



# HODGDON®

## BASIC MUZZLELOADING MANUAL

**triple  
se7en**®

**Pyrodex**®

# triple seven®

**HODGDON® TRIPLE SEVEN MUZZLELOADING PROPELLANT makes clean up a breeze. Both your rifle and hands wash up with plain water, and the place where you did the work can be easily wiped down using just a damp paper towel. Fast. Clean. Done.**



## FFG GRANULAR POWDER

The revolutionary granulated muzzle-loading propellant that cleans up with water alone. Contains no sulfur, so there are no strong smells and clean-up is a breeze. Triple Seven granulated powder is intended for use in shotguns and rifles, 45 caliber and larger, as well as cartridges.

## FFFG GRANULAR POWDER

The same great powder as FFG with smaller grain size intended for use in pistols and rifles of 50 caliber and smaller. Easy clean-up just like standard Triple Seven.



## 50 CALIBER MAGNUMS

The newest entry in muzzleloading from Hodgdon Powder Company is the Triple Seven Magnums Pellets. With two Triple Seven Magnums you can achieve an additional 200-250 fps. In 26" in-line barrels this will normally result in muzzle velocity of approximately 2,000 fps.



## 50 CALIBER - 50 GRAIN PELLETS

Designed for use in 50 caliber in-line rifles. A single Pellet may be used for target or small game and two 50/50 Pellets may be used to create the 100 gr. equivalent for big game. Packed 100 Pellets to the box or 24 Pellets to the card. Easy clean-up, just like Triple Seven granular powder. Designed for use with 209 shotshell primers only.



## 50 CALIBER - 30 GRAIN PELLETS

The 50/30 Pellets are designed for use in conjunction with 50/50 Pellets to tailor loads specific to a given rifle. The 50/30 Pellets may be used in any combination with 50/50 or other 50/30 Pellets in charges up to a maximum of 100 grains. Packed 100 Pellets to the box or 24 Pellets to the card. Easy clean-up, just like Triple Seven granular powder. Designed for use with 209 shotshell primers only.



## 45 CALIBER - 50 GRAIN PELLETS

The 45/50 Pellets are designed for in-line 45 caliber rifles. As with all Triple Seven products, clean-up is quick and easy with plain water. These Pellets may be used in 45 caliber rifles for game from squirrel to deer. Designed for use with 209 shotshell primers only.



# Pyrodex

**Pyrodex® is the original replica muzzle loading powder. It is still the value standard.**

## PYRODEX® P - PISTOL POWDER

The principle use for Pyrodex P is in all pistols and in smaller bore rifles, 45 caliber and down. P is also useful as a priming charge in guns which have a tortuous or fouled ignition channel or other ignition problems. P compares to 3F black powder on a particle size basis.



## PYRODEX® RS - RIFLE/SHOTGUN POWDER

Pyrodex RS can be used in all calibers of percussion muzzleloading rifles and shotguns. It has a wide application of uses and is the most versatile powder in the Pyrodex line. Like all grades of Pyrodex, it burns cleaner and produces less fouling than black powder. RS compares to 2F black powder on a particle size basis.



## PYRODEX® SELECT - RIFLE/SHOTGUN POWDER

Select is an enhancement of our RS grade of Pyrodex. Using RS or 2F data in a volumetric measure, Select can significantly reduce group size. Wonderful news to the deer hunter is that Select performs well with sabots and conical bullets. Select has also become a favorite among many black powder cartridge shooters because of its exceptional consistency. For target use it is the "best of the best".





## 50 CALIBER - 50 GRAIN PELLETS

The original Pyrodex® Pellet designed for use in 50 caliber, in-line rifles. A single 50/50 pellet may be used for a light target or small game load while two 50/50 pellets may be combined to provide a potent 100 gr. equivalent load for big game. They are packed 100 pellets to the box and 24 pellets to the card. May be used with standard caps, musket caps or 209 ignition systems.



## 54 CALIBER - 60 GRAIN PELLETS

The convenience of Pyrodex Pellets is also available for 54 caliber rifles. Packed 100 pellets to the box.

## 50 CALIBER - 30 GRAIN PELLETS

Designed as a companion to the original 50/50 Pyrodex Pellet, the 50/30 pellet allows each shooter to tailor loads for a specific rifle, projectile and use. The 50/30 pellets may be used in any combination with other 50/30 pellets or with 50/50 pellets in charges up to a maximum load of 100 gr. equivalent. These pellets are packed 100 pellets to the box or 24 pellets to the card. It may be used with standard caps, musket caps or 209 ignition systems.



