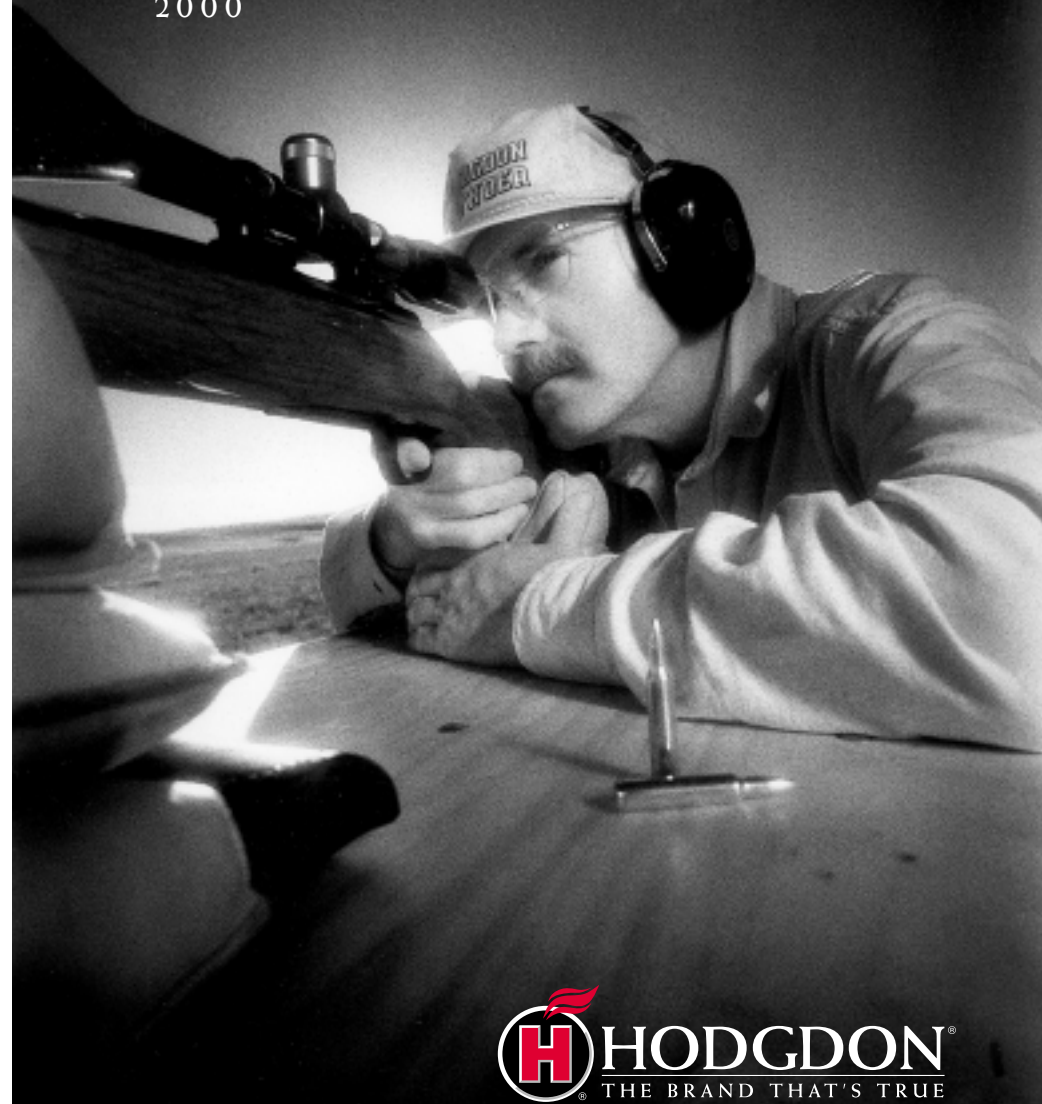


BASIC  
RELOADERS  
MANUAL  
2000



 **HODGDON**<sup>®</sup>  
THE BRAND THAT'S TRUE



## HODGDON *Shotgun/Pistol Powders*

Hodgdon shotgun and pistol powders give shooters uncompromising quality, consistent velocities and clean-burning performance. From 22s to

44 Magnums, 410 to 10 gauge, there's a powder to meet any need.



## HODGDON *Spherical Rifle Powders*

Hodgdon spherical powders are great all-round propellants for a variety of rifles. You'll not only

enjoy consistently high performance, you'll also appreciate the consistent charge weights that Hodgdon spherical powders give you.



## HODGDON *Extreme™ Rifle Powders*

Our exclusive line of extruded rifle powders — Hodgdon Extreme™ — was developed to give shooters consistent performance, load after load, in even the most extreme heat and cold.



## HODGDON *New for 2000*



Benchmark



Long Shot



Pyrodex®  
Ammo Pack

# HODGDON

## Smokeless Propellants

Powder	Type	Container Size
Titewad	Shotshell	14oz 4lb 8lb
Clays	Shotshell/Pistol	14oz 4lb 8lb
International	Shotshell	14oz 4lb 8lb
Titegroup	Pistol	1lb 4lb 8lb
HP-38	Pistol	1lb 4lb 8lb
Universal	Shotgun/Pistol	1lb 4lb 8lb
HS-6	Shotgun/Pistol	1lb 5lb 8lb
HS-7	Shotgun/Pistol	1lb 5lb 8lb
H110	Shotgun/Pistol	1lb 5lb 8lb
Lil' Gun	Shotgun/Pistol	1lb 4lb 8lb
H4227	Pistol/Rifle	1lb 5lb 8lb
H4198	Rifle	1lb 5lb 8lb
H322	Rifle	1lb 5lb 8lb
H335	Rifle	1lb 5lb 8lb
H4895	Rifle	1lb 5lb 8lb
Varget	Rifle	1lb 5lb 8lb
BL-C(2)	Rifle	1lb 5lb 8lb
H380	Rifle	1lb 5lb 8lb
H414	Rifle	1lb 5lb 8lb
H4350	Rifle	1lb 5lb 8lb
H4831	Rifle	1lb 5lb 8lb
H4831SC	Rifle	1lb 5lb 8lb
H1000	Rifle	1lb 5lb 8lb
H870	Rifle	1lb 5lb 8lb
H50BMG	Rifle	1lb 8lb



## WARNING

Ballistic data shown in this manual was obtained in Hodgdon's laboratory under strictly controlled conditions. Your reloads must contain the exact combinations listed in this manual. **NEVER EXCEED** charge recommendations in this manual.

Ballistic data varies considerably depending on many factors, including components used, how such components are assembled, the type of firearm used, and the reloading techniques and safety precautions utilized by the individual.

**NEVER** mix any two powders regardless of type, brand or source. **NEVER** substitute any smokeless powder for black powder or for Pyrodex®.

Hodgdon specifically disclaims any warranties with respect to any and all products sold or distributed by it, the safety or suitability thereof, or the results obtained, whether express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose and/or any other warranty. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries (including death), losses, or damages to persons or property (including consequential damages), arising from the use of any product or data, whether or not occasioned by seller's negligence or based on strict product liability or principles of indemnity or contribution. Hodgdon neither assumes nor authorizes any person to assume for it any liability in connection with the use of any product or data.

The individual assumes the risk of safe loading practices. Failure to do so or violation of any of the above warnings could result in severe personal injury (including death) or gun damage to the user or bystanders.

### USE THIS DATA WITH HODGDON BRAND POWDERS ONLY

Reduce data 10% to start and work up.

**DO NOT EXCEED THE LOADS SHOWN IN THIS GUIDE**

Charter Member

Charter Member



## MISSION STATEMENT

Our mission is to provide quality propellants, other products, and services to sportsmen, governing units, and other businesses in a manner which enhances the quality of life for our stockholders, employees, customers, associates, and suppliers. In doing so, we will deal with integrity and honesty, reflecting that people are more important than dollars and that our purpose is to bring credit to our Lord Jesus Christ.

