

PYRODEX® AND TRIPLE SEVEN® PELLET DATA

*All conical bullet loads perform best with a felt wad inserted between the Pellets and the base of the bullet.

45 CALIBER LOADS WITH 2-45/50 PYRODEX® OR TRIPLE SEVEN® PELLETS

Bullet or Bullet w/Sabot	Velocity
150 gr. Knight Red Hot	2225 fps
155 gr. T/C XTP	2114 fps
175 gr. Knight Red Hot	2105 fps
180 gr. T/C XTP	2089 fps
225 gr. Power Belt	1795 fps
240 gr. Knight Lead Poly-Tip	1844 fps
275 gr. Power Belt	1693 fps

50 CALIBER LOADS WITH 2-50/50 PYRODEX® OR TRIPLE SEVEN® PELLETS

Bullet or Bullet w/Sabot	Velocity
175 gr. Dead Center	1878 fps
180 gr. Knight Red Hot	1984 fps
200 gr. T/C Shockwave	1876 fps
240 gr. Precision Extreme Elite	1703 fps
245 gr. BAR Spit-Fire TMZ	1785 fps
250 gr. Knight Red Hot	1793 fps
250 gr. Hdy SST 50/45	1785 fps
250 gr. BAR TMZ	1763 fps
250 gr. CVA Slickload	1731 fps
250 gr. T/C Shockwave	1712 fps
260 gr. Spr/MMP Sabot	1737 fps
260 gr. Nosler Partition HG	1733 fps
260 gr. Harvester Scorpion w/Crushrib	1705 fps
265 gr. Swift AF/HP w/crushrib	1718 fps
270 gr. Power Belt AeroTip Platinum	1596 fps
270 gr. Harvester Sabretooth	1630 fps
275 gr. Parker Ballistic Extreme	1703 fps
*275 gr. T/C Maxi Hunter	1584 fps
290 gr. BAR Spit-Fire TMZ	1677 fps
295 gr. Power Belt AeroTip Copper	1600 fps
300 gr. T/C PTX	1641 fps
300 gr. Nosler Partition HG	1677 fps
300 gr. Swift AF/HP w/Crushrib	1642 fps
300 gr. T/C Shockwave w/Superglide	1629 fps
340 gr. Precision Dead Center	1562 fps
348 gr. Power Belt AeroTip Copper	1493 fps
*350 gr. T/C Maxi Hunter	1467 fps
350 gr. Hdy FPB	1533 fps
*370 gr. T/C Maxi Ball	1515 fps
*385 gr. Hdy HB-HP	1503 fps
400 gr. T/C Bonecrusher	1495 fps
405 gr. Power Belt HP Copper	1396 fps
*440 gr. Parker Hydra-Con	1381 fps

Pyrodex and Triple Seven Pellets were developed to give the same pressure and velocity with the volume equivalent measure.

Therefore, they use the same data. Our standard data was developed using 24" barrels, while the Magnum Pellet data was developed using 26" barrels.

50 CALIBER LOADS WITH 2 MAGNUMS

Bullet or Bullet w/Sabot	Velocity
175 gr. Dead Center	2110 fps
200 gr. T/C Shockwave	2148 fps
240 gr. Dead Center	1990 fps
245 gr. Power Belt AeroTip	1899 fps
245 gr. BAR Spit-Fire	2019 fps
250 gr. CVA Slickload	1943 fps
250 gr. BAR Expander MZ	2004 fps
250 gr. Knight Red Hot	2012 fps
250 gr. Hdy SST	2010 fps
250 gr. T/C Shockwave w/Super Glide	2005 fps
260 gr. Harvester Scorpion w/Crushrib	1946 fps
260 gr. Nos Partition	1983 fps
270 gr. CVA AeroTip Platinum	1741 fps
270 gr. Harvester Sabretooth	1870 fps
275 gr. T/C Maxi-Hunter	1759 fps
275 gr. Parker Ballistic Extreme	1941 fps
290 gr. BAR Spit-Fire TMZ	1902 fps
295 gr. Power Belt AeroTip	1819 fps
300 gr. Nos Partition HG	1854 fps
300 gr. Swift AF/HP w/Crushrib	1859 fps
300 gr. T/C SWSG	1848 fps
340 gr. Dead Center	1761 fps
348 gr. Power Belt AeroTip Copper	1722 fps
350 gr. T/C Maxi-Hunter	1599 fps
350 gr. Hdy FPB	1681 fps
385 gr. Hdy HB-HP	1671 fps
400 gr. T/C Bonecrusher	1698 fps
405 gr. Power Belt Cop. HP	1644 fps
440 gr. Parker Hydra-Con	1596 fps

