2.6	0	-9.9	-28.9	-58.8
0.6	0	-9.2	-33.3	-79.1	4.3	0	-19.2	-60.2	-
3.1	0	-32.3	-	-	15.9	0	-57.5	-	-

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## GET OUT AND SHOOT

Time spent at the shooting range will improve your success in the field. You can improve your odds in the field by simulating actual hunting conditions and setups. Here are a few tips to keep in mind before heading afield on your next adventure.

- Spend time learning the anatomy of the animal you are planning to hunt so you know where the vitals are in relationship to the body from various angles.
- At the range, shoot at distances near and far to learn where to hold at a distant target.
- Learn the capabilities of your rifle and ammunition by shooting several rounds at various distances. This will help determine drop and appropriate scope settings.
- Always check your background for a safe backstop before beginning to sight in.
- Spend time shooting from in-the-field positions while wearing the clothing and gear, typical of what you will wear on the hunt.
- Learn how to take advantage of natural rests and how to shoot off of crossed shooting stick rests. Never take an off-hand shot if a shot from a solid rest is possible.

Visit [www.winchester.com](http://www.winchester.com) and sign up to be a member of the Winchester Red W Club and receive more shooting and hunting tips.—Larry Weishuhn, Host, Winchester World of Whitetail



# SUPER-X® CENTERFIRE RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt.		Bullet Type	Game Guide No.	Muzzle	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft-lbs.)					
		(Grs.)	B.C.				100	200	300	400	500	Muzzle	100	200	300	400	500
8mm Mauser (8 x 57)	X8MM	170	0.205	Power-Point®	2	2360	1970	1623	1333	1123	997	2102	1464	994	671	476	375
325 WSM	X325WSM	220	0.388	Power-Point	3	2840	2605	2382	2169	1968	1779	3941	3316	2772	2300	1893	1547
338 Winchester Mag.	X3381	200	0.308	Power-Point	3	2960	2658	2375	2110	1862	1635	3890	3137	2505	1977	1539	1187
348 Winchester	X3483	200	0.289	Silvertip®	3	2520	2215	1931	1672	1443	1293	2820	2178	1656	1241	925	697
35 Remington	X35R1	200	0.193	Power-Point	2	2020	1646	1335	1114	985	901	1812	1203	791	551	431	360
356 Winchester	X3561	200	0.238	Power-Point	2	2460	2114	1797	1517	1284	1113	2688	1985	1434	1022	732	550
357 Magnum #	X3574P•	158	0.163	Jacketed H. P.	2	1830	1427	1138	980	883	809	1175	715	454	337	274	229
357 Magnum #	X3575P•	158	0.163	Jacketed Soft Point	2	1830	1427	1138	980	883	809	1175	715	454	337	274	229
358 Winchester	X3581	200	0.261	Silvertip	3	2490	2171	1876	1610	1379	1194	2753	2093	1563	1151	844	633
375 Winchester	X375W	200	0.214	Power-Point	2	2200	1841	1526	1268	1089	980	2150	1506	1034	714	527	427
38-40 Winchester	X3840	180	0.172	Soft Point	2	1160	999	901	827	764	710	538	399	324	273	233	201
38-55 Winchester	X3855	255	0.354	Soft Point	2	1320	1190	1091	1018	963	917	987	802	674	587	525	476
44 Remington Mag. #	X44MHSP2	240	0.158	Hollow Soft Point	2	1760	1362	1094	953	861	789	1650	988	638	484	395	332
44-40 Winchester	X4440	200	0.161	Soft Point	2	1190	1006	900	822	756	699	629	449	360	300	254	217
45-70 Government	X4570H	300	0.283	Jacketed H. P.	2	1880	1650	1425	1235	1105	1010	2355	1815	1355	1015	810	680
▶ 405 Winchester	X405TR	300	0.225	Flat Point	3/4	2200	1857	1553	1300	1116	1002	3224	2297	1607	1126	830	668
458 Winchester Mag.	X4581	510	0.274	Soft Point	3	2040	1770	1527	1319	1157	1046	4712	3547	2640	1970	1516	1239

▶ THEODORE ROOSEVELT COMMEMORATIVE

## GAME GUIDE



**1** Prairie Dog, Marmots, Coyote, Fox



**2** Light Thin Skin Game: Whitetail Deer, Antelope, Mule Deer, Black Bear



**3** Large Heavy Game: Elk, Moose, Brown Bear, Caribou, Eland



**4** Extra Large, Dangerous African Game: Elephant, Cape Buffalo

## USA BRAND RIFLE BALLISTICS

Cartridge	Symbol	Bullet Wt.		Bullet Type	Rounds Per Box	Muzzle	Velocity in Feet Per Second (fps)					Energy in Foot Pounds (ft-lbs.)					
		(Grs.)	B.C.				100	200	300	400	500	Muzzle	100	200	300	400	500
223 Remington	USA2232	45	0.185	Jacketed H. P.	40	3600	3033	2533	2085	1687	1356	1295	919	641	434	284	184
223 Remington	USA2232F	45	0.185	Jacketed H. P.	50	3600	3033	2533	2085	1687	1356	1295	919	641	434	284	184
223 Remington	USA223RF	55	0.197	Pointed Soft Point	50	3240	2747	2304	1904	1554	1270	1282	921	648	443	295	197
223 Remington	USA223R1	55	0.255	Full Metal Jacket	20	3240	2854	2499	2172	1869	1597	1282	995	763	576	427	311
223 Remington	USA223R3**	62	0.283	Full Metal Jacket	20	3100	2762	2448	2155	1884	1636	1323	1050	825	640	488	368
22-250 Remington	USA222502	45	0.175	Jacketed H. P.	40	4000	3346	2781	2281	1837	1458	1598	1118	773	520	337	212
5.56mm	Q3131	55	0.267	Full Metal Jacket	20	3270	2898	2555	2238	1943	1675	1306	1025	797	611	461	342
30 Carbine	Q3132	110	0.180	Full Metal Jacket	50	1990	1596	1279	1070	952	870	967	622	399	280	221	185
7.62 x 39mm	Q3174	123	0.245	Full Metal Jacket	20	2355	2026	1726	1463	1247	1093	1515	1121	814	584	425	326
30-06 Springfield	USA3006	147	0.421	Full Metal Jacket	20	3020	2794	2579	2374	2178	1992	2976	2548	2171	1839	1549	1295
308 Winchester	USA3081	147	0.415	Full Metal Jacket	20	2800	2582	2374	2176	1987	1812	2559	2176	1840	1545	1289	1072
7.62 x 54R	MC76254R	180	0.486	Full Metal Jacket	20	2580	2401	2230	2066	1909	1760	2658	2304	1987	1706	1457	1238
7.62 x 54R	MC54RSP	180	0.267	Soft Point	20	2625	2302	2003	1729	1485	1281	2751	2117	1603	1195	882	655

● INDICATES BALLISTIC DATA GENERATED FROM 20" BARREL LENGTH. ALL OTHER BALLISTIC DATA GENERATED FROM 24" BARREL LENGTH.

\*\* INTENDED FOR USE IN FAST TWIST BARRELS (E.G., 1 IN 7 TO 1 IN 9). SLOWER TWIST BARRELS MAY NOT SUFFICIENTLY STABILIZE BULLET.

# ALSO ACCEPTABLE FOR USE IN PISTOLS AND REVOLVERS.

Trajectory, Short Range Yards					Trajectory, Long Range Yards				
50	100	200	300	400	100	200	300	400	500
0.2	0	-7.6	-28.5	-69.2	3.8	0	-17.2	-54.1	-
-0.2	0	-3.6	-13.4	-30.6	1.8	0	-8.0	-23.3	-47.6
-0.2	0	-3.4	-13.1	-30.6	2.0	0	-8.2	-24.3	-50.4
0.3	0	-6.1	-21.4	-48.7	2.8	0	-11.9	-35.8	-75.7
0.9	0	-12.1	-43.9	-	5.8	0	-25.4	-78.7	-
0.4	0	-7.0	-24.8	-57.9	3.2	0	-14.1	-43.4	-93.9
1.2	0	-16.4	-59.6	-	7.9	0	-34.7	-	-
1.2	0	-16.4	-59.6	-	7.9	0	-34.7	-	-
0.4	0	-6.5	-23.0	-53.0	3.0	0	-12.9	-39.4	-84.2
0.6	0	-9.5	-34.1	-80.3	4.4	0	-19.5	-60.8	-
3.4	0	-33.8	-	-	16.6	0	-59.4	-	-
2.3	0	-23.7	-76.5	-	11.5	0	-40.7	-	-
1.4	0	-18.1	-65.0	-	8.7	0	-37.6	-	-
3.2	0	-33.2	-	-	16.3	0	-59.2	-	-
1.0	0	-12.2	-42.0	-94.6	5.8	0	-23.3	-69.5	-
0.3	0	-8.7	-31.9	-75.9	4.3	0	-18.9	-58.5	-
0.5	0	-9.7	-34.4	-79.1	4.8	0	-19.9	-59.8	-

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Trajectory, Short Range Yards					Trajectory, Long Range Yards				
50	100	200	300	400	100	200	300	400	500
-0.4	0	-2.3	-10.1	-26.1	1.2	0	-6.7	-21.4	-48.7
-0.4	0	-2.3	-10.1	-26.1	1.2	0	-6.7	-21.4	-48.7
-0.3	0	-3.2	-12.9	-32.5	1.6	0	-8.2	-26.2	-58.7
-0.3	0	-2.8	-11.2	-27.0	1.4	0	-7.0	-21.4	-45.9
-0.2	0	-3.1	-12.0	-28.4	1.5	0	-7.4	-22.3	-47.1
-0.4	0	-1.6	-7.8	-20.8	0.8	0	-5.4	-17.5	-40.2
-0.3	0	-2.7	-10.7	-25.7	1.6	0	-7.0	-21.0	-44.2
0.9	0	-13.0	-47.4	-	6.5	0	-27.9	-86.0	-
0.2	0	-7.0	-25.9	-61.1	3.8	0	-15.6	-47.6	-
-0.2	0	-3.0	-11.2	-25.5	1.5	0	-6.7	-19.6	-39.9
-0.1	0	-3.7	-13.6	-30.9	1.9	0	-8.0	-23.5	-46.6
0	0	-4.5	-16.1	-35.8	2.6	0	-9.6	-27.3	-54.6
0	0	-5.1	-18.9	-44.5	2.9	0	-11.6	-34.9	-74.1



## IT'S ALL ABOUT ACCURACY

Good, just isn't 'good' enough when it comes to making an accurate shot in the field. Here are five tips to consider this year whether you're practicing on the range or zeroing in on a trophy animal.