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## HODGDON POWDER SHOTGUN USAGE



	TARGET				LIGHT FIELD				HEAVY FIELD						
	12 GA	20 GA	28 GA	410 BORE	12 GA	16 GA	20 GA	28 GA	410 BORE	10 GA	12 GA	16 GA	20 GA	28 GA	410 BORE
CLAYS	X				X										
TITEWAD	X				X										
INTERNATIONAL	X	X			X		X								
UNIVERSAL	X	X	X		X	X	X			X	X	X			
HS-6			X			X	X	X		X	X	X			
HS-7						X	X			X	X	X	X	X	
LONGSHOT	X	X	X						X	X	X	X	X	X	
H110				X											X
LIL' GUN				X				X							X

## HODGDON POWDER PISTOL USAGE



	TARGET	LIGHT DUTY	MEDIUM DUTY	MAGNUM
	CLAYS	X	X	
TITEGROUP	X	X		
UNIVERSAL	X	X	X	
HP-38	X	X	X	
HS-6		X	X	
HS-7			X	X
H110			X	X
H4227			X	X
LIL' GUN			X	X

## HODGDON POWDER RIFLE USAGE



	TARGET	SILHOUETTE	LIGHT	MEDIUM	MAGNUM	50 CAL.
	H4227			X		
LIL' GUN			X			
H4198	X		X			
H322	X	X	X	X		
BENCHMARK	X	X	X	X		
H335	X	X	X	X		
H4895	X	X	X	X		
VARGET	X	X	X	X		
BL-C(2)	X	X	X	X		
H380		X		X	X	
H414		X		X	X	
H4350		X		X	X	
H450				X	X	
H4831				X	X	
H4831 SC				X	X	
H1000				X	X	
H870					X	X
H50BMG					X	X

## SMOKELESS PISTOL & SHOTGUN POWDERS

### ▶ EXTREME POWDERS

#### In Order of Approximate Burning Rate

**TITEWAD™** Through advanced technology, Hodgdon Powder Co. has produced a superior flattened spherical shotgun powder. Unlike spherical propellants in the past, TITEWAD features low charge weights, mild muzzle report, minimum recoil and reduced residue for optimum ballistic performance. This outstanding propellant designed for 12 gauge only, meters superbly and is ideal for 7/8, 1 and 1 1/8 ounce loads. As the name implies, "a little goes a long way!"

**CLAYS™** Introduced in January, 1992, CLAYS has "taken the clay target world by storm". It is the most clean burning, consistent 12 ga. 7/8 oz., 1 oz. and 1 1/8 oz. powder available today. The superb burning characteristics of this powder produce soft, smooth recoil, ultra clean burning, mild muzzle report, and excellent patterns. These features transfer directly to handgun applications where target shooting is the main goal. 45 ACP, 38 Special and 9mm are only a few of the cartridges where CLAYS provides "tack driving" target accuracy with flawless functioning.

**INTERNATIONAL™** INTERNATIONAL is the second in the "CLAYS" series of powders. It is positioned in burning speed to accommodate 12 ga., 2 3/4" light, medium and heavy 1 1/8 oz. loads, with some very nice 1oz. listings. Also, it works splendidly in 20 ga., 7/8 oz. target and light field loads. As with CLAYS, clean burning and flawless functioning is the rule.

**TITEGROUP™** As the name implies, this new spherical propellant was designed for accuracy. Because of the unique design, this powder provides flawless ignition with all types of primers including the lead-free versions. Unlike pistol powders of the past, powder position in large cases (45 Colt, 357 Magnum and others) has virtually no effect on velocity and performance. Cowboy Action, Bullseye and Combat Shooters should love this one! TITEGROUP has it all, low charge weight, clean burning, mild muzzle report and superb, uniform ballistics.

**HP38™** HP38 is a spherical pistol powder that is great for low velocity and mid-range target loads in 38 Special, 44 Special and 45 ACP. This high energy powder provides economy in loading.

**UNIVERSAL™** UNIVERSAL handles the broadest spectrum of cartridges for both pistol and shotgun. From the 25 ACP to the 44 Magnum, UNIVERSAL provides outstanding performance. In shotgun, it produces excellent loads in 28 ga. 3/4 oz., 20 ga. 7/8 oz., 16 ga. 1 oz., and even 12 ga. 1 1/4 oz. As with all the "CLAYS" series powders, clean burning and uniformity are part of its attributes.

**HS-6™** HS-6 is a fine spherical propellant that has wide application in pistol and shotshell. In pistol, 9mm, 38 Super, 40 S&W and 10mm Auto are some of the cartridges where HS-6 provides top performance. In shotshell HS-6 yields excellent heavy field loadings in 10 ga., 12 ga., 16 ga., 20 ga., and even the efficient and effective 28 ga. HS-6 is truly an outstanding spherical propellant.

**LONGSHOT™** This new spherical shotshell powder is the most versatile heavy field propellant Hodgdon has ever produced. Great field loads in 10 ga., 12 ga., 16 ga., 20 ga., and 28 ga. are shown herein. This propellant provides true magnum velocities with superb patterns. In addition, LONGSHOT is the best choice for those competitors shooting "race" games such as "Buddy" shoots, "Annie Oakleys" and more.

▶ **H4227** H4227 is the fastest of our Extreme Extruded rifle propellants. Because of its' burning speed, it doubles as a magnum pistol powder. Top applications are the 22 Hornet, 357 Maximum, 357 Magnum, 44 Magnum and the mighty 454 Casull. For stability under extreme conditions, H4227 is the top choice.

**H110™** H110 is the spherical powder that screams "no wimps, please!" It delivers top velocities with top accuracy in the 44 Magnum, 454 Casull and the 475 Linebaugh. Silhouette shooters claim it is the most accurate 44 powder they have ever used. In addition, H110 is "the" choice for the miniscule 410 Bore shotgun. It handles all 2 1/2", 1/2 oz. loads, as well as all 11/16 oz. loads for the 3" version.

**LIL'GUN™** The 410 BORE has long been difficult to load due to shortcomings in powder fit, metering, along with poor burning characteristics. Not any more! LIL'GUN was designed to fit, meter and perform flawlessly in the 410 BORE. No more spilled shot or bulged cases. In addition, LIL'GUN has many magnum pistol applications and is superb in the 22 Hornet.

## SMOKELESS RIFLE POWDERS

### ▶ EXTREME POWDERS

#### In Order of Approximate Burning Rate

▶ **H4198** This Extreme Extruded propellant has gone through some changes since its inception, all the time maintaining the same important burning speed of the past. The kernels were shortened for improved metering and necessary elements were added to make it extremely insensitive to hot/cold temperatures. H4198 is outstanding in cartridges like the 222 Remington, 444 Marlin and the 7.62 x 39.

▶ **H322™** This powder has won more benchrest matches than all other propellants combined. It provides match grade accuracy in small and medium capacity cartridges like the 223 Remington, 6mm PPC and the 7mm TCU. As a fine extruded powder, it flows through powder measures with superb accuracy.

▶ **BENCHMARK™** As the name implies, this Extreme Extruded propellant was developed for precision cartridges. As such, it is ideally suited for benchrest and small varmint cartridges like the 6mm PPC, 22 PPC, 6mm BR, 22 BR, 223 Rem. and 222 Rem.. Additionally, it performs superbly in the 308 Winchester with light match bullets like the 147 gr. and 155 gr. versions. With small, easy metering granules, competitors will love how it flows through progressive presses.

**H335™** H335 originated as a military powder, used for the 5.56 NATO, or 223 Remington as handloaders know it. Obviously, it sees endless use in the 222 Remington, 223 Remington and other small cartridges. In particular, prairie dog shooters will find this a favorite, as J.B. Hodgdon has for years!

▶ **H4895™** H4895 is a most versatile rifle powder. This member of the Extreme Extruded line is great for 17 Remington, 250-3000 Savage, 308 Winchester and 458 Winchester, to name just a few. It is amazingly accurate in every cartridge where it is listed in our data. It had its origin in the 30-06 as a military powder and was the first powder Bruce Hodgdon sold to the loading public.

▶ **VARGET™** The first of Hodgdon's revolutionary Extreme Extruded Powders, VARGET features small extruded grains for uniform metering, insensitivity to hot/cold temperatures and higher energy for improved velocities over other powders in its burning speed class. Easy ignition and clean burning characterize other features that translate into superb accuracy, higher scores and more clean, one shot kills. Outstanding performance and velocity can be obtained in such popular cartridges as the 223 Remington, 22-250 Remington, 308 Winchester, 30-06, 375 H&H and many more.

**BL-C(2)™** BL-C(2) is a spherical powder that began as a military powder used in the 7.62 NATO, commonly known as the 308 Winchester. When it was first introduced to the handloader, benchrest shooters and other target shooters made it an instant success. BL-C(2) works extremely well in the 223 Remington, 17 Remington, 22 PPC and of course, the 308 Winchester, plus many more.

**H380™** H380 was an unnamed spherical rifle propellant when the late Bruce Hodgdon first used it. When a 38.0 grain charge behind a 52 grain bullet gave one hole groups from his 22 caliber wildcat (now called the 22-250), he appropriately named the powder H380. H380 is also a superb performer in the 220 Swift, 243, 257 Roberts and other fine varmint cartridges.