54 CALIBER LOADS WITH 2-54/60 PYRODEX® PELLETS

Bullet or Bullet w/Sabot	Velocity
275 gr. BAR Expander MZ	1821 fps
325 gr. BAR Expander MZ	1713 fps
*425 gr. Hdy Great Plains HB-HP	1479 fps
*435 gr. T/C Maxi-Hunter	1474 fps

TRIPLE SEVEN® 2F & 3F DATA

*All conical bullet loads perform best with a wad between the base of the bullet and the powder.

45 CALIBER TRIPLE SEVEN® 2F AND 3F DATA

Bullet/Bullet w/Sabot	80 gr.2F	100 gr.2F	80 gr.3F	100 gr.3F
150 gr. Knight/Red Hot	2134 fps	2284 fps	2141 fps	2295 fps
175 gr. Dead Center	1858 fps	2005 fps	1895 fps	2025 fps
180 gr. T/C XTP	1993 fps	2108 fps	2003 fps	2225 fps
195 gr. Power Belt	1735 fps	1892 fps	1816 fps	1950 fps
Aero tip Cop.				
200 gr. Hdy SST/ML	1863 fps	1985 fps	1866 fps	2003 fps
225 gr. CVA Power Belt	1720 fps	1905 fps	1742 fps	1925 fps
240 gr. Knight Lead PT	1792 fps	1991 fps	1843 fps	2006 fps

50 CALIBER TRIPLE SEVEN® 2F AND 3F DATA

175 gr. Dead Center	1744 fps	1891 fps	1790 fps	1943 fps
200 gr. T/C Shockwave	1721 fps	1903 fps	1774 fps	1944 fps
240 gr. Precision	1599 fps	1789 fps	1648 fps	1806 fps
Extreme Elite				
240 gr. Hdy XTP 50/44	1703 fps	1883 fps	1761 fps	1927 fps
245 gr. BAR Spit-Fire MZ	1645 fps	1851 fps	1682 fps	1837 fps
250 gr. BAR MZ 50/45	1705 fps	1847 fps	1752 fps	1905 fps
250 gr. CVA Slickloads	1598 fps	1769 fps	1661 fps	1816 fps
250 gr. Hdy SST 50/45	1681 fps	1835 fps	1748 fps	1909 fps
250 gr. T/C Shockwave	1605 fps	1786 fps	1669 fps	1814 fps
250 gr. Harvester	1574 fps	1765 fps	1641 fps	1773 fps
Scorpion Gold				
260 gr. Spr./Blk	1688 fps	1811 fps	1683 fps	1865 fps
Sabot 50/45				
270 gr. Power Belt	1539 fps	1719 fps	1597 fps	1760 fps
AeroTip Plat.				
275 gr. Parker	1569 fps	1656 fps	1619 fps	1758 fps
Ballistic Extreme				
290 gr. BAR Spit-Fire TMZ	1537 fps	1719 fps	1585 fps	1716 fps
295 gr. Power Belt	1501 fps	1664 fps	1554 fps	1691 fps
AeroTip Cop.				
300 gr. T/C XTP 50/45	1600 fps	1746 fps	1642 fps	1819 fps
348 gr. CVA Power Belt	1465 fps	1664 fps	1500 fps	1663 fps
350 gr. Swift AF/HP	1526 fps	1711 fps	1564 fps	1708 fps
350 gr. Hdy Flex Tip FPB	1487 fps	1624 fps	1589 fps	1630 fps
*350 gr. T/C Maxi-Hunter	1422 fps	1573 fps	1484 fps	1614 fps
*385 gr. Hdy HB-HP	1423 fps	1613 fps	1461 fps	1605 fps
400 gr. T/C Bonecrusher	1406 fps	1568 fps	1418 fps	1536 fps
*440 gr. Parker	1323 fps	1468 fps	1309 fps	1453 fps
Hydra-Con				

