

Ballistics

Rifle Ammunition Product Lines:

AG American Gunner™	C Custom™	FB Full Boar™	PH Precision Hunter™	SM Superformance® Match	V Varmint Express®
AW American Whitetail®	CL Custom Lite®	LEV LEVERevolution®	S Steel Match®	SV Superformance® Varmint	VM Vintage Match™
B Hornady BLACK™	DG Dangerous Game™ Series	M Match™	SF Superformance®	T TAP® FPD™	

Hornady® Bullet Types:

A-MAX®	DGX® . . . Dangerous Game™ eXpanding	FP Flat Point	GMX® . . . Copper Alloy eXpanding	LRN . . . Lead Round Nose	RN Round Nose	SST® . . . Super Shock Tip
BT Boattail	ELD-X® Extremely Low Drag - eXpanding	FPB® . . . Flex Tip® Projectile Blackpowder	HP Hollow Point	ML Muzzleloading	SIL Silhouette	V Vented
BTHP . . Boattail Hollow Point	ELD® Match	FTX® . . . Flex Tip® eXpanding	InterBond®	MonoFlex®	SJ Short Jacket	V-MAX®
DGS® . . Dangerous Game Solid	FMJ . . . Full Metal Jacket		L Swaged Lead Bullet	NTX® . . . Non-Traditional eXpanding	SP Spire Point	XTP® . . . eXtreme Terminal Performance™
				OTM . . . Open-Tip Match	SP-RP . . Spire Point Recoil Proof	