**H414™** This spherical powder has an extremely wide range of use. From the 22-250 Remington to the 375 H&H, it will give excellent results. It is simply ideal in the 30-06. As with all of our spherical powders, it delivers incredibly consistent charge weights through nearly any type of powder measure. H414 yields similar results to H4350 in most cartridges, although charge weights will vary.

▶ **H4350** This Extreme Extruded propellant is a burning speed that has been known to shooters for decades. During that time, Hodgdon has modernized H4350 by shortening the grains for improved metering and making it insensitive to hot/cold temperatures. H4350 is great in such cartridges as the 243 Winchester, 6mm Remington, 270 Winchester, 338 Winchester Magnum and many more. For magnums with light to moderate weight bullets, it can't be beat!

▶ **H4831™** It is probably safe to say more big game has been taken with H4831 than any other powder. Bruce Hodgdon was the first supplier to introduce this popular burning rate in 1950. Since that time it has become a favorite for cartridges like the 270 Winchester, 25-06 Remington, 280 Remington and 300 Winchester Magnum. As an Extreme Extruded propellant it shares the fine quality of insensitivity to hot/cold temperatures, as well as superb uniformity from lot to lot.

▶ **H4831SC™** Ballistically, this Extreme Extruded powder is the exact copy of H4831. Physically, it has a shorter grain size, therefore, the designation SC or short cut. The shorter, more compact kernels allow the powder to flow through powder measures more smoothly, helping to alleviate the constant cutting of granules. With the smoother flow characteristics comes more uniform charge weights, while the individual grains orient more compactly, creating better loading density.

▶ **H1000™** This very slow burning Extreme Extruded powder is perfect for highly overbored magnums like the 7mm Remington Magnum, 7mm STW and the 30-378 Weatherby. In addition, with heavy bullets, H1000 gives top velocity and performance in such cartridges as the 6mm-284, 257 Weatherby, 270 Winchester, and 300 Winchester Magnum. In a short period of time this powder has achieved considerable notoriety among long range match shooters.

**H870™** This spherical powder is great for heavy bullets in big, overbore magnum loads. H870 is also used in the 50 caliber BMG and is the only surplus powder left in the canister line. Because it is inexpensive, it is frequently used in large capacity cases where economy is a major consideration.

▶ **H50BMG** As the name implies, this new generation Extreme Extruded rifle propellant is a clean burning powder designed expressly for the 50 caliber BMG cartridge. Because it shares the same technology as VARGET, H50BMG displays a high degree of thermal stability in temperature extremes.

Tests have conclusively proven that H50BMG yields very low extreme spreads in velocity and pressure. All this translates into small groups at extended ranges!

# HODGDON

THE FAVORITE OF HANDLOADERS Since 1946

## PROPERTIES OF SMOKELESS POWDER

Smokeless powders, or propellants, are essentially mixtures of chemicals designed to burn under controlled conditions at the proper rate to propel a projectile from a gun.

Smokeless powders are made in three forms:

1. Thin, circular flakes or wafers
2. Small cylinders
3. Small spheres

Single-base smokeless powders derive their main source of energy from nitrocellulose.

The energy released from double-base smokeless powders is derived from both nitrocellulose and nitroglycerin.

All smokeless powders are extremely flammable; by design, they are intended to burn rapidly and vigorously when ignited.

Oxygen from the air is not necessary for the combustion of smokeless powders since they contain sufficient built-in oxygen to burn completely, even in an enclosed space such as the chamber of a firearm.

In effect, ignition occurs when the powder granules are heated above their ignition temperature. This can occur by exposing powder to:

1. A flame such as a match or primer flash.
2. An electrical spark or the sparks from welding, grinding, etc.
3. Heat from an electric hot plate or a fire directed against or near a closed container even if the powder itself is not exposed to the flame.

When smokeless powder burns, a great deal of gas at high temperature is formed. If the powder is confined, this gas will create pressure in the surrounding structure. The rate of gas generation is such, however, that the pressure can be kept at a low level if sufficient space is available or if the gas can escape.

In this respect smokeless powder differs from blasting agents or high explosives such as dynamite or blasting gelatin, although smokeless powder may contain chemical ingredients common to some of these products.

High explosives such as dynamite are made to detonate, that is, to change from solid state to gaseous state with evolution of intense heat at such a rapid rate that shock waves are propagated through any medium in contact with them. Such shock waves exert pressure on anything they contact, and, as a matter of practical consideration, it is almost impossible to satisfactorily vent away the effects of a detonation involving any appreciable quantity of dynamite.

Smokeless powder differs considerably in its burning characteristics from common "black powder."

Black powder burns essentially at the same rate out in the open (unconfined) as when in a gun.

When ignited in an unconfined state, smokeless powder burns inefficiently with an orange-colored flame. It produces a considerable amount of light brown noxious smelling smoke. It leaves a residue of ash and partially burned powder. The flame is hot enough to cause severe burns.

The opposite is true when it burns under pressure as in a cartridge fired in a gun. Then it produces very little smoke, a small glow, and leaves very little or no residue. The burning rate of smokeless powder increases with increased pressure.

## PROPERTIES OF SMOKELESS POWDER continued

If burning smokeless powder is confined, gas pressure will rise and eventually can cause the container to burst. Under such circumstances, the bursting of a strong container creates effects similar to an explosion.

For this reason, the Department of Transportation (formerly Interstate Commerce Commission) sets specifications for shipping containers for propellants and requires tests of loaded containers – under actual fire conditions – before approving them for use.

When smokeless powder in D.O.T. approved containers is ignited during such tests, container seams split open or lids pop off – to release gases and powder from confinement at low pressure.

## HOW TO CHECK SMOKELESS POWDER FOR DETERIORATION

Although modern smokeless powders are basically free from deterioration under proper storage conditions, safe practices require a recognition of the signs of deterioration and its possible effects.

Powder deterioration can be checked by opening the cap on the container and smelling the contents. Powder undergoing deterioration has an irritating acidic odor. (Don't confuse this with common solvent odors such as alcohol, ether and acetone.)

Check to make certain that powder is not exposed to extreme heat as this may cause deterioration. Such exposure produces an acidity which accelerates further reaction and has been known, because of the heat generated by the reaction, to cause spontaneous combustion.

Never salvage powder from old cartridges and do not attempt to blend salvaged powder with new powder. Don't accumulate old powder stocks.

The best way to dispose of deteriorated smokeless powder is to burn it out in the open at an isolated location in small shallow piles (not over 1" deep). The quantity burned in any one pile should never exceed one pound. Use an ignition train of slow burning combustible material so that the person may retreat to a safe distance before powder is ignited. For more instructions call Hodgdon Powder.

## CONSIDERATIONS FOR STORAGE OF SMOKELESS POWDER

Smokeless powder is intended to function by burning, so it must be protected against accidental exposure to flame, sparks or high temperatures.

For these reasons, it is desirable that storage enclosures be made of insulating materials to protect the powder from external heat sources.

Once smokeless powder begins to burn, it will normally continue to burn (and generate gas pressure) until it is consumed.

D.O.T. approved containers are constructed to open up at low internal pressures to avoid the effects normally produced by the rupture or bursting of a strong container.

Storage enclosures for smokeless powder should be constructed in a similar manner:

1. Of fire-resistant and heat-insulating materials to protect contents from external heat.
2. Sufficiently large to satisfactorily vent the gaseous products of combustion which would result if the quantity of smokeless powder within the enclosure accidentally ignited.

If a small, tightly enclosed storage enclosure is loaded to capacity with containers of smokeless powder, the walls of the enclosure will expand or move outwards to release the gas pressure – if the powder in storage is accidentally ignited.

Under such conditions, the effects of the release of gas pressure are similar or identical to the effects produced by an explosion.

## CONSIDERATIONS FOR STORAGE OF SMOKELESS POWDER

Hence only the smallest practical quantities of smokeless powder should be kept in storage, and then in strict compliance with all applicable regulations and recommendations of the National Fire Protection Association.

## RECOMMENDATIONS FOR STORAGE OF SMOKELESS POWDER

**STORE IN A COOL, DRY PLACE.** Be sure the storage area selected is free from any possible sources of excess heat and is isolated from open flame, furnaces, hot water heaters, etc. Do not store smokeless powder where it will be exposed to the sun's rays. Avoid storage in areas where mechanical or electrical equipment is in operation. Restrict from the storage areas heat or sparks which may result from improper, defective or overloaded electrical circuits.