- **Breathe Right**—Hold your breath when squeezing the trigger. Inhaling and exhaling during the shot does not promote solid marksmanship.
- **Start Small**—Practice your rifle shooting technique with a .22 rimfire rifle. It produces low recoil and allows you to concentrate on your form.
- **Position, Posture**—For the best accuracy, practice shooting from different positions—ones that you are likely to take when in an actual hunting situation.
- **Use a Rest**—For the most accurate shots on animals, be sure to find a solid rest.
- **Zero In**—Check your zero before each hunt. When hunting in rugged terrain or traveling long distances, your gun/scope combination can be bumped.—*Ron Spomer, Host, Winchester Legends*

# SUPREME® HANDGUN BALLISTICS

Cartridge	Symbol	Bullet Wt. Grs.	Type	User Guide	Velocity (fps)—Yards			Energy (ft.-lbs.)—Yards			Barrel Length Inches
					Muzzle	50	100	Muzzle	50	100	
380 AUTOMATIC	S380	95	SXT®	PP	955	889	835	192	167	147	3-3/4
38 SPECIAL +P	S38SP	130	SXT	PP	925	887	852	247	227	210	4V
9MM LUGER	S9	147	SXT	PP	990	947	909	320	293	270	4
40 SMITH & WESSON	S401	165	SXT	PP	1130	1041	977	468	397	349	4
40 SMITH & WESSON	S40	180	SXT	PP	1010	954	909	408	364	330	4
45 AUTOMATIC	S45	230	SXT	PP	880	846	816	396	366	340	5
357 MAGNUM #	S357P	180	PARTITION GOLD®	H	1180	1088	1020	557	473	416	8V
41 REM MAGNUM #	S41PHTP	240	PLATINUM TIP®	H	1250	1151	1075	833	706	616	6-1/2V
44 REM MAGNUM #	S44PHTP	250	PLATINUM TIP	H	1250	1148	1070	867	732	635	6-1/2V
44 REM MAGNUM #	S44MP	250	PARTITION GOLD	H	1230	1132	1057	840	711	620	6-1/2V
454 CASULL®	S454PHTP	260	PLATINUM TIP	H	1800	1596	1414	1870	1470	1154	7-1/2V
454 CASULL®	SPG454	260	PARTITION GOLD	H	1800	1605	1427	1871	1485	1176	7-1/2V
460 S & W MAG	SPG460SW	260	PARTITION GOLD	H	2000	1788	1592	2309	1845	1464	8-3/8V
500 SMITH & WESSON MAG	S500PHTP	400	PLATINUM TIP	H	1675	1531	1400	2491	2082	1741	8-3/8V

# SUPER-X® HANDGUN BALLISTICS

Cartridge	Symbol	Bullet Wt. Grs.	Type	User Guide	Velocity (fps)—Yards			Energy (ft.-lbs.)—Yards			Barrel Length Inches
					Muzzle	50	100	Muzzle	50	100	
25 AUTOMATIC	X25AXP	45	EXPANDING POINT	PP	815	729	655	66	53	42	2
30 LUGER (7.65MM)	X30LP	93	FULL METAL JACKET	T	1220	1110	1040	305	255	225	4-1/2
30 CARBINE	X30M1	110	HOLLOW SOFT POINT	H	1790	1601	1430	783	626	500	10
32 SMITH & WESSON	32BL2P	85	BLK.PWD.	—	—	—	—	—	—	—	—
32 SMITH & WESSON	X32SWP	85	LEAD-ROUND NOSE	T	680	645	610	90	81	73	3
32 SMITH & WESSON LONG	X32SWLP	98	LEAD-ROUND NOSE	T	705	670	635	115	98	88	4
32 SHORT COLT	X32SCP	80	LEAD-ROUND NOSE	T	745	665	590	100	79	62	4
32 AUTOMATIC	X32ASHP	60	SILVERTIP® HP	PP	970	895	835	125	107	93	4
38 SMITH & WESSON	X38SWP	145	LEAD-ROUND NOSE	T	685	650	620	150	135	125	4
380 AUTOMATIC	X380ASHP	85	SILVERTIP HP	PP	1000	921	860	189	160	140	3-3/4
38 SPECIAL	38SBLP	—	SMOKELESS	—	—	—	—	—	—	—	—
38 SPECIAL	X38S9HP	110	SILVERTIP HP	PP	945	894	850	218	195	176	4V
38 SPECIAL SUPER MATCH®	X38SMRP	148	LEAD-WAD CUTTER	T	710	634	566	166	132	105	4V
38 SPECIAL	X38S1P	158	LEAD-ROUND NOSE	T	755	723	693	200	183	168	4V
38 SPECIAL	X38WCPSV	158	LEAD-SEMI WC	T	755	721	689	200	182	167	4V
38 SPECIAL +P	X38S7PH	125	JACKETED HP	PP	945	898	858	248	224	204	4V
38 SPECIAL +P	X38S8HP	125	SILVERTIP HP	PP	945	898	858	248	224	204	4V
38 SPECIAL +P	X38SPD	158	LEAD-SEMI WC HP	PP	890	855	823	278	257	238	4V
9MM LUGER	X9MMSHP	115	SILVERTIP HP	PP	1225	1095	1007	383	306	259	4
9MM LUGER	X9MMST147	147	SILVERTIP HP	PP	1010	962	921	333	302	277	4
38 SUPER AUTOMATIC +P	X38ASHP	125	SILVERTIP HP	T/PP	1240	1130	1050	427	354	306	5
9 X 23 WINCHESTER	X923W	125	SILVERTIP HP	T/PP	1450	1249	1103	583	433	338	5
357 MAGNUM	X3576P	125	JACKETED HP	PP	1450	1240	1090	583	427	330	4V
357 MAGNUM	X357SHP	145	SILVERTIP HP	PP	1290	1155	1060	535	428	361	4V
357 MAGNUM #	X3574P	158	JACKETED HP	H/PP	1235	1104	1015	535	428	361	4V
357 MAGNUM #	X3575P	158	JACKETED SOFT POINT	H/PP	1235	1104	1015	535	428	361	4V
40 SMITH & WESSON	X40SWSTHP	155	SILVERTIP HP	PP	1205	1096	1018	500	414	357	4
10MM AUTOMATIC	X10MMSTHP	175	SILVERTIP HP	PP	1290	1141	1037	649	506	418	5-1/2
41 REMINGTON MAGNUM	X41MSTHP2	175	SILVERTIP HP	H/PP	1250	1120	1029	607	488	412	4V
44 SMITH & WESSON SPL	X44STHPS2	200	SILVERTIP HP	PP	900	860	822	360	328	300	6-1/2
44 SMITH & WESSON SPL	X44SP	246	LEAD-ROUND NOSE	T	755	725	695	310	285	265	6-1/2
44 REMINGTON MAGNUM	X44MS	210	SILVERTIP HP	H/PP	1250	1106	1010	729	570	475	4V
44 REMINGTON MAGNUM #	X44MHSP2	240	HOLLOW SOFT POINT	H	1180	1081	1010	741	623	543	4V
45 G.A.P.	X45GSHP	185	SILVERTIP HP	PP	1000	938	887	411	361	323	5
45 AUTOMATIC	X45ASHP2	185	SILVERTIP HP	PP	1000	938	887	411	361	323	5
45 COLT	X45CSHP2	225	SILVERTIP HP	PP	920	877	839	423	384	352	5-1/2V
45 COLT	X45CBTR	250	LEAD FLAT NOSE	T	750	720	692	312	288	265	5-1/2V
45 COLT	X45CP2	255	LEAD-ROUND NOSE	T	860	820	780	420	380	345	5-1/2V
45 WINCHESTER MAGNUM	X45WMA	260	JACKETED HP	H	1200	1099	1026	831	698	607	5
RR 454 CASULL®	X454C3	250	JACKETED HP	H	1300	1151	1047	938	735	608	7-1/2V
RR 460 S & W MAG	X460SW	250	JACKETED HP	H	1450	1267	1127	1167	891	705	8-3/8V
RR 500 SMITH & WESSON MAG	X500SW	350	JACKETED HP	H	1350	1192	1077	1416	1104	902	8-3/8V

V-Data is based on velocity obtained from vented test barrels for revolver cartridges (38 Special, 357 Mag., 41 Rem. Mag., 44 Rem. Mag., 454 Casull®, 460 S&W Mag. and 500 S&W Mag.) Specifications are nominal. Test barrels are used to determine ballistics figures. Individual firearms may differ from test barrel statistics.