Rifle Ballistics

Ammo Description		Velocity (fps)							Energy (ft/lb)							Trajectory Tables (inches)					
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
V	17 Mach 2	15.5 gr. NTX®	83176	2050	1450	1070	—	—	—	145	72	39	—	—	—	-1.5	0	-15.6	—	—	—
V	17 Mach 2	17 gr. V-MAX®	83177	2100	1531	1133	—	—	—	166	88	48	—	—	—	-1.5	0	-13.8	—	—	—
V	17 HMR	15.5 gr. NTX®	83171	2525	1830	1291	—	—	—	219	115	57	—	—	—	-1.5	0	-9.3	—	—	—
V	17 HMR	17 gr. V-MAX®	83170	2550	1902	1379	—	—	—	245	137	72	—	—	—	-1.5	0	-8.5	—	—	—
V	17 HMR	20 gr. XTP®	83172	2375	1755	1274	—	—	—	250	137	72	—	—	—	-1.5	0	-10.2	—	—	—
V	17 WSM	20 gr. V-MAX®	83180	3000	2504	2058	—	—	—	400	278	188	—	—	—	-1.5	0	-4.1	—	—	—
SV	17 Hornet	15.5 gr. NTX®	83004	3860	2924	2159	1531	1108	920	513	294	160	81	42	29	-1.5	1.4	0	-9.1	-33.7	-86.4
SV	17 Hornet	20 gr. V-MAX®	83005	3650	3077	2574	2122	1721	1383	592	420	294	200	132	85	-1.5	1.1	0	-6.4	-20.7	-46.9
C	17 Hornet	25 gr. HP	83006	3375	2842	2368	1943	1570	1269	632	448	311	209	137	89	-1.5	1.4	0	-7.7	-24.8	-56.2
SV	204 Ruger	24 gr. NTX® (26" Bbl)	83209	4400	3667	3046	2504	2023	1604	1032	717	494	334	218	137	-1.5	0.6	0	-4.3	-14.3	-33.0
SV	204 Ruger	32 gr. V-MAX® (26" Bbl)	83204	4225	3645	3137	2685	2275	1903	1268	944	699	512	368	257	-1.5	0.6	0	-4.1	-13.1	-28.9
SV	204 Ruger	40 gr. V-MAX® (26" Bbl)	83206	3900	3482	3104	2757	2435	2136	1351	1077	855	675	527	405	-1.5	0.7	0	-4.3	-13.2	-28.0
C	204 Ruger	45 gr. SP (26" Bbl)	83208	3625	3188	2793	2431	2096	1791	1313	1015	779	590	439	320	-1.5	1.0	0	-5.4	-16.8	-36.2
V	5.45 x 39mm	60 gr. V-MAX® (Steel Case) (16" Bbl)	8124	2810	2495	2202	1929	1679	1457	1052	830	646	496	376	283	-1.8	1.9	0	-9.1	-27.7	-58.6
B	5.45 x 39mm	60 gr. V-MAX® (Steel Case) (16" Bbl)	81246	2810	2495	2202	1929	1679	1457	1052	830	646	496	376	283	-1.8	1.9	0	-9.1	-27.7	-58.6
V	22 WMR	25 gr. NTX®	83201	2200	1383	974	—	—	—	269	106	53	—	—	—	-1.5	0	-17.5	—	—	—
V	22 WMR	30 gr. V-MAX®	83202	2200	1454	1026	—	—	—	322	141	70	—	—	—	-1.5	0	-15.7	—	—	—
V	22 Hornet	35 gr. V-MAX®	8302	3070	2247	1574	1117	918	802	732	392	192	97	65	50	-1.5	2.9	0	-17.5	-62.7	-149.2
C	22 Hornet	45 gr. SP	83028	2665	2241	1858	1523	1252	1071	710	502	345	232	157	115	-1.5	2.8	0	-13.0	-41.2	-91.6
C	218 Bee	45 gr. HP	8307	See hornady.com for the latest information.																	
SV	222 Rem	35 gr. NTX®	8309	3760	3148	2615	2140	1719	1369	1099	770	531	356	230	146	-1.5	1.0	0	-6.2	-20.1	-46.0
SV	222 Rem	50 gr. V-MAX®	8316	3345	2930	2553	2205	1886	1599	1242	953	723	540	395	284	-1.5	1.3	0	-6.7	-20.6	-44.3
SV	223 Rem	35 gr. NTX®	83266	4000	3353	2796	2302	1861	1483	1243	874	607	412	269	171	-1.5	0.8	0	-5.3	-17.3	-39.6
V	223 Rem	40 gr. V-MAX®	8325	3800	3249	2763	2326	1931	1582	1282	937	678	481	331	222	-1.5	0.9	0	-5.5	-17.6	-39.1
FB	223 Rem	50 gr. GMX®	83291	3335	2872	2455	2074	1730	1434	1235	916	669	477	332	228	-1.5	1.4	0	-7.2	-22.6	-49.8
SV	223 Rem	53 gr. V-MAX®	8025	3465	3106	2776	2470	2183	1916	1413	1135	907	718	561	432	-1.5	1.1	0	-5.6	-16.9	-35.6
AG	223 Rem	55 gr. HP	80237	3240	2802	2405	2042	1713	1429	1282	959	706	509	358	249	-1.5	1.5	0	-7.6	-23.6	-51.5
SF	223 Rem	55 gr. GMX®	83274	3250	2849	2482	2144	1834	1557	1290	991	753	561	411	296	-1.5	1.4	0	-7.1	-21.8	-47.0
V	223 Rem	55 gr. V-MAX®	8327	3240	2855	2502	2175	1873	1602	1282	995	764	578	429	313	-1.5	1.4	0	-7.0	-21.4	-45.8
S	223 Rem	55 gr. HP (Steel Case)	80274	3240	2853	2499	2171	1869	1597	1282	994	763	576	427	311	-1.5	1.4	0	-7.0	-21.5	-46.0
B	223 Rem	62 gr. FMJ	80234	3100	2751	2428	2127	1849	1597	1323	1042	811	623	471	351	-1.5	1.6	0	-7.5	-22.7	-48.2

All data from a 24" Bbl, unless otherwise noted.