**DO NOT STORE SMOKELESS POWDER IN THE SAME AREA WITH SOLVENTS, FLAMMABLE GASES OR HIGHLY COMBUSTIBLE MATERIALS.**

**STORE ONLY IN DEPARTMENT OF TRANSPORTATION APPROVED CONTAINERS.** Do not transfer the powder from an approved container into one which is not approved

**DO NOT SMOKE IN AREAS WHERE POWDER IS STORED OR USED.** Place appropriate "No Smoking" signs in these areas.

**DO NOT SUBJECT THE STORAGE CABINETS TO CLOSE CONFINEMENT. STORAGE CABINETS SHOULD BE CONSTRUCTED OF INSULATING MATERIALS AND WITH A WEAK WALL, SEAMS OR JOINTS TO PROVIDE AN EASY MEANS OF SELF-VENTING.**

**DO NOT KEEP OLD OR SALVAGED POWDERS.** Check old powders for deterioration regularly. Destroy deteriorated powders immediately.

**OBEY ALL REGULATIONS REGARDING QUANTITY AND METHODS OF STORING.** Do not store all your powders in one place. If you can, maintain separate storage locations. Many small containers are safer than one or more large containers.

**KEEP YOUR STORAGE AND USE AREA CLEAN.** Clean up spilled powder promptly. Make sure the surrounding area is free of trash or other readily combustible materials.

## 10-3 SMOKELESS PROPELLANTS

**10-3.1** Quantities of smokeless propellants not exceeding 25 lb (11.3 kg), in shipping containers approved by the U.S. Department of Transportation, may be transported in a private vehicle.

**10-3.2** Quantities of smokeless propellants exceeding 25 lb (11.3 kg) but not exceeding 50 lb (22.7 kg), transported in a private vehicle, shall be transported in a portable magazine having wood walls of at least 1 in. (25.4 mm) nominal thickness.

**10-3.3** Transportation of more than 50 lb (22.7 kg) of smokeless propellants in a private vehicle is prohibited.

**10-3.4** Commercial shipments of smokeless propellants in quantities not exceeding 100 lb (45.4 kg) are classified for transportation purposes as flammable solids when packaged according to U.S. Department of Transportation Hazardous Materials Regulations (Title 49, Code of Federal Regulations, Part 173.197a), and shall be transported accordingly.

**10-3.5** Commercial shipments of smokeless propellants exceeding 100 lb (45.4 kg) or not packaged in accordance with the regulations cited in 10-3.4 shall be transported according to U.S. Department of Transportation regulations for Class B propellant explosives.

## 10-3 SMOKELESS PROPELLANTS continued

**10-3.6** Smokeless propellants shall be stored in shipping containers specified by U.S. Department of Transportation Hazardous Materials Regulations.

**10-3.7** Smokeless propellants intended for personal use in quantities not exceeding 20 lb (9.1 kg) may be stored in original containers in residences. Quantities exceeding 20 lb (9.1 kg), but not exceeding 50 lb (22.7 kg), may be stored in residences if kept in a wooden box or cabinet having walls of at least 1 in. (25.4 mm) nominal thickness.

**10-3.8** Not more than 20 lb (9.1 kg) of smokeless propellants, in containers of 1 lb (0.45 kg) maximum capacity, shall be displayed in commercial establishments.

**10-3.9** Commercial stocks of smokeless propellants shall be stored as follows:

- a) Quantities exceeding 20 lb (9.1 kg), but not exceeding 100 lb (45.4 kg), shall be stored in portable wooden boxes having walls of at least 1 in. (25.4 mm) thickness.
- b) Quantities exceeding 100 lb (45.4 kg), but not exceeding 800 lb (363 kg), shall be stored in nonportable storage cabinets having walls of at least 1 in (25.4 mm) thickness. Not more than 400 lb (181 kg) may be stored in any one cabinet and cabinets shall be separated by a distance of at least 25 ft (7.63 m) or by a fire partition having a fire resistance of at least 1 hour.
- c) Quantities exceeding 800 lb (363 kg), but not exceeding 5,000 lb (2268 kg), may be stored in a building if the following requirements are met:
  1. The warehouse or storage room shall not be accessible to unauthorized personnel.
  2. Smokeless propellant shall be stored in nonportable storage cabinets having wood walls at least 1 in. (25.4 mm) thick and having shelves with no more than 3 ft. (0.92 m) separation between shelves.
  3. No more than 400 lb. (181 kg) shall be stored in any one cabinet..
  4. Cabinets shall be located against walls of the storage room or warehouse with at least 40 ft (12.2 m) between cabinets.
  5. Separation between cabinets may be reduced to 20 ft (6.1 m) if barricades twice the height of the cabinets are attached to the wall, midway between each cabinet. The barricades shall extend at least 10 ft. (3 m) outward, shall be firmly attached to the wall, and shall be constructed of 1/4 in. (6.4 mm) boiler plate, 2 in. (51 mm) thick wood, brick, or concrete block.
  6. Smokeless propellant shall be separated from materials classified by the U.S. Department of Transportation as flammable liquids, flammable solids, and oxidizing materials by a distance of 25 ft. (7.63 m) or by a fire partition having a fire resistance of at least 1 hour.
  7. The building shall be protected by an automatic sprinkler system installed according to NFPA 13, Standard for the Installation of Sprinkler Systems.
- d) Smokeless propellants not stored according to (a), (b) and (c) above shall be stored in a Type 4 magazine constructed and located according to Chapter 6.

Reprinted from NFPA495-85, Standard for the Manufacture, Transportation, Storage and Use of Explosive Materials, © 1985, National Fire Protection Association, Quincy, MA 02269. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented by the Standard in its entirety.

**NEVER Exceed the Loads  
Listed in This Publication**



Success...  
Bob Hodgdon and his son Chris Hodgdon with their guide Mark Strickland in Alvin, Texas, using Hodgdon Varget Powder.

# SHOTSHELL DATA

## LOADING DATA

### F O R W A R D

There are many good handbooks available giving the basics of reloading and the beginner should study one or more of them before embarking upon his new hobby. We are assuming that the user of our data manual knows the mechanics of reloading and simply needs a supplement to help him find a good load using the components available to him.

By revising our shotshell data often, we hope to keep fairly well up-to-date with the rapidly changing array of components offered by today's consumer-oriented manufacturers.

### W A R N I N G

The data in this manual was developed in the Hodgdon Laboratory under controlled conditions. No data shown in the ensuing lead data section should be used with steel or Bismuth shot. NEVER substitute components when loading shotshells using this data. Substitution of different components could cause excessive or dangerous pressures, which could damage or destroy your firearm or cause serious personal injury or even death to the user and/or bystanders.

The format provides a convenient presentation of all components used for a given set of data. Loads are listed alphabetically by case type and then alphabetically by primer type with each set of data. In addition, each set of components is shown in even velocity increments corresponding to the old Dram equivalent velocities. This allows the shooter to choose loads similar to factory loadings.

After choosing an appropriate load, be sure to weigh actual charges thrown by the bushing or charge bar. No bushing or charge bar throws the exact charge as listed in the tables. Such changes occur because of small tolerances in bushing sizes, tolerances in bulk density of powder, and the way each loader is mounted and operated. It is important to verify these weights for safety and to insure getting the type load you want.

Since Hodgdon Powder Company has no control over variations in components, reloading tools or reloader's procedures, the individual is solely responsible for any changes in ballistics that may occur using this data.

**Damascus barreled shotguns should NOT be used with any powder due to their weak construction. Barrel rupture may result in injury or death to the shooter and/or bystanders.**

**NEVER Exceed the Loads Listed in This Publication**

## CHILLED SHOT TABLE

Weight Ounces	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	
Weight Grains	219	273	328	383	438	492	547	602	656	711	766	820	875	930	
Loads per Lb.	32	26	21	18	16	14	13	12	11	10	9	9	8	8	
Size	Approximate No. of Pellets per load														
BB	.18	25	31	38	44	50	56	63	69	75	81	88	94	100	106
2	.15	44	55	66	77	88	99	110	121	132	143	154	165	176	187
4	.13	68	85	102	119	136	153	170	187	204	221	238	255	272	289
5	.12	86	108	129	151	172	194	215	237	258	280	301	323	344	366
6	.11	112	139	167	195	223	251	279	307	335	362	390	418	446	474
7	.10	150	187	224	262	299	336	374	411	449	486	523	561	598	635
7 1/2	.095	173	216	259	302	345	388	431	474	518	561	604	647	690	733
8	.09	205	256	307	358	409	460	511	562	614	665	716	767	818	869
8 1/2	.085	240	300	360	420	480	540	600	660	720	780	840	900	960	1020
9	.08	293	366	439	512	585	658	731	804	878	951	1024	1097	1170	1243