+P 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.

## SXT®



- ▶ REVERSE TAPER JACKET DESIGN
- ▶ UNIFORM BULLET EXPANSION
- ▶ EXCELLENT ACCURACY
- ▶ POSITIVE FUNCTIONING

## PLATINUM TIP®



- ▶ PATENTED NOTCHED REVERSE TAPER BULLET JACKET
- ▶ PLATED HEAVY WALL JACKET & 2-PART HOLLOW POINT CAVITY FOR UNIFORM BULLET EXPANSION
- ▶ MASSIVE ENERGY DEPOSIT
- ▶ EXCELLENT ACCURACY

## PARTITION GOLD®



- ▶ PROVEN PARTITION TECHNOLOGY
- ▶ CONSISTENT, DRAMATIC BULLET EXPANSION
- ▶ DEEP PENETRATION REGARDLESS OF BARREL LENGTH
- ▶ MAXIMUM WEIGHT RETENTION
- ▶ EXTREMELY ACCURATE

## SILVERTIP®



- ▶ RAPID ENERGY DEPOSIT
- ▶ POSITIVE FUNCTIONING
- ▶ UNIFORM EXPANSION
- ▶ EXCELLENT ACCURACY




# USA BRAND HANDGUN BALLISTICS

Cartridge	Symbol	Bullet Wt. Gr.	Type	User Guide	Velocity (fps)-Yards		Energy (ft.-lbs.)-Yards	
					Muzzle	50	Muzzle	50
25 AUTOMATIC	Q4203	50	FULL METAL JACKET	T	760	707	64	56
32 AUTOMATIC	Q4255	71	FULL METAL JACKET	T	905	855	129	115
380 AUTOMATIC	Q4206	95	FULL METAL JACKET	T	955	865	190	160
38 SUPER AUTOMATIC +P	Q4205	130	FULL METAL JACKET	T	1215	1099	426	348
38 SPECIAL	USA38SP	125	JACKETED FLAT POINT	T	850	804	201	179
38 SPECIAL	Q4171	130	FULL METAL JACKET	T	800	765	185	169
38 SPECIAL	Q4196	150	LEAD ROUND NOSE	T	845	812	238	219
38 SPECIAL +P	USA38JHP	125	JACKETED HOLLOW POINT	PP	945	898	248	224
7.62 X 25 TOKAREV	MC762TOK	85	FULL METAL JACKET	T	1645	1311	511	323
9MM LUGER	USA9JHP	115	JACKETED HOLLOW POINT	PP	1225	1095	383	306
9MM LUGER	USA9JHP2	147	JACKETED HOLLOW POINT	PP	990	945	320	291
9MM LUGER	Q4172	115	FULL METAL JACKET	T	1190	1071	362	293
9MM LUGER (100 RND VALUE PACK)	USA9MMVP	115	FULL METAL JACKET	T	1190	1071	362	293
9MM LUGER	USA9MM	124	FULL METAL JACKET	T	1140	1050	358	303
9MM LUGER	USA9MM1	147	FULL METAL JACKET-FLAT NOSE	T	990	945	320	292
9MM MAKAROV	MC918M	95	FULL METAL JACKET	T	1015	933	216	182
9X23MM WIN	Q4304	124	JACKETED FLAT POINT	T	1460	1308	587	471
357 SIG	USA357SJHP	125	JACKETED HOLLOW POINT	PP	1350	1185	506	390
357 SIG	Q4309	125	FULL METAL JACKET-FLAT NOSE	T	1350	1185	506	390
357 MAGNUM	Q4204	110	JACKETED HOLLOW POINT	PP	1295	1095	410	292
40 SMITH & WESSON	USA40SW	165	FULL METAL JACKET-FLAT NOSE	T	1060	1001	412	367
40 SMITH & WESSON	USA40SWVP	165	FULL METAL JACKET-FLAT NOSE	T	1060	1001	412	367
40 SMITH & WESSON	USA40JHP	180	JACKETED HOLLOW POINT	PP	1010	954	408	364
40 SMITH & WESSON	Q4238	180	FULL METAL JACKET	T	1020	968	416	374
44 REM MAGNUM	Q4240	240	JACKETED SOFT POINT	H	1180	1081	741	623
45 G.A.P.	USA45G	230	FULL METAL JACKET	T	850	814	369	338
45 G.A.P.	USA45GJHP	230	JACKETED HOLLOW POINT	PP	880	842	396	363
45 AUTOMATIC	USA45A	185	FULL METAL JACKET-FLAT NOSE	T	910	861	340	304
45 AUTOMATIC	USA45AVP	185	FULL METAL JACKET-FLAT NOSE	T	910	861	340	304
45 AUTOMATIC	USA45JHP	230	JACKETED HOLLOW POINT	PP	880	842	396	363
45 AUTOMATIC	Q4170	230	FULL METAL JACKET	T	835	800	356	326

# WINCLEAN®, SUPERCLEAN NT® & COWBOY LOADS HANDGUN BALLISTICS

Cartridge	Symbol	Bullet Wt. Gr.	Type	User Guide	Velocity (fps)-Yards		Energy (ft.-lbs.)-Yards		Barrel Length Inches
					Muzzle	50	Muzzle	50	
<b>WINCLEAN®</b>									
380 AUTOMATIC	WC3801	95	BRASS ENCLOSED BASE	T	955	881	192	164	3-3/4
38 SPECIAL	WC381	125	JACKETED FLAT POINT	T	775	742	167	153	4V
9MM LUGER	WC91	115	BRASS ENCLOSED BASE	T	1190	1088	362	302	4
9MM LUGER	WC92	124	BRASS ENCLOSED BASE	T	1130	1049	352	303	4
9MM LUGER	WC93	147	BRASS ENCLOSED BASE	T	990	945	320	291	4
357 SIG	WC357SIG	125	BRASS ENCLOSED BASE	T	1350	1183	506	388	4
357 MAGNUM	WC3571	125	JACKETED FLAT POINT	T	1370	1183	521	389	4V
40 SMITH & WESSON	WC401	165	BRASS ENCLOSED BASE	T	1130	1054	468	407	4
40 SMITH & WESSON	WC402	180	BRASS ENCLOSED BASE	T	990	943	392	356	4
45 G.A.P.	WC45G	230	BRASS ENCLOSED BASE	T	875	840	391	360	5
45 AUTOMATIC	WC451	185	BRASS ENCLOSED BASE	T	1000	902	411	334	5
45 AUTOMATIC	WC452	230	BRASS ENCLOSED BASE	T	875	840	391	360	5
<b>SUPER CLEAN NT®</b>									
38 SPECIAL	SC38NT	110	JACKETED FLAT POINT	T	975	906	232	201	4V
9MM LUGER	SC9NT	105	JACKETED FLAT POINT	T	1200	1074	336	269	4
357 MAGNUM	SC357NT	110	JACKETED FLAT POINT	T	1275	1105	397	298	4V
357 SIG	SC357SNT	105	JACKETED FLAT POINT	T	1370	1179	438	324	4
40 SMITH & WESSON	SC40NT	140	JACKETED FLAT POINT	T	1155	1039	415	336	4
45 AUTOMATIC	SC45NT	170	JACKETED FLAT POINT	T	1050	982	416	364	5
<b>COWBOY LOADS</b>									
38 SPECIAL	USA38CB	158	LEAD	T	800	761	225	203	4V
44-40 WINCHESTER	USA4440CB	225	LEAD	T	750	723	281	261	4V
44 SPECIAL	USA44CB	240	LEAD	T	750	719	300	275	4V
45 COLT	USA45CB	250	LEAD	T	750	720	312	288	5.5V

# CENTERFIRE HANDGUN USER GUIDE

USAGE SYMBOL	PROPERTIES	USAGE SYMBOL	PROPERTIES	APPLICATION	USAGE SYMBOL	PROPERTIES	APPLICATION
<b>PP</b>	 <ul style="list-style-type: none"> <li>-Sure Functioning</li> <li>-Optimum Energy Deposit</li> <li>-Accurate</li> <li>-Controlled Recoil</li> </ul>	<b>H</b>	 <ul style="list-style-type: none"> <li>-Massive Energy Deposit</li> <li>-Accurate</li> <li>-Optimum Penetration</li> <li>-Consistent Expansion</li> </ul>	Thin Skinned Game such as Whitetail Deer and Boar	<b>T</b>	 <ul style="list-style-type: none"> <li>-Accurate</li> <li>-Sure Functioning</li> <li>-Controlled Recoil</li> </ul>	Indoor and Outdoor Range, Plinking, Target and Match

## WINCLEAN®



- ▶ LEAD & HEAVY-METAL FREE PRIMER
- ▶ EXCELLENT ACCURACY
- ▶ BRASS ENCLOSED BASE ELIMINATES LEAD VAPORIZATION FROM BULLET BASE
- ▶ NO BARREL FOULING
- ▶ POSITIVE FUNCTIONING

## SUPER CLEAN NT®



- ▶ LEAD & HEAVY-METAL FREE PRIMER
- ▶ 100 PERCENT NON-TOXIC TIN CORE BULLET
- ▶ PERFORMS LIKE LEAD
- ▶ SUPERIOR ACCURACY
- ▶ POSITIVE FUNCTIONING