Ammo Description			Velocity (fps)							Energy (ft/lb)						Trajectory Tables (inches)					
CARTRIDGE	BULLET	ITEM #	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	MUZ	100 yd	200 yd	300 yd	400 yd	500 yd	
C	8 x 57mm Mauser	195 gr. SP	8229	2500	2293	2097	1911	1735	1573	2720	2289	1914	1589	1310	1076	-1.5	2.6	0	-10.5	-30.5	-62.2
VM	8 x 57mm Mauser	196 gr. BTHP	82298	2500	2338	2182	2032	1888	1751	2720	2379	2072	1797	1552	1335	-1.5	2.4	0	-9.8	-27.9	-55.9
LEV	338 Marlin Express	200 gr. FTX®	82240	2565	2365	2174	1992	1820	1659	2922	2484	2099	1763	1471	1221	-1.5	2.4	0	-9.7	-28.3	-57.3
SF	338 RCM	200 gr. SST®	82237	2950	2744	2548	2359	2179	2007	3865	3344	2882	2472	2108	1788	-1.5	1.6	0	-6.9	-20.1	-40.7
SF	338 RCM	225 gr. SST®	82236	2750	2575	2408	2246	2091	1942	3778	3314	2896	2521	2184	1884	-1.5	1.9	0	-7.9	-22.7	-45.5
SF	338 Win Mag	185 gr. GMX®	82226	3080	2851	2633	2426	2228	2039	3897	3338	2848	2417	2038	1708	-1.5	1.4	0	-6.4	-18.8	-38.2
SF	338 Win Mag	200 gr. SST®	82223	3030	2820	2620	2429	2246	2071	4077	3532	3049	2621	2240	1904	-1.5	1.4	0	-6.5	-18.9	-38.3
SF	338 Win Mag	225 gr. SST®	82233	2840	2662	2491	2326	2168	2016	4029	3540	3100	2704	2348	2030	-1.5	1.7	0	-7.3	-21.1	-42.2
M	338 Lapua Mag	250 gr. BTHP	8230	2860	2722	2587	2457	2331	2208	4540	4111	3716	3351	3015	2706	-1.5	1.6	0	-6.8	-19.3	-38.3
C	338 Lapua Mag	250 gr. InterLock® SP-RP	82307	2900	2685	2481	2285	2098	1921	4668	4002	3416	2899	2444	2048	-1.5	1.7	0	-7.3	-21.3	-43.3
M	338 Lapua Mag	285 gr. ELD® Match	82300	2745	2636	2530	2426	2325	2226	4768	4398	4050	3725	3420	3135	-1.5	1.8	0	-7.2	-20.3	-39.8
M	338 Lapua Mag	285 gr. BTHP	82306	2745	2626	2509	2396	2286	2178	4768	4362	3984	3633	3306	3002	-1.5	1.8	0	-7.3	-20.7	-40.7
LEV	35 Rem	200 gr. FTX®	82735	2225	1963	1722	1505	—	—	2198	1711	1317	1006	—	—	-1.5	3.8	0	-15.6	—	—
SF	35 Whelen	200 gr. InterLock® SP	81193	2910	2585	2283	2001	1742	1509	3760	2968	2314	1778	1347	1012	-1.5	1.9	0	-8.6	-25.9	-54.8
C	358 Win	200 gr. InterLock® SP	91318	2475	2180	1906	1655	1434	1248	2720	2110	1612	1217	913	692	-1.5	2.9	0	-12.6	-37.9	-80.3
DG	9.3 x 62mm	286 gr. InterLock® SP-RP	82303	2360	2155	1961	1778	1608	1453	3537	2949	2442	2008	1642	1341	-1.5	0	-6.0	-21.1	-47.2	-86.8
DG	9.3 x 74R	286 gr. InterLock® SP-RP	82304	2360	2155	1961	1778	1608	1453	3537	2949	2442	2008	1642	1341	-1.5	0	-6.0	-21.1	-47.2	-86.8
DG	376 Steyr	225 gr. InterLock® SP-RP	8234	2600	2332	2079	1844	1627	1434	3377	2716	2160	1698	1323	1027	-1.5	0	-4.9	-17.9	-41.2	-77.7