## REFERENCE TABLE

### POWDER TABLE

GRAINS PER LOAD	LOADS PER POUND	GRAINS PER LOAD	LOADS PER POUND	GRAINS PER LOAD	LOADS PER POUND
12	583	23	304	34	205
13	538	24	291	35	200
14	500	25	280	36	194
15	466	26	269	37	189
16	437	27	259	38	184
17	411	28	250	39	179
18	388	29	241	40	175
19	368	30	233	41	170
20	350	31	225	42	166
21	333	32	218	43	162
22	318	33	212		

## SHOT CHART

Diameter in Inches								
12 • .05	9 • .08	8 • .09	7 1/2 • .095	6 • .11	5 • .12	4 • .13	2 • .15	BB • .18
APPROXIMATE NUMBER OF PELLETS TO THE OUNCE								
2360	600	405	345	220	170	135	90	50
No. 4 Buck		No. 00						
• .24		• .33						
APPROXIMATE NUMBER TO THE POUND								
340		130						

SHOTSHELL DATA

REFERENCE TABLES



**LEE**

BUSHING							
#	CLAYS	INTER	UNIV	HS6	HS7	H110®	TITEWAD
.095	10.7	12.3	15.2	21.9	22.9	22.5	12.4
.100	11.3	13.0	16.0	23.0	24.1	23.7	13.0
.105	11.8	13.7	16.8	24.2	25.3	24.9	13.7
.110	12.4	14.3	17.6	25.3	26.5	26.1	14.3
.116	13.0	15.1	18.5	26.7	28.0	27.5	15.1
.122	13.7	15.9	19.5	28.1	29.4	28.9	15.9
.128	14.4	16.6	20.4	29.4	30.8	30.3	16.7
.134	15.0	17.5	21.4	30.8	32.3	31.8	17.5
.141	15.8	18.4	22.5	32.4	34.0	33.4	18.4
.148	16.6	19.3	23.6	34.0	35.7	35.1	19.3
.151	16.7	19.6	24.0				19.7
.155	17.3	20.1	24.7	35.7	37.4	36.7	20.4
.163	18.2	21.1	25.9	37.5	39.3	38.6	21.4
.171	19.1	22.0	27.1	39.3	41.2	40.5	22.5
.180	20.1	23.1	28.5	41.4	43.4	42.7	23.6
.189	21.2	24.1	29.9	43.5	45.6	44.8	
.198	22.1	25.2	31.3	45.5	47.7	46.9	26.0

INTERNATIONAL – INTER  
 UNIVERSAL – UNIV  
 LONGSHOT – LGSH

BUSHING									
#	CLAYS	INTER	UNIV	HS6	HS7	H110®	TITEWAD	LIL'GUN	LGSH
7									11.9
8									12.5
9									12.9
10						13.5		13.4	11.0
11						14.4			11.7
12						15.4			12.4
A12				15.5		16.4			13.2
13				16.1	16.6	17.0			13.9
14				17.9	18.4				15.4
15			12.0	18.8	19.3				16.1
16	10.8	12.9	19.8	20.4					17.0
17	11.4	13.5	20.7	21.3					17.8
18	11.8	14.0	21.6	22.3					18.7
19	12.3	14.6	22.6	23.2					19.5
20	12.9	15.5	23.7	24.4		13.3			20.3
21	13.3	16.0	24.7	25.4		13.9			21.2
22	14.3	16.8	25.8	26.6		14.5			22.1
23	14.6	17.4	26.8	27.7		15.2			23.1
24	15.5	18.3	27.9	28.9		15.8			24.0
25	16.0	18.9	28.9	29.9		16.2			24.8
26	16.6	19.1	30.3	31.2		16.9			25.9
27	14.6	17.1	20.2	31.2	32.3	17.6			26.9
28	15.2	17.7	21.1	32.6	33.6	18.3			28.0
29	15.9	18.3	21.7	33.6	34.7	19.0			29.0
30	16.3	19.1	22.7	35.0	36.2	19.7			30.1
31	16.9	19.9	23.4	36.2	37.4	20.4			31.1
32	17.5	20.6	24.4	37.8	38.9	21.4			32.2
33	18.2	21.2	25.2	39.0	40.1	22.2			33.3
34	18.9	21.9	26.0	40.4	41.5	23.0			34.5
35	19.4	22.6	26.7	41.1	42.4	23.4			35.6
36	20.1	23.4	27.6	43.0	44.4	24.0			36.7
37	20.7	24.2	28.7	44.4	45.7	25.3			38.0
38	21.4	25.1	29.7	46.2	47.4				39.3
38A	22.2	26.0							40.6
39	22.8	26.9		47.6	50.3				42.0
39A									43.1
40									44.4
41									47.3
41A									48.8
42									50.2
42A									51.5
43									53.0

**MEC**

**HORNADY/  
 SPOLAR**

BUSHING NUMBERS									
GRS	CLAYS	INTER	UNIV	HS6	HS7	H110®	TITEWAD	LIL'GUN	LGSH
11.0			333						
12.0			348						250
13.0			363	330			256		259
13.5									266
14.0		375	342				266		300
15.0		390	354					384	309
16.0	429	402	366					396	318
16.5	435	408	372					402	327
17.0	441	414	378	300				408	330
17.4	447	417	384					414	336
18.0	456	423	390	309				420	339
18.5	462	429	393					426	345
19.0	468	435	402	318	318			432	348
19.4	474	438	405					435	354
20.0	483	447	411	327	330			441	357
20.6	489	453	417					450	363
21.0	495	459	420	336	339			453	366
21.5	501	465	423					459	369
22.0	507	471	429	345	348			462	372
22.5		477	432					468	378
23.0		483	438	351	357			474	381
23.5		489	441						384
24.0		495	447	360	363			486	390
24.5		501	450					489	393
25.0		507	456	366	369			492	396
26.0			468	375	378				405
27.0			480	381	384				414
28.0			489	387	390				423
29.0			501	393	396				429
30.0				402	405				435
31.0				408	411				444
32.0				414	417				450
33.0				423	423				459
34.0				429	429				465
35.0				435	438		471		471
36.0				441	444				480
37.0				444	450				486
38.0				450					492
39.0									498
.....									
BUSHING									
#	CLAYS	INTER	UNIV	HS6	HS7	H110®	TITEWAD	LIL'GUN	LGSH
1AX									12.0
2AX									12.7
3AX									13.1
1A							13.7		
2A							14.8		
3A				15.3			15.6		13.0
A				16.8	17.1		17.5		15.0
B				17.6	18.2				15.5
C				12.5	18.5	18.8			16.5
C1				13.0	19.6	20.1			17.0
D				13.2	20.4	21.0			17.3
D1		11.7	14.0	21.3	22.4				18.2
E		13.1	15.7	23.5	24.2				20.7
E1		13.7	16.2	24.0	24.7				21.6
E2		14.4	17.2	26.1	26.5		14.7		22.8
F		15.2	18.1	27.5	28.5		15.6		24.2
F1		15.8	18.3	28.3	29.3		15.8		24.4
F2							16.4		25.3
F6		16.1	18.9						
G		17.1	20.2	31.2	32.3		17.4		26.8
G1		17.3	20.6	32.7	33.4		17.7		27.1
H	16.0	18.5	22.0	34.0	34.8		18.9		29.0
I	16.7	19.3	22.8	34.4	36.5		19.6		30.0
J	17.2	19.8	23.9	35.5	37.1		20.3		31.2
J1	17.6	20.3	24.5	36.9	38.8		21.0		32.0
K	17.8	20.6	24.8	37.1	39.0		21.3		32.5
L	18.7	21.6	25.7	39.5	41.1		22.2		34.0
M	19.7	22.5	26.8	41.2	42.8		23.4		35.7
N	20.8	23.7	28.2				25.2		38.0
O	21.0	24.0	28.5						38.5
P	21.5	24.5							39.9
Q	21.9	25.0							40.1
R									41.8
S									42.5
T									45.4

INTERNATIONAL – INTER  
 UNIVERSAL – UNIV  
 LONGSHOT – LGSH

**PONSNESS  
 WARREN**

## WAD CHART

The following chart shows wads that may be substituted for current popular models as listed in the ensuing data.