## FULL METAL JACKET












- ▶ POSITIVE FUNCTIONING
- ▶ NO EXPANSION
- ▶ ACCURATE
- ▶ REDUCED BARREL FOULING

## JACKETED SOFT/HOLLOW POINT



- ▶ POSITIVE EXPANSION
- ▶ PROVEN ACCURACY
- ▶ NOTCHED JACKET

# SHOTSHELL GAME GUIDE

GAME SPECIES	BRAND	SHOT SIZE	CHOKE	GAUGE	
 GEESE	STEEL:	SUPER-X® DRYLOK SUPER STEEL® SUPREME® HIGH VEL. STEEL	T, BBB, BB, 1, 2 BB, BBB	MOD., IMP. MOD. MOD., IMP. MOD., FULL	10, 12 10, 12
	HD:	XPRT® HI-VELOCITY XTENDED RANGE™ HD	1, BB B, 2, 4	MOD., IMP. MOD. IMP. CYL., MOD., IMP. MOD., IMP., FULL	12 12, 20
 DUCK	STEEL:	SUPER-X® DRYLOK SUPER STEEL® SUPREME® HIGH VEL. STEEL	1, 2, 3, 4, 6 2, 3, 4	IMP. CYL., MOD., IMP. MOD. IMP. CYL., MOD., IMP. MOD.	10, 12, 20 10, 12
	HD:	XPRT® HI-VELOCITY XTENDED RANGE™ HD	2, 3, 4 2, 4	IMP. CYL., MOD., IMP. MOD. IMP. CYL., MOD.,	12, 20 12, 20
 TURKEY	LEAD:	SUPER-X® DOUBLE X®	4, 5, 6 4, 5, 6	FULL, XTRA FULL FULL, XTRA FULL	12, 16, 20 10, 12, 20
		SUPREME® HIGH VELOCITY	4, 5, 6	FULL, XTRA FULL	10, 12, 20
	HD:	XTENDED RANGE™ HD	4, 5, 6	FULL, XTRA FULL	12, 20
 PHEASANT	LEAD:	SUPER-X® DOUBLE X®	4, 5, 6, 7.5 4, 6	IMP. CYL., MOD., IMP. MOD., FULL IMP. CYL., MOD., IMP. MOD., FULL	12, 16, 20, 410 12, 20
		SUPREME® HIGH VELOCITY	4, 6, 7.5	IMP. CYL., MOD., IMP. MOD., FULL	12, 20
		SUPER-PHEASANT	4, 5, 6	IMP. CYL., MOD., IMP. MOD., FULL	12, 20
	STEEL:	SUPER-PHEASANT	4	IMP. CYL., MOD., IMP. MOD., FULL	12
		XPRT® HI-VELOCITY	4	IMP. CYL., MOD., IMP. MOD., FULL	12, 20
 GROUSE/PARTRIDGE & QUAIL	LEAD:	SUPER-X® AA®	5, 6, 7.5, 8, 8.5 7.5, 8	IMP. CYL., MOD. IMP. CYL., MOD.	12, 16, 20, 28, 410 12, 20, 28, 410
		SUPER-TARGET™	7.5, 8	IMP. CYL., MOD.	12, 20
			7.5, 8	IMP. CYL., MOD.	12, 20
 WOODCOCK/SNIPE & DOVE	LEAD:	SUPER-X® AA®	6, 7.5, 8, 8.5 7.5, 8	IMP. CYL., MOD., IMP. MOD. IMP. CYL., MOD.	12, 16, 20, 28, 410 12, 20, 28, 410
		SUPER-TARGET™	7.5, 8	IMP. CYL., MOD.	12, 20
	STEEL:	SUPER-X® DRYLOK SUPER STEEL®	4, 6	IMP. CYL., MOD., IMP. MOD.	12, 20
		XPRT® 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
	STEEL:	SUPER-X® DRYLOK SUPER STEEL® XPRT® UPLAND GAME	4, 6 4, 6	IMP. CYL., MOD., IMP. MOD. IMP. CYL., MOD., IMP.	12, 20 12, 20
 SQUIRREL	LEAD:	SUPER-X®	4, 5, 6	MOD., IMP. MOD., FULL	12, 16, 20, 28, 410
	STEEL:	SUPER-X® DRYLOK SUPER STEEL® XPRT® UPLAND GAME	4, 6 4, 6	IMP. CYL., MOD., IMP. MOD. IMP. CYL., MOD., IMP.	12, 20 12, 20
 COYOTE	LEAD:	SUPER-X® HIGH VELOCITY SUPREME® HIGH VELOCITY	BUCKSHOT 4	MOD., FULL FULL	12 12
	HD:	XTENDED RANGE™ HD	COYOTE (B)	MOD., FULL	12

## STANDARD SHOT SIZES

SHOT SIZES	DENSITY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Shot Number		9	8.5	8	7.5	7	6	5	4	3	2	1	B	BB	BBB	T
Diameter In Inches		.08	.085	.09	.095	.10	.11	.12	.13	.14	.15	.16	.17	.18	.19	.20
Pellets/Oz., Steel	7.9*	-	-	577	490	420	316	243	191	153	125	103	-	72	61	53
Pellets/Oz., Lead	11.0*	585	500	410	350	300	225	170	135	-	87	-	-	50	-	-
Pellets/Oz. Hi-Density	12.0*	-	-	-	-	-	207	159	125	-	82	-	56	-	-	-

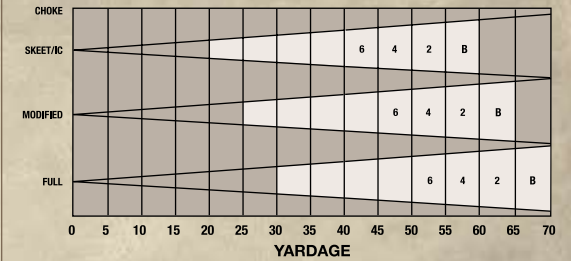
  

BUCKSHOT SIZES	●	●	●	●	●	●
Shot Number	4	3	1	0	00	000
Diameter In Inches	.24	.25	.30	.32	.33	.36
# Pellets Typical Load	27, 34, 41	20, 24	12, 16, 20, 24	12	9, 12, 15, 18	8, 10

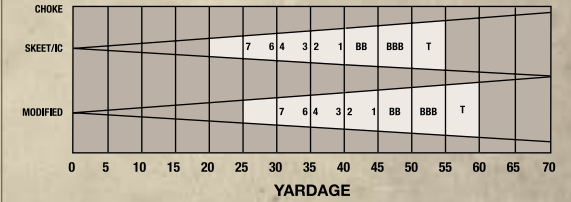
\* Grams per cubic centimeter

## PATTERN/PELLET DENSITY & ENERGY GUIDE

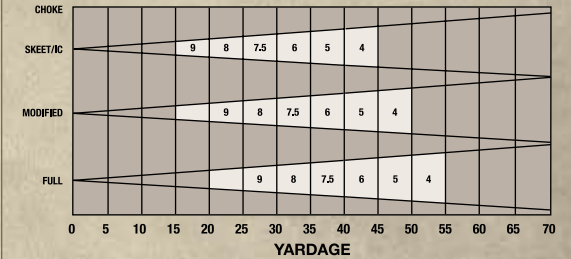
### XTENDED RANGE HD-WATERFOWL



### STEEL SHOT

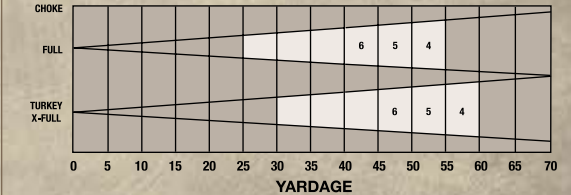


### LEAD SHOT

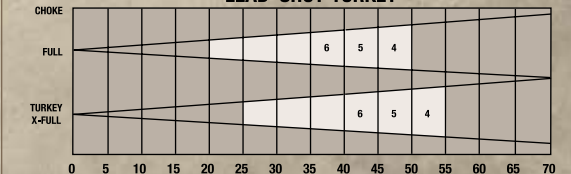


### TURKEY APPLICATIONS

#### XTENDED RANGE HD-TURKEY



#### LEAD SHOT-TURKEY



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





# OFFICIAL AMMUNITION OF THE U.S.A. SHOTGUN SHOOTING TEAM



AA® IS THE OFFICIAL AMMUNITION OF THE U.S.A. SHOTGUN SHOOTING TEAM COMPETING IN THE 2008 OLYMPICS

## AA® TARGET LOADS

Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
AA® TARGET LOADS							
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
RR 12	AA12FL	LOW RECOIL/LOW NOISE	2 3/4	NA	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® SUPERSPORT™ LOADS

Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
AA® SUPERSPORT™							
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
410	AASC41	SPORTING CLAYS	2 1/2	N/A	1300	1/2	7.5, 8, 8.5

## SUPER-TARGET® LOADS

Gauge	Symbol	Description	Length of Shell In.	Powder Dram Equivalent	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPER-TARGET™							
12	TRGT12M	SUPER-TARGET	2 3/4	3	1200	1 1/8	7.5, 8
12	TRGT12	SUPER-TARGET	2 3/4	2 3/4	1145	1 1/8	7.5, 8
12	TRGT12S	SUPER-TARGET	2 3/4	3	1200	1 1/8	7 STEEL
20	TRGT20	SUPER-TARGET	2 3/4	2 1/2	1200	7/8	7.5, 8

## WINLITE™ TARGET & HUNTING LOADS

Gauge	Symbol	Description	Length of Shell In.	Velocity fps @ 3 ft.	Shot Wt.	Shot Type	Barrel Type
WINLITE™							
RR 12	WL12FL8	TARGET	2 3/4	980	26 GRAMS	8 LEAD	N/A
RR 20	WL20FL8	TARGET	2 3/4	980	7/8 OZ.	8 LEAD	N/A
RR 12	WL12PHTP	PTHP SLUG	2 3/4	1450	400 GRAINS	PTHP SABOT SLUG	FR
RR 12	WL12RS	RIFLED SLUG	2 3/4	1200	1 OZ.	RIFLED SLUG	SB
RR 12	WL1200	BUCKSHOT	2 3/4	1125	9 PELLETS	00 BUCK	SB