DG	376 Steyr	270 gr. InterLock® SP-RP	8237	2600	2372	2156	1951	1759	1582	4052	3373	2787	2283	1855	1500	-1.5	0	-4.7	-16.9	-38.3	-70.9
SF	375 H&H Mag	250 gr. GMX®	82311	2890	2675	2471	2275	2088	1911	4636	3973	3388	2873	2421	2027	-1.5	1.7	0	-7.4	-21.5	-43.6
DG	375 H&H Mag	270 gr. InterLock® SP-RP SF	8508	2800	2562	2336	2122	1919	1729	4699	3935	3272	2699	2208	1793	-1.5	0	-3.8	-14.0	-32.0	-59.4
DG	375 H&H Mag	270 gr. InterLock® SP-RP	82312	2700	2467	2246	2037	1839	1655	4370	3649	3024	2486	2027	1642	-1.5	0	-4.2	-15.4	-34.9	-64.8
DG	375 H&H Mag	300 gr. DGX®	82322	2530	2223	1938	1678	1448	1256	4263	3292	2503	1875	1396	1050	-1.5	0	-5.6	-20.5	-47.8	-91.9
DG	375 H&H Mag	300 gr. DGX®	82332	2530	2223	1938	1678	1448	1256	4263	3292	2503	1875	1396	1050	-1.5	0	-5.6	-20.5	-47.8	-91.9
SF	375 Ruger	250 gr. GMX®	82310	2890	2675	2471	2275	2088	1911	4636	3973	3388	2873	2421	2027	-1.5	1.7	0	-7.4	-21.5	-43.6
DG	375 Ruger	270 gr. InterLock® SP-RP SF	8231	2840	2600	2372	2156	1951	1759	4835	4052	3373	2786	2283	1855	-1.5	0	-3.7	-13.5	-30.9	-57.4
DG	375 Ruger	300 gr. DGX® SF	82333	2660	2344	2050	1780	1536	1328	4713	3660	2800	2110	1572	1174	-1.5	0	-4.9	-18.1	-42.3	-81.4
DG	375 Ruger	300 gr. DGX® SF	82332	2660	2344	2050	1780	1536	1328	4713	3660	2800	2110	1572	1174	-1.5	0	-4.9	-18.1	-42.3	-81.4
DG	450/400 Nitro Express 3"	400 gr. DGX®	82433	2050	1820	1609	1420	—	—	3732	2940	2298	1791	—	—	-0.9	0	-9.7	-32.8	—	—
DG	450/400 Nitro Express 3"	400 gr. DGS®	8242	2050	1820	1609	1420	—	—	3732	2940	2298	1791	—	—	-0.9	0	-9.7	-32.8	—	—
C	405 Win	300 gr. InterLock® SP	8241	2200	1890	1612	1371	—	—	3224	2380	1730	1252	—	—	-1.5	0	-8.3	-30.2	—	—
DG	416 Rem Mag	400 gr. DGX®	82673	2400	2142	1901	1678	—	—	5115	4075	3208	2500	—	—	-1.5	0	-6.1	-21.9	—	—
DG	416 Rem Mag	400 gr. DGS®	82674	2400	2142	1901	1678	—	—	5115	4075	3208	2500	—	—	-1.5	0	-6.1	-21.9	—	—
DG	416 Ruger	400 gr. DGX®	82665	2400	2142	1901	1678	—	—	5115	4075	3208	2500	—	—	-1.5	0	-6.1	-21.9	—	—
DG	416 Ruger	400 gr. DGS®	82666	2400	2142	1901	1678	—	—	5115	4075	3208	2500	—	—	-1.5	0	-6.1	-21.9	—	—
DG	416 Rigby	400 gr. DGX®	82663	2415	2156	1915	1691	—	—	5180	4130	3256	2540	—	—	-1.5	0	-6.0	-21.6	—	—
DG	416 Rigby	400 gr. DGS®	8265	2415	2156	1915	1691	—	—	5180	4130	3256	2540	—	—	-1.5	0	-6.0	-21.6	—	—
DG	500-416 Nitro Express	400 gr. DGX®	82681	2300	2048	1815	1598	—	—	4698	3725	2927	2269	—	—	-1.5	0	-6.4	-24.3	—	—