54 CALIBER TRIPLE SEVEN® 2F DATA CONT.

Bullet/Bullet w/Sabot	100 gr.2F	120 gr.2F
250 gr. Parker Jacketed H.C.	1689 fps	1858 fps
250 gr. Nos Shots 54/45	1789 fps	1884 fps
260 gr. Harvester Scorpion F.P.	1711 fps	1853 fps
265 gr. Swift AF/HP	1711 fps	1853 fps
275 gr. BAR Expander MZ	1713 fps	1859 fps
300 gr. T/C Mag Express	1741 fps	1841 fps
325 gr. BAR Expander MZ	1625 fps	1773 fps
348 gr. CVA Power Belt	1623 fps	1728 fps
352 gr. Spr/Blk Sabot 54/45	1692 fps	1775 fps
*360 gr. T/C Maxi-Hunter	1604 fps	1691 fps
*425 gr. Hdy HB-HP	1496 fps	1631 fps
*435 gr. T/C Maxi-Hunter	1459 fps	1588 fps

58 CALIBER TRIPLE SEVEN® 2F DATA CCI MUSKET CAPS

Bullet/Bullet w/Sabot	80 gr.2F	100 gr.2F
410 gr. Hodgdon Mold	1380 fps	1542 fps
*525 gr. Hdy HB-HP	1294 fps	1428 fps
*560 gr. T/C Maxi-Hunter	1247 fps	1395 fps

TRIPLE SEVEN® 2F CARTRIDGE DATA FOR PISTOL AND RIFLE

CARTRIDGE	BULLET	POWDER MEASURE SETTING	VELOCITY
38 Special	125 gr. LRNFP	20 GR.	931 fps
38 Special	158 gr. LSWC	15 GR.	785 fps
38-40 WCF	180 gr. Cast LRNFP	30 GR.	887 fps
44 Special	200 gr. Cast LRNFP	25 GR.	907 fps
44 Special	240 gr. Cast LSWC	20 GR.	778 fps
44-40 WCF	200 gr. Cast LRNFP	30 GR.	830 fps
44 Rem Mag	200 gr. Cast LRNFP	30 GR.	984 fps
44 Rem Mag	240 gr. Cast LSWC	25 GR.	868 fps
45 Colt	200 gr. Cast LRNFP	35 GR.	959 fps
45 Colt	250 gr. Cast LRNFP	30 GR.	838 fps
38-55 Win	250 gr. Lyman Cast	35 GR.	1261 fps
40-65 Win	400 gr. Buffalo Arms LRNFP	50 GR.	1152 fps
45-70 Gov't	405 gr. Cast LFP	60 GR.	1260 fps
45-70 Gov't	485 gr. Cast LFP	60 GR.	1161 fps
45-120 Sharps	500 gr. Lyman #457193	95 GR.	1511 fps
45-120 Sharps	500 gr. Lyman #457125	95 GR.	1375 fps

45 CALIBER PYRODEX® 2F (RS) AND 3F (P) DATA

Bullet/Bullet w/Sabot	80 gr.2F	100 gr.2F	80 gr.3F	100 gr.3F
150 gr. Knight/Red Hot	1969 fps	2124 fps	2089 fps	2124 fps
180 gr. T/C XTP	1856 fps	1956 fps	1887 fps	1990 fps
240 gr. Knight Lead PT	1644 fps	1802 fps	1682 fps	1818 fps
225 gr. CVA Power Belt	1579 fps	1741 fps	1604 fps	1756 fps

50 CALIBER PYRODEX® 2F AND 3F DATA PYRODEX® RS & SELECT (2F DATA), PYRODEX® P (3F DATA)

Bullet/Bullet w/Sabot	80 gr.2F	100 gr.2F	80 gr.3F	100 gr.3F
240 gr. Hdy XTP 50/44	1555 fps	1719 fps	1595 fps	1775 fps
250 gr. Bar. MZ 50/45	1537 fps	1700 fps	1604 fps	1792 fps
250 gr. Hdy SST 50/45	1567 fps	1706 fps	1592 fps	1773 fps
260 gr. Spr./Blk. Sabot 50/45	1520 fps	1647 fps	1548 fps	1717 fps
300 gr. Nos Shots 50/45	1500 fps	1613 fps	1565 fps	1658 fps
300 gr. T/C XTP 50/45	1451 fps	1593 fps	1489 fps	1667 fps
348 gr. CVA Power Belt	1336 fps	1509 fps	1392 fps	1560 fps
385 gr. Hdy conical w/wad	1297 fps	1433 fps	1333 fps	1499 fps
410 gr. Hdy conical w/wad	1266 fps	1408 fps	1304 fps	1415 fps

All conical bullet loads perform best with a wad between the base of the bullet and the powder.