RR Reduced Recoil

## AA® TARGET LOADS

- ▶ HARD SHOT FOR TIGHT PATTERNS
- ▶ CLEAN BURNING AA PRIMER AND POWDER
- ▶ RELOADABLE HIGH-STRENGTH HULL
- ▶ LOADS FOR EVERY SHOOTER'S NEED



## AA® SUPERSPORT™ LOADS

- ▶ HIGH VELOCITY
- ▶ CLEAN BURNING
- ▶ HARD SHOT FOR TIGHT PATTERNS
- ▶ RELOADABLE HIGH-STRENGTH HULL



## WINLITE™ LOADS

- ▶ UP TO 50 PERCENT REDUCTION IN RECOIL
- ▶ EFFECTIVE ON-TARGET PERFORMANCE
- ▶ EXTREMELY VERSATILE

## SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY WATERFOWL LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY WATERFOWL LOADS					
12	SWXR12L	3 1/2	HIGH VELOCITY	1 5/8	B, 2, 4
12	SWXR123	3	HIGH VELOCITY	1 3/8	B, 2, 4
12	SWXR12	2 3/4	HIGH VELOCITY	1 1/4	B, 2, 4
20	SWXR203	3	HIGH VELOCITY	1 1/16	2, 4

## SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY TURKEY LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY TURKEY LOADS					
12	STXS12L	3 1/2	1225	2	4, 5, 6
12	STXS123	3	1225	1 3/4	4, 5, 6
12	STXS12	2 3/4	1225	1 1/2	5, 6
20	STXS203	3	1225	1 1/8	5

## SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY COYOTE LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY COYOTE LOADS					
12	SCXR123	3	HIGH VELOCITY	1 3/8	COYOTE (B)

## SUPREME ELITE™ XTENDED RANGE™ HI-DENSITY LOADS

- ▶ NON-TOXIC
- ▶ MORE DENSE THAN LEAD AND STEEL
- ▶ SOFTER THAN MOST BARRELS AND CHOKES
- ▶ HARDER HITTING & DEEPER PENETRATING
- ▶ ROUND SHOT DELIVERS CONSISTENT PATTERNS
- ▶ LONGEST RANGE KNOCK-DOWN POWER

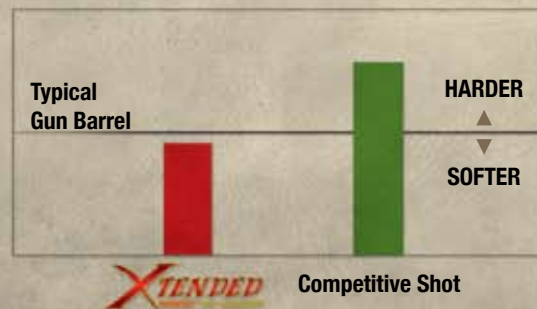


**XTENDED**  
RANGE™ HI-DENSITY

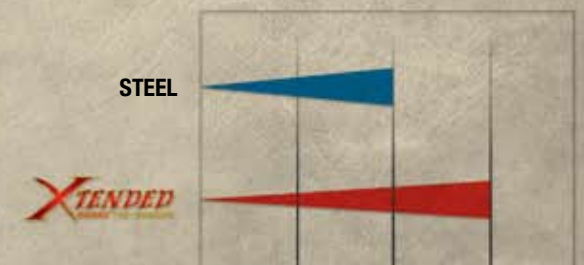
DENSITY (G/CC)



SHOT HARDNESS



XTENDED RANGE ADVANTAGE



## SUPREME® WATERFOWL LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPREME® HIGH-VELOCITY DRYLOK SUPER STEEL® NON-TOXIC, PLATED WATERFOWL LOADS					
10	SSH10	3 1/2	1450	1 3/8	BBB, BB, 2
12	SSH12LH	3 1/2	1475	1 1/2	BBB, BB, 2, 3
12	SSH123	3	1450	1 1/4	BB, 2, 3, 4

## SUPER-X® STEEL WATERFOWL & UPLAND LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPER-X® DRYLOK SUPER STEEL® NON-TOXIC PLATED MAGNUM GOOSE LOADS					
10	XSC10	3 1/2	1350	1 5/8	T, BBB, BB, 2
12	XSC12L	3 1/2	1300	1 9/16	T, BBB
12	XSC123	3	1400	1 1/4	T, BBB
SUPER-X® DRYLOK SUPER STEEL® NON-TOXIC MAGNUM WATERFOWL LOADS					
12	XSM12L	3 1/2	1300	1 9/16	BB, 1, 2, 3
12	XSM123	3	1300	1 3/8	BB, 2, 3, 4
12	XSV123	3	1400	1 1/4	BB, 2, 3, 4
12	XSM12	2 3/4	1300	1 1/4	BB, 2, 3, 4, 6
20	XSM203	3	1330	1	2, 3, 4
SUPER-X® DRYLOK SUPER STEEL® NON-TOXIC WATERFOWL & UPLAND LOADS					
20	XS20	2 3/4	1425	3/4	4

## XPERT® STEEL WATERFOWL LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
XPERT® HI-VELOCITY WATERFOWL LOADS					
12	WEX12L	3 1/2	1550	1 3/8	BB, 2, 3
12	WEX12LM	3 1/2	1625	1 1/4	BB, 2
12	WEX123H	3	1400	1 1/4	BB, 1, 2, 3, 4
12	WEX123	3	1550	1 1/8	BB, 2, 3, 4
12	WEX12H	2 3/4	1400	1 1/8	BB, 2, 3, 4, 6
12	WEX12	2 3/4	1550	1 1/16	BB, 2, 3, 4
20	WEX203	3	1500	7/8	2, 4

## XPERT® STEEL UPLAND GAME & TARGET LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
XPERT® STEEL UPLAND GAME & TARGET LOADS					
▶ 12	WE12GT	2 3/4	1325	1	6, 7
▶ 12	WE12	2 3/4	1300	1	6, 7
▶ 20	WE20GT	2 3/4	1325	3/4	6, 7
▶ 20	WE20	2 3/4	1300	3/4	7

▶ NEW PRODUCT

## SUPREME® DRYLOK® SUPER STEEL® WATERFOWL LOADS

- ▶ PATENTED WATER RESISTANT WAD SYSTEM
- ▶ LACQUERED PRIMER FOR WATER RESISTANCE
- ▶ PLATED CORROSION RESISTANT SHOT
- ▶ CONSISTENT PATTERNS
- ▶ HEAVY HIGH VELOCITY LOADS



## SUPER-X® DRYLOK SUPER STEEL® WATERFOWL LOADS

- ▶ PATENTED WATER RESISTANT WAD SYSTEM
- ▶ LACQUERED PRIMER FOR WATER RESISTANCE
- ▶ CORROSION RESISTANT SHOT
- ▶ CONSISTENT PATTERNS



## XPERT® STEEL HI-VELOCITY WATERFOWL LOADS

- ▶ UP TO 1,625 SIZZLING FEET PER SECOND VELOCITY
- ▶ VALUE PRICE
- ▶ CORROSION RESISTANT SHOT
- ▶ CONSISTENT PATTERNS



## XPERT® STEEL UPLAND GAME & TARGET LOADS

- ▶ UP TO 1325 FPS VELOCITY
- ▶ CONSISTENT PATTERNS
- ▶ CORROSION RESISTANT SHOT
- ▶ DESIGNED FOR UPLAND GAME AND TARGET AMMUNITION SPECIFICALLY



## SUPREME® LEAD TURKEY LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPREME® HIGH-VELOCITY TURKEY LOADS—COPPERPLATED, BUFFERED SHOT					
10	STH10	3 1/2	1300	2	4, 5
12	STH1235	3 1/2	1300	2	4, 5, 6
12	STH123	3	1300	1 3/4	4, 5, 6
12	STH12	2 3/4	1300	1 1/2	4, 5, 6
20	STH203	3	1200	1 5/16	4, 5, 6
SUPREME® DOUBLE X® MAGNUM TURKEY LOADS—COPPERPLATED, BUFFERED SHOT					
12	XXT12L	3 1/2	1150	2 1/4	4, 5, 6
12	X123MXCT	3	1125	2	4, 5, 6
12	X12HXCT	2 3/4	1250	1 5/8	4, 5, 6
20	X203XCT	3	1185	1 1/4	4, 5, 6

## SUPREME® GAME LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPREME® HIGH VELOCITY FIELD LOADS—COPPERPLATED SHOT					
12	SFH12	2 3/4	1400	1 1/4	4, 5, 6
20	SFH20	2 3/4	1300	1	4, 5, 6, 7.5
SUPREME® DOUBLE X® MAGNUM GAME LOADS—COPPERPLATED, BUFFERED SHOT					
12	X123XC	3	1210	1 7/8	4, 6
12	X12MXC	3	1280	1 5/8	4, 6
12	X12XC	2 3/4	1260	1 1/2	4, 5, 6
20	X203XC	3	1185	1 1/4	4, 6
20	X20XC	2 3/4	1175	1 1/8	6, 7.5