## 44/45 CALIBER - 30 GRAIN PISTOL PELLETS

Cap and Ball revolvers just entered the modern age! No flask or spout, no loose powder mess; loading has never been cleaner or easier. These 30 grain volume Pellets are intended for use in 44 or 45 caliber cap and ball revolvers. Packed 100 pellets to the jar. May be used in 45 caliber in-line muzzleloading rifles in conjunction with 50 grain pellets in combinations not exceeding 100 grains.



# USING PYRODEX® AND TRIPLE SEVEN® PELLETS

**BEFORE USING:** Read and understand all warnings and instructions contained on the product label, this pamphlet, and brochure packed in each box.

**INTENDED USE:** Pyrodex and Triple Seven Pellets were designed for use **only** in newly manufactured muzzleloading, **in-line** rifles in calibers 54, 50 and 45. Pyrodex may be used with standard cap, musket cap or 209 primer ignition systems, while Triple Seven uses only a 209 primer ignition system. Use only the correct caliber Pellet designated for the given caliber rifle or pistol. Pyrodex Pellets may be used in cartridges. Pistol Pellets are designed and intended for use **only** in newly manufactured, modern replica 44 and 45 caliber cap and ball revolvers. They may also be used in 45 caliber in-line rifles. **Any** other use of Rifle Pellets or Pistol Pellets is not recommended.

**MISUSE WARNING:** Failure to load firearm in strict accordance with these instructions may cause personal injury or death to the user or bystander, as well as damage to the firearm.

**IMPORTANT:** Each Pyrodex Pellet contains a black ignitor on one end. When loading the Pellet, for best ignition, place the black ignitor end of the Pellet into the barrel first. No orientation is necessary for Triple Seven Pellets, Triple Seven Magnum Pellets or Pyrodex 44/45 pistol pellets.

## GENERAL WARNINGS:

- ◆ Do not take Pellets internally.
- ◆ Do not contaminate Pellets with dirt or moisture.
- ◆ Keep Pellets in original tubes, original box, until ready to use.
- ◆ Do not smoke when handling Pellets.
- ◆ Always wear ear and eye protection when handling, loading and firing firearms and using Pellets.
- ◆ Never mix powders or use nitrocellulose based smokeless powder in muzzleloading firearms.
- ◆ Do not combine Pellets with granulated powder.
- ◆ Do not combine Pellets with those of different caliber sizes or those of any other brand.
- ◆ Do not ignite Pellets in hand or outside of firearm.
- ◆ Do not break, cut or modify Pellets by any means.
- ◆ Keep away from heat, open flame, and sparks. Avoid impact and friction.
- ◆ Store in a cool, dry place.
- ◆ Keep out of reach of children. Handle with care. Do not store with combustibles.
- ◆ Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

**MAXIMUM LOAD WARNING:** Never exceed the loads listed in this brochure or on the packaging labels. Some manufacturers may recommend the use of more Pellets in their rifles and pistols which exceed the number shown by Hodgdon. Hodgdon specifically disclaims any and all liability arising out of the use of any data that exceeds our data, and the user assumes all risk in doing so.

**PROJECTILE WARNING:** Never load and fire a Pellet without a projectile in the barrel, sealed on the Pellet. To do so may cause a burning Pellet to exit the barrel causing personal injury or property damage to the user or bystander. When loading any projectile, be certain the projectile fits the bore snugly and forms a proper gas seal. Make sure projectile is seated all the way down the bore on top of the Pellet. Failure to do so may result in decreased performance, poor accuracy or the possibility of a burning Pellet particle exiting the barrel, which may cause personal injury or property damage to the user or bystander.

# 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

# USING TRIPLE SEVEN® AND PYRODEX® GRANULAR POWDER

**BEFORE USING:** Read safety instructions on the packaging and in this brochure. Keep away from heat, open flame, and sparks. Avoid impact and friction. Store in a cool, dry place.

**INTENDED USE:** Pyrodex and Triple Seven are intended solely to be used in modern in-line, flint lock, percussion and cartridge firearms which have been found by a competent gunsmith to be in safe, shootable condition.

**MISUSE WARNING:** Failure to load firearm in strict accordance with these instructions may cause personal injury or death to the user or bystander, as well as damage to the firearm.

**PYRODEX:** is lighter in weight than black powder and weighs only about 70% as much as black powder. However, because Pyrodex yields more energy per pound than does black powder, the same **volume** of Pyrodex gives similar performance to black powder. An adjustable black powder measure is the correct tool for the job. **Therefore, all Pyrodex loads shown in this manual for muzzleloading guns and cartridge guns are measured by volume, not weight.**

**TRIPLE SEVEN:** is a high energy powder designed to provide the muzzleloading hunter serious knockdown power. To duplicate a black powder load velocity using Triple Seven, set the volumetric charge 15% lower than recommended for black powder. \*See all **WARNINGS**.