DG	500-416 Nitro Express	400 gr. DGS®	82682	2300	2048	1815	1598	—	—	4698	3725	2927	2269	—	—	-1.5	0	-6.4	-24.3	—	—
DG	404 Jeffery	400 gr. DGX®	8238	2300	2053	1823	1611	—	—	4698	3743	2950	2306	—	—	-1.5	0	-6.8	-24.1	—	—
DG	404 Jeffery	400 gr. DGS®	8239	2300	2053	1823	1611	—	—	4698	3743	2950	2306	—	—	-1.5	0	-6.8	-24.1	—	—
SF	444 Marlin	265 gr. InterLock® FP	82453	2400	1974	1601	1295	—	—	3389	2294	1508	987	—	—	-1.5	3.8	0	-17.5	—	—
LEV	444 Marlin	265 gr. FTX®	82744	2325	1971	1654	1381	—	—	3181	2286	1609	1123	—	—	-1.5	3.8	0	-16.6	—	—
B	450 Bushmaster	250 gr. FTX® (20" Bbl)	82246	2200	1835	1515	1255	—	—	2687	1868	1274	874	—	—	-2.4	4.1	0	-19.3	—	—
LEV	45-70 Govt	250 gr. MonoFlex®	82741	2025	1616	1285	1068	—	—	2276	1449	917	634	—	—	-1.5	6.1	0	-27.2	—	—
LEV	45-70 Govt	325 gr. FTX®	82747	2000	1685	1413	1197	—	—	2886	2049	1441	1035	—	—	-1.5	5.5	0	-23.0	—	—
LEV	450 Marlin	325 gr. FTX®	82750	2225	1887	1587	1332	—	—	3572	2570	1816	1280	—	—	-1.5	4.2	0	-18.1	—	—
DG	450 Rigby	480 gr. DGX®	82664	2400	2112	1846	1603	—	—	6138	4755	3630	2739	—	—	-1.5	0	-6.3	-23.0	—	—
DG	450 Rigby	480 gr. DGS®	82662	2400	2112	1846	1603	—	—	6138	4755	3630	2739	—	—	-1.5	0	-6.3	-23.0	—	—
DG	450 Nitro Express 3¼"	480 gr. DGX®	8255	2150	1881	1635	1418	—	—	4927	3769	2850	2144	—	—	-1.5	0	-8.4	-29.9	—	—
DG	450 Nitro Express 3¼"	480 gr. DGS®	8256	2150	1881	1635	1418	—	—	4927	3769	2850	2144	—	—	-1.5	0	-8.4	-29.9	—	—
DG	458 Win Mag	500 gr. DGX® SF	85833	2140	1880	1643	1432	—	—	5084	3924	2996	2276	—	—	-1.5	0	-8.4	-29.8	—	—
DG	458 Win Mag	500 gr. DGS® SF	8585	2140	1880	1643	1432	—	—	5084	3924	2996	2276	—	—	-1.5	0	-8.4	-29.8	—	—
DG	458 Lott	500 gr. DGX®	82613	2300	2029	1778	1551	—	—	5873	4569	3509	2671	—	—	-1.5	0	-7.0	-25.1	—	—
DG	458 Lott	500 gr. DGS®	8262	2300	2029	1778	1551	—	—	5873	4569	3509	2671	—	—	-1.5	0	-7.0	-25.1	—	—
DG	470 Nitro Express	500 gr. DGX®	8263	2150	1885	1643	1429	—	—	5132	3945	2998	2267	—	—	-0.9	0	-8.9	-30.8	—	—
DG	470 Nitro Express	500 gr. DGS®	8264	2150	1885	1643	1429	—	—	5132	3945	2998	2267	—	—	-0.9	0	-8.9	-30.8	—	—
DG	500 Nitro Express 3"	570 gr. DGX®	8268	2150	1889	1651	1439	—	—	5850	4518	3450	2621	—	—	-0.9	0	-8.9	-30.6	—	—
DG	500 Nitro Express 3"	570 gr. DGS®	8269	2150	1889	1651	1439	—	—	5850	4518	3450	2621	—	—	-0.9	0	-8.9	-30.6	—	—
M	50 BMG	750 gr. A-MAX® (36" Bbl)	8270	2815	2727	2641	2557	2474	2393	13196	12386	11619	10889	10196	9538	-1.8	1.4	0	-6.4	-18.2	-35.6