## SUPER-X® SUPER-PHEASANT LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
SUPER-X® SUPER PHEASANT LOADS—COPPERPLATED SHOT					
▶ 12	X123PH	3	1350	1 5/8	4, 5
12	X12PH	2 3/4	1300	1 3/8	4, 5, 6
12	X12PHV	2 3/4	1450	1 3/8	4, 5, 6
12	X123PS	3	1400	1 3/8	4 STEEL
20	X203PH	3	1250	1 1/4	4, 5, 6
20	X20PH	2 3/4	1300	1	5, 6

## SUPREME® TURKEY LOADS

- ▶ GREX BUFFERING FOR TIGHTEST PATTERN
- ▶ COPPER-PLATED HARD SHOT FOR LONG RANGE PATTERNING
- ▶ HARDEST HITTING LEAD
- ▶ HIGH VELOCITY



## SUPREME® GAME LOADS

- ▶ COPPERPLATED SHOT FOR LONG RANGE PATTERNING
- ▶ HARD HITTING LEAD
- ▶ HIGH VELOCITY



## SUPER-X® HIGH BRASS GAME LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
<b>SUPER-X® PHEASANT LOADS</b>					
12	X12P	2 3/4	1220	1 1/4	4, 5
<b>SUPER-X® HIGH BRASS GAME LOADS</b>					
12	X12	2 3/4	1330	1 1/4	4, 5, 6, 7.5, 8, 9
16	X16H	2 3/4	1295	1 1/8	4, 6, 7.5
20	X20	2 3/4	1220	1	4, 6, 7.5, 8
28	X28H	2 3/4	1205	1	5, 6, 7.5, 8
410	X413H	3	1100	3/4	4, 6, 7.5, 8.5
410	X413	3	1135	11/16	4, 6, 7.5
410	X41	2 1/2	1245	1/2	4, 6, 7.5

## SUPER-X® GAME LOADS

Gauge	Symbol	Length of Shell In.	Velocity fps @ 3 ft.	Oz. Shot	Standard Shot Sizes
<b>SUPER-X® HEAVY GAME/FIELD LOADS</b>					
12	XU12SP	2 3/4	1220	1 1/4	7.5, 8
12	XU12H	2 3/4	1255	1 1/8	4, 6, 7.5, 8
20	XU20H	2 3/4	1165	1	6, 7.5, 8
<b>SUPER-X® GAME LOADS</b>					
12	XU12	2 3/4	1290	1	6, 7.5, 8
16	XU16	2 3/4	1165	1	6, 8
20	XU20	2 3/4	1210	7/8	6, 7.5, 8

## SUPER-X® TRIALS & BLANKS

Gauge	Symbol	Length of Shell In.	Powder Type	Standard Shot Sizes
<b>SUPER-X® TRIAL POPPER-LOADS®</b>				
12	XP12	2 3/4	SMOKELESS POWDER	BLANK
<b>SUPER-X® BLANK LOADS</b>				
10	XBP10	2 7/8	BLACK POWDER	BLANK
12	XBP12	2 3/4	BLACK POWDER	BLANK

## SUPER-X® HIGH BRASS GAME LOADS

- ▶ POWERFUL HIGH BRASS MAGNUM CHARGE PERFORMANCE
- ▶ TIGHT-PATTERNING WAD
- ▶ HEAVY GAME SHOT SIZES
- ▶ LONG DISTANCE RELIABILITY



## SUPER-X® GAME LOADS

- ▶ HIGH VELOCITY FOR FAST-FLYING GAME BIRDS
- ▶ ONE PIECE PLASTIC WAD
- ▶ CLEAN BURNING
- ▶ RELIABLE IGNITION



# SLUG BALLISTICS

Symbol	Brand/Slug Type	Slug Grs./Oz.	Shell Length	Gauge	Velocity in fps—Yards				Energy in ft.-lbs.—Yards				Trajectory height in inches—Yards						Barrel Type		
					Muzzle	50	100	125	Muzzle	50	100	125	25	50	75	100	125	150		175	
SUPREME ELITE™ SLUGS																					
▶	<b>SXP123</b>	<b>XP<sup>3</sup>™ Tin Core</b>	<b>300</b>	<b>3</b>	<b>12</b>	<b>2100</b>	<b>1898</b>	<b>1708</b>	<b>1619</b>	<b>2937</b>	<b>2398</b>	<b>1944</b>	<b>1746</b>	<b>-0.2</b>	<b>0.5</b>	<b>0.6</b>	<b>0</b>	<b>-1.3</b>	<b>-3.5</b>	<b>-6.5</b>	<b>FR</b>
	<b>SXP12</b>	<b>XP<sup>3</sup> Tin Core</b>	<b>300</b>	<b>2 3/4</b>	<b>12</b>	<b>2000</b>	<b>1807</b>	<b>1622</b>	<b>1537</b>	<b>2665</b>	<b>2176</b>	<b>1753</b>	<b>1573</b>	<b>-0.2</b>	<b>0.8</b>	<b>0.7</b>	<b>0</b>	<b>-1.5</b>	<b>-3.9</b>	<b>-7.3</b>	<b>FR</b>
SUPREME® SLUGS																					
	SSP123	PARTITION GOLD®	385	3	12	2000	1831	1673	1598	3419	2867	2392	2182	-0.2	0.5	0.6	0	-1.4	-3.7	-6.9	FR
	SSP12	PARTITION GOLD	385	2 3/4	12	1900	1737	1585	1514	3086	2579	2148	1959	0	0.7	0.7	0	-1.6	-4.2	-7.8	FR
	SSPTH12	PLATINUM TIP™	400	2 3/4	12	1700	1554	1420	1359	2566	2144	1791	1640	0.2	1.1	1.0	0	-2.1	-5.4	-9.9	FR
RR	WL12PHTP	WINLITE™ PLATINUM TIP	400	2 3/4	12	1450	1328	1222	1176	1867	1565	1326	1228	0.7	1.7	1.5	0	-3.0	-7.5	-13.8	FR
	SSP203	PARTITION GOLD	260	3	20	2000	1816	1641	1560	2309	1904	1555	1405	-0.2	0.7	0.7	0	-1.5	-3.8	-7.2	FR
	SSP20	PARTITION GOLD	260	2 3/4	20	1900	1721	1555	1478	2084	1709	1395	1260	0.2	0.7	0.8	0	-1.7	-4.3	-8.1	FR
	SSPTH20	PLATINUM TIP	260	2 3/4	20	1700	1536	1388	1321	1668	1362	1112	1008	0.2	1.1	1.1	0	-2.2	-5.6	-10.4	FR
	XRS123	BRI SABOT	1 OZ.	3	12	1400	1153	1007	957	1958	1329	1012	914	1.2	2.5	2.2	0	-4.3	-	-	RCT/FR
	XRS12	BRI SABOT	1 OZ.	2 3/4	12	1350	1121	988	941	1821	1256	975	885	1.3	2.7	2.3	0	-4.6	-	-	RCT/FR
	XRS20	BRI SABOT	5/8 OZ.	2 3/4	20	1400	1143	995	944	1162	774	586	529	1.2	2.6	2.3	0	-4.5	-	-	RCT/FR
SUPER-X® SLUGS																					
▶	<b>S12SR13</b>	<b>RACKMASTER™</b>	<b>1 1/8 OZ.</b>	<b>3</b>	<b>12</b>	<b>1700</b>	<b>1287</b>	<b>1039</b>	<b>967</b>	<b>3080</b>	<b>1764</b>	<b>1149</b>	<b>996</b>	<b>0.3</b>	<b>0</b>	<b>-1.6</b>	<b>-4.8</b>	<b>-10.1</b>	<b>-</b>	<b>-</b>	<b>ANY</b>
	S12SR1	RACKMASTER	1 1/8 OZ.	2 3/4	12	1625	1234	1013	948	2815	1623	1094	958	0.3	0	-1.7	-5.2	-10.8	-	-	ANY
	X123RS15	RIFLED	1 OZ.	3	12	1760	1310	1040	965	3010	1667	1052	904	0.2	0	-1.5	-4.6	-9.7	-	-	SB
	X12RSPP	POWER-POINT®	1 OZ.	2 3/4	12	1700	1222	980	911	2810	1453	933	807	0.3	0	-1.7	-5.4	-11.2	-	-	SB
	X12PPVP	POWER-POINT	1 OZ.	2 3/4	12	1700	1222	980	911	2810	1453	933	807	0.3	0	-1.7	-5.4	-11.2	-	-	SB
	X12RS15	RIFLED	1 OZ.	2 3/4	12	1600	1161	953	889	2488	1310	882	768	0.4	0	-1.9	-5.9	-12.1	-	-	SB
RR	WL12RS	WINLITE	1 OZ.	2 3/4	12	1200	970	848	800	1400	915	700	623	0.7	0	-3.0	-8.7	-17.4	-	-	SB
	X203RS5	RIFLED	3/4 OZ.	3	20	1800	1288	1008	932	2359	1208	739	632	0.2	0	-1.5	-4.8	-10.2	-	-	SB
	X20RSM5	RIFLED	3/4 OZ.	2 3/4	20	1600	1160	952	889	1865	981	660	575	0.3	0	-2.0	-5.9	-12.1	-	-	SB
	X413RS5	RIFLED	1/4 OZ.	3	410	1800	1288	998	919	788	403	234	205	0.3	0	-1.9	-5.8	-11.0	-	-	SB
	X41RS5	RIFLED	1/5 OZ.	2 1/2	410	1830	1318	1025	946	651	338	204	174	0.3	0	-1.9	-5.8	-12.0	-	-	SB