<b>WAA12:</b>	WT12 Winchester, CB01118, CB1118-12, Black Magic, Blue Duster
<b>WAA12SL:</b>	CB1100-12. Green Duster, WAA12L (in 7/8 oz. loads only)
<b>Federal 12S0:</b>	CB2100-12
<b>Federal 12S3:</b>	CB2118-2
<b>Remington Fig. 8:</b>	CB3118-12
<b>Windjammer:</b>	CB4118-12
<b>WAA20:</b>	CB1078-20, Duster 20
<b>WAA28:</b>	CB1034-28
<b>WAA41:</b>	CB1050-41
<b>Federal 410SC:</b>	CB1050-41
<b>Remington SP410:</b>	CB1050-41

## SHOOTERS!

Guarantee the future of shooting by educating tomorrow's handloaders. Hodgdon Powder supports the NRA Foundation's Handloading Education Endowment Fund—you can too!

Contact:  
Executive Director  
The NRA Foundation  
11250 Waples Mill Road  
Fairfax, VA 22030



## SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE*	
Velocity is measured in feet per second (fps). Pressure is measured in Lead Units of Pressure (LUP) or in Pounds per Square Inch (PSI).					
<b>10 GA., 3 1/2", FEDERAL PLASTIC SHELL WITH PAPER BASEWAD</b>					
<b>1165 fps</b>					
2 oz	HS-6	CCI 209M	Rem. SP10 + 2-20 ga. .135" Card	40.0 gr / 9,900 PSI	
2 oz	HS-7	CCI 209M	Rem. SP10 + 2-20 ga. .135" Card	43.0 gr / 10,200 PSI	
<b>1250 fps      1300 fps</b>					
2 oz	Longshot	CCI209M	Rem. SP10 + 1-20 ga. .135" Card	39.4 gr / 9,600 PSI	—
2 oz	Longshot	Fed. 209A	Rem. SP10 + 1-20 ga. .135" Card	40.5 gr / 9,900 PSI	41.2 gr / 11,000 PSI
<b>1165 fps</b>					
2 1/4 oz	HS-7	Win. 209	Rem. SP10 + 1-20 ga. .135" Card	40.0 gr / 10,300 PSI	
<b>1250 fps</b>					
2 1/4 oz	Longshot	CCI209M	Rem. SP10 + 1-20 ga. .135" Card	33.0 gr / 10,800 PSI	
2 1/4 oz	Longshot	Fed. 209A	Rem. SP10 + 1-20 ga. .135" Card	33.0 gr / 10,500 PSI	
2 1/4 oz	Longshot	Rem. 209P	Rem. SP10 + 1-20 ga. .135" Card	34.0 gr / 10,300 PSI	
<b>10 GA., 3 1/2", REMINGTON PLASTIC SHELL WITH YELLOW PLASTIC BASEWAD</b>					
<b>1165 fps</b>					
2 oz	HS-6	CCI 209M	Rem. SP10 + 3-20 ga. .135" Card	40.0 gr / 11,000 PSI	
2 oz	HS-7	CCI 209M	Rem. SP10 + 3-20 ga. .135" Card	43.0 gr / 11,000 PSI	
<b>1200 fps</b>					
2 oz	Longshot	Fed. 209A	Rem. SP10 + 2-20 ga. .135" Card	36.5 gr / 11,000 PSI	
2 oz	Longshot	Rem. 209P	Rem. SP10 + 2-20 ga. .135" Card	37.5 gr / 11,000 PSI	
2 oz	Longshot	Win. 209	Rem. SP10 + 2-20 ga. .135" Card	38.0 gr / 10,700 PSI	
<b>1165 fps</b>					
2 1/4 oz	HS-7	Win. 209	Rem. SP10 + 2-20 ga. .135" Card	40.0 gr / 10,800 PSI	
<b>1250 fps</b>					
2 1/4 oz	Longshot	CCI209M	Rem. SP10 + 1-20 ga. .135" Card	33.0 gr / 11,000 PSI	

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
<b>10 GA., 3 1/2", REMINGTON PLASTIC SHELL WITH YELLOW PLASTIC BASEWAD CONT.</b>				
<b>1250 fps</b>				
2 1/4 oz	Longshot	Fed. 209A	Rem. SP10 + 1-20 ga. .135" Card	32.0 gr / 11,000 PSI
2 1/4 oz	Longshot	Rem. 209P	Rem. SP10 + 1-20 ga. .135" Card	33.5 gr / 10,800 PSI

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
<b>10 GA., 3 1/2", WINCHESTER POLYFORMED PLASTIC SHELL W/ PLASTIC BASEWAD</b>				
<b>1165 fps</b>				
2 oz	HS-6	CCI 209M	Rem. SP10 + 2-20 ga. .135" Card	40.0 gr / 10,700 PSI
2 oz	HS-7	CCI 209M	Rem. SP10 + 2-20 ga. .135" Card	42.5 gr / 10,600 PSI
<b>1250 fps</b>				
2 oz	Longshot	CCI209M	Rem. SP10 + 2-20 ga. .135" Card	37.0 gr / 10,900 PSI
2 oz	Longshot	Fed. 209A	Rem. SP10 + 2-20 ga. .135" Card	37.0 gr / 11,000 PSI
2 oz	Longshot	Win. 209	Rem. SP10 + 2-20 ga. .135" Card	38.6 gr / 10,200 PSI
<b>1165 fps</b>				
2 1/4 oz	HS-7	CCI 209M	Rem. SP10 + 1-20 ga. .135" Card	40.0 gr / 11,000 PSI
<b>1200 fps</b>				
2 1/4 oz	Longshot	CCI209M	Rem. SP10	33.5 gr / 11,000 PSI
2 1/4 oz	Longshot	Fed. 209A	Rem. SP10	31.5 gr / 10,800 PSI
2 1/4 oz	Longshot	Win. 209	Rem. SP10	37.5 gr / 10,900 PSI

<b>12 GA., 2 3/4", CHEDDITE PLASTIC SHELLS</b>				
SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
<b>1090 fps      1145 fps      1200 fps      1235 fps</b>				
1 1/8 oz	Titewad	Ched. 209	Fed. 12S3	16.5 gr / 7,400 PSI    17.0 gr / 9,000 PSI    18.0 gr / 10,100 PSI    —
1 1/8 oz	Titewad	Ched. 209	Fio. TL1	16.0 gr / 9,100 PSI    17.0 gr / 10,400 PSI    18.0 gr / 11,400 PSI    —
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	—    16.5 gr / 8,800 PSI    18.0 gr / 10,400 PSI    —
1 1/8 oz	Titewad	Ched. 209	WAA12SL	16.5 gr / 7,300 PSI    17.0 gr / 8,500 PSI    18.0 gr / 9,800 PSI    —
1 1/8 oz	Clays	Ched. 209	Fed. 12S3	16.3 gr / 7,700 PSI    17.5 gr / 8,500 PSI    18.7 gr / 9,700 PSI    20.5 gr / 11,400 PSI
1 1/8 oz	Clays	Ched. 209	WAA12	16.3 gr / 7,700 PSI    17.3 gr / 8,500 PSI    18.5 gr / 10,000 PSI    20.5 gr / 11,500 PSI
1 1/8 oz	Clays	Fio 616	Fio. TL1	16.0 gr / 7,500 PSI    17.0 gr / 8,000 PSI    19.0 gr / 11,300 PSI    —
1 1/8 oz	Internat'l	Ched. 209	Fed. 12S3	19.5 gr / 7,200 PSI    20.0 gr / 8,400 PSI    21.0 gr / 8,500 PSI    —
1 1/8 oz	Internat'l	Ched. 209	WAA12	19.0 gr / 7,300 PSI    19.5 gr / 7,800 PSI    20.5 gr / 8,400 PSI    21.5 gr / 9,900 PSI
1 1/8 oz	Internat'l	Fio 616	Fio. TL1	—    19.0 gr / 7,200 PSI    20.5 gr / 8,800 PSI    22.0 gr / 10,000 PSI
<b>1420 fps      1475 fps      1530 fps      1585 fps</b>				
1 1/8 oz	Longshot	Ched. 209	Fed. 12S3	33.6 gr / 7,100 PSI    35.2 gr / 8,200 PSI    36.8 gr / 9,200 PSI    38.4 gr / 10,300 PSI
1 1/8 oz	Longshot	Ched. 209	Fio. TL1	33.7 gr / 7,900 PSI    35.2 gr / 9,300 PSI    36.6 gr / 9,800 PSI    38.0 gr / 10,700 PSI
1 1/8 oz	Longshot	Ched. 209	Rem. R12L	32.9 gr / 7,600 PSI    34.6 gr / 8,400 PSI    36.4 gr / 9,300 PSI    38.1 gr / 10,100 PSI
1 1/8 oz	Longshot	Ched. 209	Windjammer	34.7 gr / 7,400 PSI    36.1 gr / 8,000 PSI    37.5 gr / 8,700 PSI    38.9 gr / 9,400 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
<b>12 GA., 2 3/4", CHEDDITE PLASTIC SHELLS CONT.</b>				
<b>1330 fps      1385 fps      1440 fps      1495 fps</b>				
1 1/4 oz	Longshot	Ched. 209	Rem. R12L	30.3 gr / 7,700 PSI    32.2 gr / 8,600 PSI    34.0 gr / 9,500 PSI    —
1 1/4 oz	Longshot	Ched. 209	WAA12F114	29.8 gr / 8,000 PSI    31.7 gr / 8,800 PSI    33.6 gr / 9,700 PSI    —
<b>1205 fps      1260 fps      1315 fps</b>				
1 1/2 oz	Longshot	Ched. 209	Fed. 12S4	27.0 gr / 9,800 PSI    —    —
1 1/2 oz	Longshot	Ched. 209	WAA12R	26.6 gr / 9,100 PSI    28.6 gr / 10,100 PSI    30.6 gr / 11,100 PSI