All data from a 24" Bbl, unless otherwise noted.

Muzzleloader Projectile Ballistics

Muzzleloader Ammo Description			Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)					
DESCRIPTION	BULLET WT.	ITEM #	MUZ	50 yd	100 yd	150 yd	200 yd	250 yd	MUZ	50 yd	100 yd	150 yd	200 yd	250 yd	MUZ	50 yd	100 yd	150 yd	200 yd	250 yd
45 Cal. SST®-ML™ Low Drag Sabot	200 gr.	67132	2325	2171	2022	1880	1744	1616	2400	2092	1815	1569	1351	1160	-1.5	2.0	3.0	2.0	-1.0	-7.1
50 Cal. SST®-ML™ Lock-N-Load® Speed Sabot®	250 gr.	67270	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. SST®-ML™ Low Drag Sabot	250 gr.	67273	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. MonoFlex® Lock-N-Load® Speed Sabot®	250 gr.	67269	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. MonoFlex® High Speed Low Drag Sabot	250 gr.	67274	2250	2031	1852	1684	1529	1389	2735	2290	1904	1574	1297	1070	-1.5	1.8	3.0	1.7	-2.7	-11.0
50 Cal. SST®-ML™ Lock-N-Load® Speed Sabot®	300 gr.	67271	2130	1974	1826	1686	1554	1433	3022	2597	2221	1893	1609	1368	-1.5	1.9	3.0	1.6	-2.9	-11.1
50 Cal. SST®-ML™ Low Drag Sabot	300 gr.	67263	2130	1974	1826	1686	1554	1433	3022	2597	2221	1893	1609	1368	-1.5	1.9	3.0	1.6	-2.9	-11.1
50 Cal. FPB® (150 gr. charge)	300 gr.	6605	2100	1942	1792	1651	1519	1399	2938	2512	2139	1816	1538	1303	-1.5	1.9	3.0	1.4	-3.4	-11.9
50 Cal. FPB® (100 gr. charge)	300 gr.	6605	1800	1658	1526	1404	1295	1201	2158	1831	1551	1314	1118	961	-1.5	2.3	3.0	-0.1	-7.6	-20.3
50 Cal. FPB® (150 gr. charge)	350 gr.	6600	1950	1821	1697	1581	1473	1372	2955	2577	2238	1942	1685	1463	-1.5	2.0	3.0	0.9	-4.7	-14.2
50 Cal. FPB® (100 gr. charge)	350 gr.	6600	1620	1509	1406	1312	1230	1159	2039	1769	1536	1338	1176	1043	-1.5	2.7	3.0	-1.1	-10.2	-25.0

All data developed in a stock T/C Omega inline muzzleloader with 150 gr. charges except when noted. Zero your rifle 3" high at 100 yards for a 6" shooting window to 200 yards with 3 pellets or 150 gr. charges.

Shotgun Slug Ballistics

Shotgun Slug Description			Velocity (fps)						Energy (ft/lb)						Trajectory Tables (inches)				
AMMO DESCRIPTION	BULLET	ITEM #	MUZ	50 yd	100 yd	150 yd	200 yd	MUZ	50 yd	100 yd	150 yd	200 yd	MUZ	50 yd	100 yd	150 yd	200 yd		
12 GA SST® Shotgun Slug 2¾"	300 gr. FTX®	8623	2000	1814	1641	1483	1342	2664	2192	1795	1465	1199	-1.5	1.9	2.6	0.0	-6.5		
12 GA Superformance® Shotgun Slug 2¾"	300 gr. MonoFlex®	86236	1950	1742	1552	1383	1239	2533	2022	1605	1274	1022	-1.5	2.1	2.9	0.0	-7.4		
12 GA Custom Lite® Shotgun Slug 2¾"	300 gr. FTX®	86230	1575	1423	1289	1178	1091	1652	1348	1107	924	793	-1.5	3.6	4.5	0.0	-10.7		
12 GA American Whitetail® Shotgun Slug 2¾"	325 gr. InterLock®	86271	1825	1651	1491	1349	1227	2403	1966	1605	1313	1086	-1.5	0.9	0.0	-4.8	-14.3		
12 GA American Whitetail® Rifled Slug 2¾"	1 oz. Rifled Slug	86234	1600	1210	997	882	—	2484	1420	965	754	—	-0.5	2.8	0.0	-11.4	—		
12 GA American Gunner® Reduced Recoil Rifled Slug 2¾"	1 oz. Rifled Slug	86231	1300	1038	907	816	—	1640	1046	798	647	—	-1.5	0.0	-6.5	-23.6	—		
20 GA SST® Shotgun Slug 2¾"	250 gr. FTX®	86232	1800	1628	1471	1331	1212	1798	1471	1201	983	815	-1.5	2.6	3.3	0.0	-8.2		
20 GA Superformance® Shotgun Slug 2¾"	250 gr. MonoFlex®	86237	1800	1628	1471	1331	1212	1798	1471	1201	983	815	-1.5	2.6	3.3	0.0	-8.2		
20 GA Custom Lite® Shotgun Slug 2¾"	250 gr. FTX®	86233	1600	1452	1321	1208	1118	1421	1171	968	810	694	-1.5	3.4	4.2	0.0	-10.1		