▶ NEW PRODUCT

RR Reduced Recoil

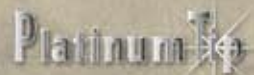
**BARREL TYPE KEY**  
 FR—FULLY RIFLED  
 SB—SMOOTH BORE  
 RCT—RIFLED CHOKE TUBE  
 ANY — FR, SB, RCT



SUPREME ELITE™



SUPREME®



SUPREME®



## SUPREME® BUCKSHOT

Gauge	Symbol	Standard Shot Sizes	Length of Shell In.	Velocity fps @ 3 ft.	Total Pellets
SUPREME® HIGH VELOCITY BUCKSHOT LOADS—COPPERPLATED, BUFFERED SHOT					
12	SB12L00	00 BUCK	3 1/2	1450	15
12	SB12300	00 BUCK	3	1450	12
12	SB1200	00 BUCK	2 3/4	1450	9
SUPREME® DOUBLE X® MAGNUM BUCKSHOT LOADS—COPPERPLATED, BUFFERED SHOT					
12	X123C000B	000 BUCK	3	1225	10
12	X12XC3B5	00 BUCK	3	1210	15
12	X12XC0B5	00 BUCK	2 3/4	1295	12
12	X12XCMB5	4 BUCK	3	1210	41

## SUPER-X® & WINLITE™ BUCKSHOT

Gauge	Symbol	Standard Shot Sizes	Length of Shell In.	Velocity fps @ 3 ft.	Total Pellets
SUPER-X® BUCKSHOT LOADS WITH BUFFERED SHOT					
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	XB1200	00 BUCK	2 3/4	1325	9
12	XB121	1 BUCK	2 3/4	1250	16
12	XB124	4 BUCK	2 3/4	1325	27
20	XB203	3 BUCK	2 3/4	1200	20
SUPER-X® BUCKSHOT LOADS					
410	XB41000	000 BUCK	2 1/2	1300	3
410	XB413	000 BUCK	3	1135	5
WINLITE™ BUCKSHOT LOADS					
12	WL1200	00 BUCK	2 3/4	1125	9

## SUPREME® & SUPER-X® BUCKSHOT

- ▷ UP TO 1,450 FEET PER SECOND HIGH VELOCITY
- ▷ TIGHT, FLAT SHOOTING, LONG RANGE PATTERN
- ▷ COPPERPLATED HARD SHOT—IN SUPREME
- ▷ HIGHEST PERFORMANCE WINCHESTER BUCK SHOT LOADS



SUPREME®



SUPREME® BRI®



SUPER-X® RIFLED



# RIMFIRE AMMUNITION

Cartridge	Brand	Symbol	Bullet Wt. (Grs.)	Bullet Type	Rounds Per Box	Features
22 Win Mag	Supreme®	S22WM	34	JHP	50	Our highest energy 22 Win Mag.
▶ 22 Win Mag	Supreme	S22M2	30	JHP	50	Lightning fast Jacketed Hollow-Point, flat shooting and accurate.
22 Win Mag	Super-X®	X22MH	40	JHP	50	Controlled expansion, flat shooting and accurate.
22 Win Mag	Super-X	X22M	40	FMJ	50	Full Metal Jacket, deep penetration, flat shooting and accurate.
22 Win Mag	USA DynaPoint®	USA22M	45	DP	50	DynaPoint bullet, value priced. .22 Win Mag.
17 HMR	Supreme	S17HMR	17	Poly Tip VMAX®	50***	Lightning fast, flat shooting, plastic tip-varmint.
17 HMR	Super-X	X17HMR2	20	JHP	50***	Super fast, explosive upset, great for varmints, improved wind-bucking characteristics.
▶ 22 Long Rifle	Super-X	XHV22LR	40	LHP Lubaloy® Plated*	50	Winchester's fastest Long Rifle varmint & small game round available. 40-grain bullet provides plenty of punch at 1435 fps.
▶ 22 Long Rifle	Super-X Super Speed®	X22LRSS1	40	LRN Lubaloy Plated*	100***	40-grain bullet with Super Speed velocity is the best plinking round available. Round nose design preserves meat.
▶ 22 Long Rifle	Super-X Power-Point®	X22LRPP1	40	PP Lubaloy Plated*	100***	Unique Power-Point hollow-point design for maximum expansion. Highly accurate.
22 Long Rifle	Super-X Power-Point	X22LRPP	40	PP Lubaloy Plated*	50	Unique Power-Point hollow-point design for maximum expansion. Highly accurate.
22 Long Rifle	Super-X	X22LR	40	LRN Lubaloy Plated*	50	Great small game round. 40 grain bullet provides plenty of punch. Round nose design preserves meat.
22 Long Rifle	Super-X Match	XT22LR	40	LRN Standard Velocity	50	Standard velocity. Great competition round.
▶ 22 Long Rifle	Super-X Sub-Sonic	X22LRSUBA	40	LHP	50	Quiet but effective at low speeds for pests & small game.
▶ 22 Long Rifle	Super-X Super Speed	X22LRHSS1	37	LHP Lubaloy Plated*	100***	37-grain hollow-point bullet with Super Speed velocity.
22 Long Rifle	Super-X	X22LRH	37	LHP Lubaloy Plated*	50	High velocity hollow-point stops them in their tracks.
22 Long Rifle	Super-X	X22LRS	N/A	#12 Shot	50	Awesome pest control.
22 Long Rifle	Wildcat®	WW22LR	40	LRN	50	Value priced, all around 22. Lead round nose bullet design.
22 Long Rifle	Dyna-Point	WD22LRB	40	DP	500	Value priced and accurate. Great choice for target/plinking.
22 Long Rifle	Xpert®	XPERT22	36	LHP	500	Value priced bulk pack for plinking & varmints.
▶ 22 Long	Super-X CB-Match	X22LRCBMA	29	LRN	50	Sub-sonic, low noise pest control or match grade plinking.
22 Short	Super-X	X22S	29	LRN Lubaloy Plated*	50	No better short round for small game and plinking, low noise.
22 Short	Super-X	X22SB	N/A	BLANK-BLACK POWDER	50	22 short blank round. Great for dog training.
22 WRF	Super-X	22WRF	45	LFN Lubaloy Plated*	50	Vintage 22 round for antique rifles.

## ABBREVIATIONS

LFN-LEAD FLAT NOSE  
FMJ-FULL METAL JACKET  
\*\*\* CONVENIENT PLASTIC PACK

LHP-LEAD HOLLOW POINT  
DP-DYNAPOINT  
PP-POWER POINT

JHP-JACKETED HOLLOW POINT  
\* LUBALOY® PLATING REDUCES FOULING  
LRN-LEAD ROUND NOSE

▶ NEW PRODUCT



	GAME GUIDE**					RIFLE					HANDGUN		
	Varmint	Small Game	Target/ Plinking	Pest Control	Low Noise/ Training	Velocity		Energy		Mid Range Traj. (100 yards)	Barrel Length (Inches)	Muzzle Velocity (fps)	Muzzle Energy (ft. lbs.)
						Muzzle	100 yds.	Muzzle	100 yds.				
	X	X				2120	1435	339	155	1.4	6.5	1690	216
	X	X				2250	TBD	-	-	-	-	-	-
	X	X				1910	1326	324	156	1.7	6.5	1480	195
	X	X				1910	1326	324	156	1.7	6.5	1480	195
		X				1550	1147	240	131	2.5	6.5	1120	125
	X					2550	1915	245	138	0.9	6.5	2040	157
	X	X				2375	1776	250	140	1.0	6.5	1830	149
	X	X				1435	TBD	TBD	TBD	TBD	TBD	TBD	TBD
		X	X			1300	1038	150	96	3.3	6	1105	108
		X				1280	1001	145	89	3.5	6	1085	105
		X				1280	1001	145	89	3.5	6	1085	105
		X	X			1255	1017	140	92	3.6	6	1060	100
			MATCH			1150	976	117	85	4.0	6	950	80
		X		X	X	1065	922	101	76	4.5	6	870	67
		X				1330	1038		88	3.2	6	1135	106
		X				1280	1015	135	85	3.5	6	1085	97
				X		N/A	-	-	-	-	-	-	-
			X			1255	1017	140	92	3.5	6	1060	100
		X	X			1150	976	117	85	4.0	6	950	80
	X		X			1220	956	119	73	3.9	6	925	68
			X	X	X	770	681	38	30	3.9	6	575	21
		X	X	X	X	1095	903	77	52	4.5	6	1010	66
			X			1300	1023	169	105	3.4	6	1105	122

## RIMFIRE CARTRIDGE TYPE



22 WIN MAG



17 HMR



22 LONG RIFLE



22 SHORT



22 LONG RIFLE #12 SHOT



22 WINCHESTER RIMFIRE (WRF)

### \*\*GAME GUIDE:

IT IS IMPORTANT TO UNDERSTAND THAT RIMFIRE AMMUNITION IS VERY VERSATILE AND HAS BROAD CROSS-OVER WITH MANY APPLICATIONS. THIS GAME/USAGE GUIDE IS A "STARTING POINT" FOR THE BEGINNER SPORTSMAN TO GUIDE THE USER IN PRODUCT USAGE APPLICATIONS. AS YOU BECOME MORE EXPERIENCED AND KNOWLEDGEABLE, BROADER USAGE APPLICATIONS ARE POSSIBLE. CHOOSING A ROUND IS SUBJECTIVE AND WILL VARY DEPENDING ON PERSONAL PREFERENCE, THE GUN USED, ENVIRONMENTAL CONDITIONS AND OTHER FACTORS.