54 CALIBER PYRODEX® 2F DATA PYRODEX® RS & SELECT (2F DATA)

Bullet/Bullet w/Sabot	100 gr. 2F	120 gr. 2F
250 gr. Nos Shots 54/45	1581 fps	1705 fps
300 gr. T/C Mag. Express 54/45	1518 fps	1650 fps
348 gr. CVA Power Belt	1442 fps	1567 fps
352 gr. Spr./Blk. Sabot 54/50	1540 fps	1669 fps
360 gr. T/C Max. Hunter w/wad	1435 fps	1577 fps
425 gr. Hdy Conical w/wad	1364 fps	1482 fps

58 CALIBER PYRODEX® 2F DATA PYRODEX® RS & SELECT (2F DATA)

Bullet/Bullet w/Sabot	80 gr. 2F	100 gr. 2F
410 gr. Hodgdon Mold	1179 fps	1348 fps
525 gr. Hdy. HB-HP	1122 fps	1269 fps
560 gr. T/C Maxi-Hunter	1123 fps	1274 fps

MUZZLE LOADING PISTOLS 45 CALIBER PYRODEX® 2F (RS) AND 3F (P) DATA

CALIBER	ROUND BALL	POWDER	POWDER SETTING	VELOCITY
40 Cal.	395	Pyrodex P	30 GR.	840 fps
45 Cal.	440	Pyrodex P	35 GR.	820 fps
50 Cal.	490	Pyrodex P	45 GR.	790 fps

PATCHED ROUND BALL DATA

CALIBER	ROUND BALL	POWDER	POWDER MEASURE SETTING			
			40 GR.	50 GR.	60 GR.	70 GR.
45 Cal.	440 Hdy RB/.020 Ox-Yoke patch	Triple Seven 2F	1534 fps	1692 fps	1926 fps	
45 Cal.	440 Hdy RB/.020 Ox-Yoke patch	Pyrodex RS/Select	1426 fps	1574 fps	1772 fps	
			70 GR.	80 GR.	90 GR.	100 GR.
50 Cal.	490 Spr RB/.020 Ox-Yoke patch	Triple Seven 2F	1744 fps	1842 fps	1925 fps	1988 fps
50 Cal.	490 Spr RB/.020 Ox-Yoke patch	Pyrodex RS/Select	1594 fps	1701 fps	1787 fps	1851 fps
			80 GR.	90 GR.	100 GR.	120 GR.
54 Cal.	530 Hdy RB/.020 Ox-Yoke patch	Triple Seven 2F	1667 fps	1775 fps	1846 fps	1943 fps
54 Cal.	530 Hdy RB/.020 Ox-Yoke patch	Pyrodex RS/Select	1559 fps	1659 fps	1729 fps	1812 fps

CAP AND BALL REVOLVER DATA

CALIBER/REVOLVER	ROUND BALL	POWDER	10 GR.	15 GR.	20 GR.	25 GR.	30 GR.	35 GR.	40 GR.
31 Cal.	320 HDY RB/Ox-Yoke w/wad	Pyrodex P	580 fps						
36 Cal. 1851 Navy Steel Frame	375 HDY RB/ Ox-Yoke w/wad	Triple Seven 3F		662 fps	832 fps				
36 Cal. 1851 Navy Steel Frame	375 HDY RB/Ox-Yoke w/wad	Pyrodex P					935 fps		
44 Cal. 1858 Rem Steel Frame	454 HDY RB/Ox-Yoke w/wad	Triple Seven 3F			536 fps	763 fps			
44 Cal. 1858 Rem Steel Frame	454 HDY RB/Ox-Yoke w/wad	Pyrodex P						910 fps	
44 Cal. 1860 Army Steel Frame	451 SPR RB/Ox-Yoke w/wad	Triple Seven 3F			524 fps	592 fps			
44 Cal. 1860 Army Steel Frame	451 SPR RB/Ox-Yoke w/wad	1-Pyrodex Pellet					800 fps		
45 Cal. Ruger Old Army	457 HDY RB/Ox-Yoke w/wad	Triple Seven 3F					845 fps	987 fps	
45 Cal. Ruger Old Army	457 HDY RB/Ox-Yoke w/wad	Pyrodex P							986 fps