**\*WARNING:** Failure to follow the recommendations for use of Pyrodex and Triple Seven could result in injury and/or death to the shooter or bystanders and damage to property.

## GENERAL WARNINGS:

- ◆ Do not take Pyrodex or Triple Seven internally.
- ◆ Do not contaminate Pyrodex or Triple Seven with dirt or moisture.
- ◆ Keep Pyrodex or Triple Seven in original container.
- ◆ Do not smoke when handling Pyrodex or Triple Seven.
- ◆ Always wear ear and eye protection when handling, loading and firing firearms and using Pyrodex or Triple Seven.
- ◆ Never mix powders or use nitrocellulose based smokeless powder in muzzleloading firearms.
- ◆ Do not combine granular powder with Pellets.
- ◆ Do not ignite Pyrodex or Triple Seven in hand or outside of firearm.
- ◆ Do not modify Pyrodex or Triple Seven by any means.
- ◆ Keep away from heat, open flame, and sparks. Avoid impact and friction. Store in a cool, dry place.
- ◆ Keep out of reach of children. Handle with care. Do not store with combustibles.
- ◆ Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

**MAXIMUM LOAD WARNING:** Never exceed loads listed in this brochure or on the packaging labels of Pyrodex or Triple Seven. Some manufacturers may recommend the use of loads that exceed those listed herein, but Hodgdon Powder Company specifically disclaims any and all liability arising out of the use of any data that exceeds our "MAXIMUM LOAD WARNING" and the user assumes all risk in doing so.

## LOADING PYRODEX® & TRIPLE SEVEN® IN CARTRIDGES

**PYRODEX:** The mechanics of reloading metallic cartridges are simple, but one must remember that black powder, Pyrodex and Triple Seven are very inefficient compared to smokeless powders and loading is achieved through the use of a black powder volume measure, not a scale.

**WARNING: NEVER** allow an air space in any cartridge loaded with Pyrodex. The loading density must be 100% by light compression. 100% loading density may be accomplished in two ways: The case is filled with powder to a level that will provide light compression of the powder, up to 1/10", when the bullet is seated. Bottle necked cases must be loaded in this manner. In straight walled cases, filler wads may be used to reduce the powder charge, maintaining 100% loading density. This is done by inserting card or polyethylene wads between the base of the bullet and the powder. Wads should be sized to the internal diameter of the cartridge case. The loader must be careful there are no air spaces in the assembled cartridge. **NEVER** use any other type of filler material. As loads are reduced, if the charge becomes too light, the bullet will fail to exit the bore. As noted before, use a volumetric powder measure designed for blackpowder to measure the loads.

**TRIPLE SEVEN:** Use data specifically developed for Triple Seven FFG, only. Cartridge loads should be used exactly as listed in this pamphlet. A single card or plastic wad may be used to protect the base of the bullet but do not use wads or filler materials to create reduced loads. Loading density should be 100% with light compression not to exceed 1/10". Testing has shown Triple Seven will perform best when the bullet just touches the powder. Allow no airspace between the base of the bullet and the powder. Do not heavily compress powder charges. The use of filler wads, inert fillers or heavy compression may cause a dangerous situation, which could cause injury and/or death to the shooter, bystanders or damage property. Do not create loads for cartridges not listed. Contact Hodgdon Powder Company for recommendations concerning other loads. \*See WARNING above.

# 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 Aero tip Cop.	1735 fps	1892 fps	1816 fps	1950 fps
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 Extreme Elite	1599 fps	1789 fps	1648 fps	1806 fps
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 Scorpion Gold	1574 fps	1765 fps	1641 fps	1773 fps
260 gr. Spr./Blk Sabot 50/45	1688 fps	1811 fps	1683 fps	1865 fps
270 gr. Power Belt AeroTip Plat.	1539 fps	1719 fps	1597 fps	1760 fps
275 gr. Parker Ballistic Extreme	1569 fps	1656 fps	1619 fps	1758 fps
290 gr. BAR Spit-Fire TMZ	1537 fps	1719 fps	1585 fps	1716 fps
295 gr. Power Belt AeroTip Cop.	1501 fps	1664 fps	1554 fps	1691 fps
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 Hydra-Con	1323 fps	1468 fps	1309 fps	1453 fps

## 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

### 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

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

### 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



## SERIOUS KNOCK DOWN POWER.

At 2,000 feet per second, a bullet powered by a pair of Magnums Pellets will knock 'em down hard. No more runaway trophies. No more blood trails to follow. Just muzzleloading power that leaves a big impression.

**NEVER LET ANOTHER ONE GET AWAY.**

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