# WINCHESTER COMPONENTS

## RIFLE & HANDGUN BULLETS

RIFLE BULLETS						HANDGUN BULLETS					
Caliber	Nominal Bullet Diameter	Bullet Weight	Bullet Type	Symbol	Qty/Bag	Caliber	Nominal Bullet Diameter	Bullet Weight	Bullet Type	Symbol	Qty/Bag
<b>RIFLE BULLETS—CONSUMER PACK METALLIC COMPONENTS (PLASTIC BAG)</b>						<b>HANDGUN BULLETS—CONSUMER PACK METALLIC COMPONENTS (PLASTIC BAG)</b>					
22	.224	46 GR.	HP	WB22HP46	100	380	.356	95 GR.	FMJ	WB380MC95	100
22	.224	50 GR.	PSP	WB222PSP50	100	38	.356	130 GR.	FMJ	WB38MC130	100
22	.224	55 GR.	FMJBT	WB556MC55	100	9MM	.355	115 GR.	STHP	WB9ST115	100
22	.224	55 GR.	PSP	WB223PSP55	100	9MM	.355	115 GR.	FMJ-FLAT BASE	WB9FB115	100
22	.224	64 GR.	PP	WB223PP64	100	9MM	.355	115 GR.	FMJ-HOLLOW BASE	WB9MC115	100
243	.243	80 GR.	PSP	WB243PSP80	100	9MM	.355	115 GR.	JHP-NOTCHED	WB9JHP115	100
270	.277	130 GR.	PP	WB270PP130	100	9MM	.355	147 GR.	STHP	WB9ST147	100
7MM	.284	150 GR.	PP	WB7PP150	100	9MM	.355	147 GR.	JHP-NOTCHED	WB9JHP147	100
7.62	.310	123 GR.	PP	WB762PP123	100	9MM	.355	124 GR.	FMJ-FLAT BASE	WB9MC124	100
30	.308	147 GR.	FMJBT	WB762MC147	100	38/357	.357	110 GR.	JHP-NOTCHED	WB38JHP110	100
30	.308	150 GR.	PP	WB30PP150	100	38/357	.357	125 GR.	JHP-NOTCHED	WB38JHP125	100
30 (30-30)	.308	150 GR.	PPFN	WB30FN150	100	38/357	.357	145 GR.	STHP	WB357ST145	100
30 (308)	.308	180 GR.	PP	WB308SP180	100	38/357	.357	158 GR.	JHP-NOTCHED	WB357HP158	100
44 (44-40)	.426	200 GR.	SP	WB44SP200	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



## 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

## MUZZLELOADING PRIMERS

Symbol	Quantity/Carton
WINCHESTER® TRIPLE SE7EN® MUZZLELOADING PRIMERS	
SML209T7	100

## RELOADING POWDERS

INFORMATION ON THE FULL WINCHESTER LINE WITH RELOADING DATA IS AVAILABLE AT:

[WWW.WWPOWDER.COM](http://WWW.WWPOWDER.COM)

WINCHESTER SMOKELESS PROPELLANT  
6231 ROBINSON  
SHAWNEE MISSION, KS 66202

(913) 362-9455

# WINCHESTER COMPONENTS CONTINUED

## RIFLE & HANDGUN SHELLCASES

UNPRIMED RIFLE SHELLCASES			UNPRIMED HANDGUN SHELLCASES					
Cartridge	Symbol	Quantity/Bag	Cartridge	Symbol	Quantity/Bag	Cartridge	Symbol	Quantity/Bag
CONSUMER PACK METALLIC COMPONENTS (PLASTIC BAG)			CONSUMER PACK METALLIC COMPONENTS (PLASTIC BAG)			CONSUMER PACK METALLIC COMPONENTS (PLASTIC BAG)		
204 RUGER	WSC204RU	100	30-30 WIN.	WSC3030WU	50	380 AUTOMATIC	WSC380AU	100
218 BEE	WSC218BU	100	30-06 SPRINGFIELD	WSC3006SFU	50	30 LUGER	WSC30LU	100
22 HORNET	WSC22HU	100	30-40 KRAIG	WSC3040KU	50	32 SMITH & WESSON	WSC32SWU	100
22-250 REM.	WSC22250U	100	300 WSM	WSC300WSMU	50	32 SHORT COLT	WSC32SCU	100
220 SWIFT	WSC220SU	100	300 WIN. MAG.	WSC300WMU	50	38 SPECIAL	WSC38SU	100
222 REM.	WSC222RU	100	300 SAVAGE	WSC300SU	50	9MM LUGER	WSC9U	100
223 REM.	WSC223RU	100	300 H&H MAG.	WSC300HHU	50	38 SUPER AUTO +P	WSC38AS+U	100
223 WSSM	WSC223WSSU	50	303 BRITISH	WSC303BU	50	9X23MM	WSC923WU	100
225 WIN.	WSC225WU	50	307 WIN.	WSC307U	50	357 SIG	WSC357SIGU	100
243 WIN.	WSC243WU	50	308 WIN.	WSC308WU	50	357 MAGNUM	WSC357MU	100
243 WSSM	WSC243WSSU	50	32 WIN. SPECIAL	WSC32WSU	50	40 SMITH & WESSON	WSC40SWU	100
6MM REM.	WSC6MMRU	50	32-40 WIN.	WSC3240WU	50	10MM AUTO	WSC10MMU	100
25 WSSM	WSC25WSSU	50	7.62X39MM	WSC762X39U	50	41 REM. MAG.	WSC41RMU	100
25-06 REM.	WSC2506RU	50	32-20 WIN.	WSC3220U	50	44 SMITH & WESSON	WSC44SWU	100
25-20 WIN.	WSC2520U	50	8MM MAUSER	WSC8MMAU	50	44 REM. MAG.	WSC44MU	100
25-35 WIN.	WSC2535WU	50	325 WSM	WSC325WSMU	50	45 AUTOMATIC	WSC45AU	100
250 SAVAGE	WSC250SU	50	338 WIN. MAG.	WSC338WMU	50	45 G.A.P.	WSC45GU	100
257 ROBERTS +P	WSC257PU	50	348 WIN.	WSC348WMU	50	45 COLT	WSC45COLTU	100
264 WIN. MAG.	WSC264WMU	50	35 REM.	WSC35REMU	50	454 CASULL®	WSC454CU	100
6.5X55 SWEDISH	WSC6555SU	50	356 WIN.	WSC356U	50	500 SMITH & WESSON	WSC500SWU	50
270 WIN.	WSC270WU	50	358 WIN.	WSC358U	50			
270 WSM	WSC270WSMU	50	375 WIN.	WSC375WU	50			
280 REM.	WSC280RU	50	375 H&H MAG.	WSC375HHU	50			
284 WIN.	WSC284WU	50	38-40 WIN.	WSC3840U	50			
7MM-08 REM.	WSC708RU	50	38-55 WIN.	WSC3855WU	50			
7MM MAUSER	WSC7MMAU	50	44-40 WIN.	WSC4440WU	50			
7MM REM. MAG.	WSC7MMRU	50	45-70 GOVERNMENT	WSC4570GU	50			
7MM WSM	WSC7MMWSMU	50	458 WIN. MAG.	WSC458WMU	50			
30 CARBINE	WSC30CU	100						



### 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
WAA12SL	12	1 OZ. & 1-1/8 OZ.	FOR 1 TO 1-1/8 OUNCE LOADS BUT PINK CAN BE USED ANYWHERE 1 OUNCE F1 WAD WAS RECOMMENDED	
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
WAA28HS	28	3/4 OZ.	USED IN NEW HS HULL ONLY	RED
WAA410HS	.410	1/2 OZ.	USED IN NEW HS HULL ONLY	RED



## WINCHESTER/NRA MARKSMANSHIP QUALIFICATION PROGRAM

In 2007, Winchester continued its commitment to the future of the shooting sports by pledging \$500,000 to permanently endow and become the title sponsor of the officially renamed "Winchester/NRA's Marksmanship Qualification Program."

Many shooting coaches and hunter education instructors consider Marksmanship Qualification an indispensable way to encourage young people and beginning adult shooters to develop their shooting skills, and grow interest in the shooting sports. The program awards medals, patches, and certificates to participants as they achieve progressively higher shooting standards.

Winchester is proud to support this important mission.

For more information on the Winchester/NRA Marksmanship Qualification Program call (703) 267-1505 or visit [www.nrahq.org/education/training/marksmanship](http://www.nrahq.org/education/training/marksmanship). To order a program booklet, call 1-800-336-7402, ordering item #EQ09525.



AA, BRI, CXP, DOUBLE A, DOUBLE X, DRYLOK HI-VELOCITY, DRYLOK SUPER STEEL, DYNAPPOINT, FAIL SAFE, FAIL SAFE DESIGN, HI-IMPACT, HORSE AND RIDER DESIGN, LUBALOX, LUBALOY, OLIN, PLATINUM TIP AND PLATINUM TIP DESIGN, POPPER-LOAD, POWER-POINT, RANGER, SILVERTIP, SUPER-HANDICAP, SUPER-LITE, SUPER MATCH, SUPER PIGEON, SUPER STEEL, SUPER-X, SUPER UNLEADED AND DESIGN, SUPREME ELITE, SUPREME, SXT, SXT DESIGN, T22, W, WESTERN, WILDCAT, WINCHESTER, XPERT, XP3, XTENDED RANGE, XTRA-LITE, AND XX, SUPER CLEAN NT, CONTROLLED EXPANSION PERFORMANCE, POWER-POINT PLUS, UPLAND, WINCLEAN, WINLITE, RACKMASTER, WINGLIDE AND MARK 5 ARE REGISTERED TRADEMARKS OF OLIN CORPORATION.

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