<b>12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS</b>				
SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
<b>1250 fps      1300 fps      1350 fps      1400 fps</b>				
7/8 oz	Titewad	CCI 209SC	WAA12L	18.1 gr / 7,100 PSI    19.0 gr / 8,100 PSI    20.3 gr / 8,700 PSI    21.4 gr / 9,900 PSI
7/8 oz	Titewad	Fed. 209A	Fed. 12SO	19.5 gr / 6,400 PSI    20.5 gr / 7,500 PSI    21.6 gr / 8,800 PSI    22.7 gr / 9,800 PSI
7/8 oz	Titewad	Win. 209	WAA12L	18.4 gr / 6,800 PSI    19.3 gr / 7,400 PSI    20.6 gr / 8,700 PSI    21.9 gr / 9,300 PSI
7/8 oz	Clays	CCI 209SC	WAA12L	19.0 gr / 6,700 PSI    20.5 gr / 8,000 PSI    21.7 gr / 9,400 PSI    22.5 gr / 11,300 PSI
7/8 oz	Clays	Fed. 209A	WAA12L	19.2 gr / 7,400 PSI    20.0 gr / 8,000 PSI    21.5 gr / 9,700 PSI    22.5 gr / 11,500 PSI
7/8 oz	Clays	Win. 209	WAA12L	19.0 gr / 7,000 PSI    20.3 gr / 8,000 PSI    22.0 gr / 8,800 PSI    23.0 gr / 10,500 PSI
<b>1300 fps      1350 fps      1400 fps      1450 fps</b>				
7/8 oz	Internat'l	CCI 209SC	WAA12L	22.7 gr / 7,300 PSI    24.0 gr / 8,200 PSI    25.0 gr / 9,400 PSI    25.5 gr / 10,200 PSI
7/8 oz	Internat'l	Fed. 209A	WAA12L	22.3 gr / 7,500 PSI    23.2 gr / 8,300 PSI    24.5 gr / 9,300 PSI    25.7 gr / 10,000 PSI
7/8 oz	Internat'l	Win. 209	WAA12L	23.5 gr / 7,500 PSI    24.3 gr / 7,900 PSI    25.5 gr / 9,100 PSI    27.0 gr / 10,600 PSI
<b>1180 fps      1235 fps      1290 fps      1345 fps</b>				
1 oz	Titewad	CCI 209SC	Purple PC	—    18.7 gr / 8,100 PSI    20.2 gr / 9,200 PSI    21.7 gr / 10,500 PSI
1 oz	Titewad	Fed. 209A	Fed. 12SO	17.8 gr / 7,100 PSI    19.3 gr / 8,500 PSI    20.8 gr / 9,600 PSI    21.7 gr / 11,300 PSI
1 oz	Titewad	Win. 209	WAA12L	17.4 gr / 7,500 PSI    18.7 gr / 8,400 PSI    20.2 gr / 9,700 PSI    21.7 gr / 11,300 PSI
<b>1125 fps      1180 fps      1235 fps      1290 fps</b>				
1 oz	Clays	CCI 209	Purple PC	18.4 gr / 5,300 LUP    19.6 gr / 5,900 LUP    20.7 gr / 6,400 LUP    21.8 gr / 7,000 LUP
1 oz	Clays	CCI 209SC	Purple PC	—    18.0 gr / 6,600 PSI    19.0 gr / 8,000 PSI    20.0 gr / 9,300 PSI
1 oz	Clays	Fed. 209	Fed. 12SO	17.9 gr / 6,100 LUP    18.9 gr / 6,900 LUP    19.9 gr / 7,600 LUP    20.9 gr / 8,400 LUP
1 oz	Clays	Fed. 209A	Fed. 12SO	16.8 gr / 6,700 PSI    17.9 gr / 7,700 PSI    19.3 gr / 9,200 PSI    20.3 gr / 10,800 PSI
1 oz	Clays	Rem. 209P	Rem. TGT 12	18.2 gr / 5,900 LUP    19.2 gr / 6,300 LUP    20.2 gr / 6,800 LUP    21.2 gr / 7,300 LUP
1 oz	Clays	Win. AATP	WAA12SL	16.8 gr / 6,400 PSI    17.8 gr / 7,300 PSI    19.0 gr / 8,800 PSI    20.0 gr / 9,800 PSI
1 oz	Clays	Win. 209	WAA12SL	17.2 gr / 6,200 LUP    18.2 gr / 7,000 LUP    19.1 gr / 7,600 LUP    20.0 gr / 8,300 LUP

<b>12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS (CONT.)</b>				
SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
<b>1090 fps      1145 fps      1200 fps      1255 fps</b>				
1 1/8 oz	Titewad	Ched. 209	Fed. 12S3	15.4 gr / 9,100 PSI    16.7 gr / 10,300 PSI    —    —
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.4 gr / 8,800 PSI    16.7 gr / 9,900 PSI    18.1 gr / 11,100 PSI    —
1 1/8 oz	Titewad	Ched. 209	Windjammer	16.0 gr / 8,100 PSI    17.2 gr / 9,400 PSI    18.5 gr / 10,900 PSI    —
<b>1090 fps      1145 fps      1200 fps      1255 fps</b>				
1 1/8 oz	Titewad	CCI 209SC	Hor. Versalite	15.7 gr / 8,800 PSI    16.7 gr / 8,900 PSI    18.0 gr / 10,500 PSI    —
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S3	16.3 gr / 8,300 PSI    17.3 gr / 8,900 PSI    18.8 gr / 10,300 PSI    —
1 1/8 oz	Titewad	Fio. 616	Fio. TL 1	15.7 gr / 8,900 PSI    16.7 gr / 9,800 PSI    18.0 gr / 11,000 PSI    —
1 1/8 oz	Titewad	Rem. 209P	Rem. Fig. 8	16.0 gr / 7,500 PSI    17.0 gr / 8,600 PSI    18.0 gr / 9,500 PSI    —
1 1/8 oz	Titewad	Win. 209	WAA12SL	16.5 gr / 7,900 PSI    17.5 gr / 9,100 PSI    18.2 gr / 9,800 PSI    —
1 1/8 oz	Clays	Ched. 209	Fed. 12S3	16.8 gr / 8,000 PSI    18.0 gr / 9,500 PSI    19.2 gr / 10,900 PSI    —
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.5 gr / 7,600 PSI    17.9 gr / 9,000 PSI    19.3 gr / 10,500 PSI    —
1 1/8 oz	Clays	Ched. 209	Windjammer	16.9 gr / 7,000 PSI    18.2 gr / 8,400 PSI    19.5 gr / 9,900 PSI    20.9 gr / 11,400 PSI
1 1/8 oz	Clays	CCI 209	Hor. Versalite	17.3 gr / 6,500 LUP    18.5 gr / 7,300 LUP    19.7 gr / 8,100 LUP    —
1 1/8 oz	Clays	CCI 209SC	Hor. Versalite	16.0 gr / 7,500 PSI    17.0 gr / 7,900 PSI    18.2 gr / 10,400 PSI    —