Shotgun Ballistics

AMMO DESCRIPTION	SHOT SIZE	SHELL LENGTH	ITEM #	Velocity (fps) muzzle	AMMO DESCRIPTION	SHOT SIZE	SHELL LENGTH	ITEM #	Velocity (fps) muzzle
12 GA Varmint Express® 2¾"	#4 Buck	2¾"	86243	1325	12 GA Heavy Magnum® Turkey 3"	#5	3"	86241	1300
12 GA Critical Defense® 2¾"	00 Buck (8 Pellets)	2¾"	86240	1600	12 GA Heavy Magnum® Turkey 3"	#6	3"	86244	1300
12 GA Superformance® 2¾"	00 Buck (8 Pellets)	2¾"	86246	1600	12 GA Heavy Magnum® Coyote 3"	BB	3"	86222	1300
12 GA American Gunner® 2¾"	00 Buck (8 Pellets)	2¾"	86274	1350	12 GA Heavy Magnum® Coyote 3"	00 Buck	3"	86224	1300
12 GA Hornady BLACK™ 2¾"	00 Buck (8 Pellets)	2¾"	86249	1600	20 GA Heavy Magnum® Turkey 3"	#5	3"	86248	1150
12 GA Heavy Magnum® Turkey 3"	#4	3"	86242	1300	410 Critical Defense® Triple Defense™	FTX® Slug & 2 round balls	2½"	86238	720

12 gauge shotgun ballistics are established with a 30" SAAMI standard test barrel. 20 gauge shotgun ballistics are established with a 26" SAAMI standard test barrel.

Handgun Ammunition Product Lines:

AG American Gunner™

CD Critical Defense®

CDL Critical Defense® Lite

DUTY Critical Duty®

C Custom™

LEV LEVERevolution®

S Steel Match®

Handgun Ballistics

Ammo Description		Velocity (fps)			Energy (ft/lb)					
CARTRIDGE	BULLET	ITEM #	BARREL LENGTH	MUZ	50 yd	100 yd	MUZ	50 yd	100 yd	
CD	22 WMR	45 gr. FTX®	83200	1 7/8 V"	1000	920	857	100	85	73
C	25 Auto	35 gr. XTP®	90012	2"	900	813	742	63	51	43
C	32 Auto	60 gr. XTP®	90062	4"	1000	905	833	133	109	92
CD	32 NAA	80 gr. FTX®	90070	4"	1000	933	880	178	155	137
CD	32 H&R	80gr. FTX®	90060	4"	1150	1039	963	235	192	165
AG	380 Auto	90 gr. XTP®	90104	4"	1000	912	845	200	166	143
C	380 Auto	90 gr. XTP®	90102	4"	1000	912	845	200	166	143
CD	380 Auto	90 gr. FTX®	90080	4"	1000	912	845	200	166	143
CDL	9mm Luger	100 gr. FTX® CD Lite	90240	4"	1125	1003	922	281	224	189
AG	9mm Luger	115 gr. XTP®	90244	4"	1155	1038	958	341	275	234
CD	9mm Luger	115 gr. FTX®	90250	4"	1135	1025	949	329	268	230
AG	9mm Luger +P	124 gr. XTP®	90224	4"	1175	1074	1001	380	317	276
C	9mm Luger	124 gr. XTP®	90242	4"	1110	1027	965	339	290	257
S	9mm Luger	125 gr. HAP	90275	4"	1110	1030	971	339	292	259
DUTY	9mm Luger	135 gr. FlexLock®	90236	4"	1010	960	918	306	276	253
DUTY	9mm Luger +P	135 gr. FlexLock®	90226	4"	1110	1038	983	369	323	289
C	9mm Luger	147 gr. XTP®	90282	4"	975	934	899	310	285	264
C	357 Sig	147 gr. XTP®	9131	4"	1225	1132	1060	490	418	367
DUTY	357 Sig	135 gr. FlexLock®	91296	4"	1225	1112	1031	450	371	319
CDL	38 Special	90 gr. FTX® CD Lite	90300	4"	1200	1037	938	288	215	176
CD	38 Special	110 gr. FTX®	90310	4" V	1010	939	882	249	215	190
CD	38 Special+P	110 gr. FTX®	90311	4" V	1090	996	928	290	242	210
AG	38 Special	125 gr. XTP®	90324	4" V	900	856	817	225	203	185
C	38 Special	158 gr. XTP®	90362	4" V	800	775	751	225	210	198
CD	357 Magnum	125 gr. FTX®	90500	8" V	1500	1312	1163	624	478	376
AG	357 Magnum	125 gr. XTP®	90504	8" V	1500	1313	1165	624	479	377
DUTY	357 Magnum	135 gr. FlexLock®	90511	8" V	1275	1150	1058	487	396	336
LEV	357 Magnum	140 gr. FTX®	92755	8" V	1440	1281	1154	645	510	414
C	357 Magnum	158 gr. XTP®	90562	8" V	1250	1149	1072	548	463	403
CD	9 x 18mm Makarov	95 gr. FTX®	91000	4"	1000	913	846	211	176	151
C	40 S&W	155 gr. XTP®	9132	4"	1180	1060	978	479	387	329
CD	40 S&W	165 gr. FTX®	91340	3"	1045	971	914	400	345	306

Ammo Description		Velocity (fps)			Energy (ft/lb)					
CARTRIDGE	BULLET	ITEM #	BARREL LENGTH	MUZ	50 yd	100 yd	MUZ	50 yd	100 yd	
DUTY	40 S&W	175 gr. FlexLock®	91376	4"	1010	948	899	396	350	314
AG	40 S&W	180 gr. XTP®	91364	4"	950	903	862	361	326	297
C	40 S&W	180 gr. XTP®	9136	4"	950	903	862	361	326	297
C	10mm Auto	155 gr. XTP®	9122	5"	1265	1118	1018	551	430	357
DUTY	10mm Auto	175 gr. FlexLock®	91256	5"	1160	1061	990	523	437	381
C	10mm Auto	180 gr. XTP®	9126	5"	1180	1077	1002	556	463	402
LEV	41 Rem Mag	190 gr. FTX®	9078	See hornady.com for the latest information.						
C	41 Rem Mag	210 gr. XTP®	9077	10"	1545	1383	1244	1113	892	722
C	44-40 Cowboy	205 gr. Cowboy™	9075	7½" V	725	689	655	239	216	195
CD	44 Special	165 gr. FTX®	90700	2½" V	900	847	802	297	263	235
C	44 Special	180 gr. XTP®	9070	7½" V	1000	934	881	400	349	310
C	44 Rem Mag	200 gr. XTP®	9080	7½" V	1500	1332	1194	999	788	633
LEV	44 Rem Mag	225 gr. FTX®	92782	7½" V	1410	1233	1102	993	760	607
C	44 Rem Mag	240 gr. XTP®	9085	7½" V	1350	1230	1133	971	806	684
C	44 Rem Mag	300 gr. XTP®	9088	7½" V	1150	1083	1030	881	781	706
AG	45 Auto	185 gr. XTP®	90904	5"	970	911	862	386	341	305
CD	45 Auto	185 gr. FTX®	90900	3"	900	853	811	333	299	270
C	45 Auto	200 gr. XTP®	9112	5"	900	856	817	360	325	296
DUTY	45 Auto +P	220 gr. FlexLock®	90926	5"	975	927	887	464	420	384
C	45 Auto +P	200 gr. XTP®	9113	5"	1055	981	924	494	427	379
C	45 Auto +P	230 gr. XTP®	9096	5"	950	908	871	461	421	388
CD	45 Colt	185 gr. FTX®	92790	3" V	920	870	826	348	311	280
C	45 Colt	255 gr. Cowboy™	9115	4¾" V	725	687	651	298	267	240
LEV	45 Colt	225 gr. FTX®	92792	4¾" V	960	903	855	460	407	366
C	454 Casull	240 gr. XTP® Mag	9148	7½" V	1900	1678	1478	1924	1500	1164
C	454 Casull	300 gr. XTP® Mag	9150	7½" V	1650	1474	1319	1813	1447	1158
C	460 S&W Mag	200 gr. FTX®	9152	8 3/8"	2200	1941	1703	2149	1673	1288
C	475 Linebaugh	400 gr. XTP® Mag	9140	7½"	1300	1176	1083	1501	1229	1041
C	480 Ruger	325 gr. XTP® Mag	9138	7½"	1350	1191	1077	1315	1024	837
C	50 AE	300 gr. XTP®	9245	6"	1475	1251	1092	1449	1043	795
C	500 S&W Mag	300 gr. FTX®	9249	8½"	1950	1653	1396	2533	1819	1298
C	500 S&W Mag	500 gr. FP-XTP®	9252	8½"	1300	1178	1085	1876	1541	1308