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS CONT.</b>							
				<b>1090 fps</b>	<b>1145 fps</b>	<b>1200 fps</b>	<b>1255 fps</b>
1 1/8 oz	Clays	Fed. 209	Rem. Fig. 8	17.6 gr / 6,300 LUP	18.7 gr / 7,100 LUP	19.8 gr / 7,800 LUP	—
1 1/8 oz	Clays	Fed. 209	WAA12	17.2 gr / 6,600 LUP	18.5 gr / 7,300 LUP	19.8 gr / 8,000 LUP	—
1 1/8 oz	Clays	Fed. 209	Fed. 12S3	17.7 gr / 6,600 LUP	18.7 gr / 7,300 LUP	19.8 gr / 8,100 LUP	—
1 1/8 oz	Clays	Fed. 209A	Fed. 12S3	16.8 gr / 7,900 PSI	17.1 gr / 8,600 PSI	19.0 gr / 10,400 PSI	—
1 1/8 oz	Clays	Fed. 209A	Rem. Fig. 8	17.0 gr / 7,400 PSI	17.5 gr / 7,900 PSI	19.0 gr / 9,600 PSI	—
1 1/8 oz	Clays	Fed. 209A	WAA12	16.5 gr / 7,700 PSI	17.0 gr / 8,100 PSI	18.5 gr / 10,300 PSI	—
1 1/8 oz	Clays	Fio. 616	Fio. TL1	16.5 gr / 7,300 LUP	17.9 gr / 8,300 LUP	19.3 gr / 9,400 LUP	—
1 1/8 oz	Clays	Rem. 209P	Red PC	17.5 gr / 6,500 LUP	18.5 gr / 7,400 LUP	19.4 gr / 8,300 LUP	—
1 1/8 oz	Clays	Win. AATP	Windjammer	17.0 gr / 6,800 PSI	17.5 gr / 7,300 PSI	19.0 gr / 8,500 PSI	—
1 1/8 oz	Clays	Win. 209	Windjammer	17.3 gr / 6,300 LUP	18.3 gr / 7,200 LUP	19.4 gr / 8,100 LUP	—
1 1/8 oz	Internat'l	Ched. 209	Fed. 12S3	18.2 gr / 7,300 PSI	19.4 gr / 8,300 PSI	20.6 gr / 9,400 PSI	21.8 gr / 10,500 PSI
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.9 gr / 6,800 PSI	19.3 gr / 7,900 PSI	21.0 gr / 9,300 PSI	22.0 gr / 10,100 PSI
1 1/8 oz	Internat'l	Ched. 209	Windjammer	18.3 gr / 6,700 PSI	19.5 gr / 7,800 PSI	20.8 gr / 9,000 PSI	22.0 gr / 10,000 PSI
1 1/8 oz	Internat'l	CCI 209	Hor. Versalite	—	20.4 gr / 6,900 LUP	22.5 gr / 7,300 LUP	24.2 gr / 8,700 LUP
1 1/8 oz	Internat'l	CCI 209M	Rem. TGT 12	19.5 gr / 6,800 LUP	20.0 gr / 7,000 LUP	20.6 gr / 7,800 LUP	22.5 gr / 8,600 LUP
1 1/8 oz	Internat'l	CCI 209SC	Hor. Versalite	—	19.0 gr / 7,300 PSI	20.5 gr / 8,100 PSI	21.5 gr / 10,300 PSI
1 1/8 oz	Internat'l	CCI 209SC	Rem. TGT 12	19.0 gr / 6,200 PSI	19.2 gr / 6,900 PSI	20.0 gr / 7,900 PSI	21.5 gr / 9,500 PSI
1 1/8 oz	Internat'l	Fed. 209	Fed. 12S3	—	21.3 gr / 6,800 LUP	22.5 gr / 7,400 LUP	23.7 gr / 8,100 LUP
1 1/8 oz	Internat'l	Fed. 209	Red PC	20.5 gr / 6,000 LUP	21.5 gr / 6,300 LUP	22.9 gr / 7,000 LUP	24.2 gr / 8,100 LUP
1 1/8 oz	Internat'l	Fed. 209	Windjammer	22.0 gr / 5,800 LUP	22.3 gr / 6,300 LUP	23.1 gr / 6,700 LUP	24.4 gr / 7,500 LUP
1 1/8 oz	Internat'l	Fed. 209A	Fed. 12S3	18.5 gr / 7,000 PSI	19.0 gr / 7,200 PSI	20.5 gr / 8,800 PSI	22.2 gr / 10,600 PSI
1 1/8 oz	Internat'l	Fed. 209A	Red PC	19.0 gr / 6,300 PSI	19.7 gr / 6,800 PSI	21.0 gr / 8,000 PSI	22.3 gr / 9,600 PSI
1 1/8 oz	Internat'l	Fed. 209A	Windjammer	19.0 gr / 6,200 PSI	19.5 gr / 6,500 PSI	20.8 gr / 8,000 PSI	22.5 gr / 9,200 PSI
1 1/8 oz	Internat'l	Fio. 616	Fio. TL1	19.2 gr / 6,800 LUP	19.7 gr / 7,300 LUP	21.1 gr / 8,100 LUP	22.5 gr / 9,200 LUP
1 1/8 oz	Internat'l	Win. AATP	WAA12SL	18.5 gr / 6,800 PSI	19.3 gr / 7,200 PSI	20.8 gr / 8,900 PSI	22.0 gr / 10,300 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12SL	19.1 gr / 6,600 LUP	20.1 gr / 7,100 LUP	21.0 gr / 7,500 LUP	22.4 gr / 8,900 LUP
				<b>1200 fps</b>	<b>1255 fps</b>	<b>1310 fps</b>	
1 1/8 oz	Universal	CCI 209	Windjammer	25.2 gr / 7,300 PSI	26.5 gr / 8,200 PSI	28.0 gr / 8,800 PSI	
1 1/8 oz	Universal	CCI 209M	Hor. Versalite	23.0 gr / 8,400 PSI	24.2 gr / 9,400 PSI	25.3 gr / 10,300 PSI	
1 1/8 oz	Universal	CCI 209SC	Hor. Versalite	23.2 gr / 7,700 PSI	24.5 gr / 8,600 PSI	25.5 gr / 9,600 PSI	
1 1/8 oz	Universal	CCI 209SC	Windjammer	24.5 gr / 7,300 LUP	26.0 gr / 8,100 PSI	26.7 gr / 8,900 PSI	
1 1/8 oz	Universal	Fed. 209	Fed. 12S3	23.5 gr / 7,900 PSI	24.8 gr / 8,700 PSI	26.0 gr / 9,500 PSI	
1 1/8 oz	Universal	Fed. 209A	Fed. 12S3	23.0 gr / 8,700 PSI	24.4 gr / 9,600 PSI	25.7 gr / 10,500 PSI	
1 1/8 oz	Universal	Fio. 616	Fio. TL1	23.3 gr / 8,700 PSI	24.2 gr / 9,500 PSI	26.0 gr / 10,100 PSI	
1 1/8 oz	Universal	Win. 209	Rem. Fig. 8	24.0 gr / 8,000 PSI	25.0 gr / 8,700 PSI	26.8 gr / 9,500 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	23.2 gr / 8,800 PSI	24.5 gr / 9,700 PSI	25.0 gr / 10,400 PSI	
				<b>1420 fps</b>	<b>1475 fps</b>	<b>1530 fps</b>	<b>1585</b>
1 1/8 oz.	Longshot	CCI 209M	Fed. 12S3	32.2 gr / 8,400 PSI	33.6 gr / 9,500 PSI	34.9 gr / 10,600 PSI	—
1 1/8 oz.	Longshot	CCI 209M	Hor. Vers.	31.6 gr / 8,700 PSI	33.2 gr / 9,500 PSI	34.8 gr / 10,300 PSI	36.4 gr / 11,200 PSI
1 1/8 oz.	Longshot	CCI 209M	Rem. Fig. 8	32.2 gr / 8,500 PSI	33.8 gr / 9,400 PSI	35.5 gr / 10,400 PSI	37.1 gr / 11,400 PSI
1 1/8 oz.	Longshot	CCI 209M	WAA12	31.4 gr / 8,800 PSI	33.2 gr / 9,500 PSI	35.0 gr / 10,300 PSI	36.8 gr / 11,000 PSI
1 1/8 oz.	Longshot	Fed. 209A	Fed. 12S3	32.0 gr / 9,000 PSI	33.3 gr / 10,000 PSI	34.6 gr / 11,500 PSI	—
1 1/8 oz.	Longshot	Fed. 209A	Hor. Vers.	31.7 gr / 8,800 PSI	33.2 gr / 9,600 PSI	34.8 gr / 10,500 PSI	36.4 gr / 11,400 PSI
1 1/8 oz.	Longshot	Fed. 209A	Rem. Fig. 8	32.2 gr / 8,600 PSI	33.6 gr / 9,500 PSI	35.0 gr / 10,500 PSI	36.4 gr / 11,400 PSI
1 1/8 oz.	Longshot	Fed. 209A	WAA12	31.7 gr / 8,900 PSI	33.1 gr / 9,700 PSI	34.6 gr / 10,700 PSI	36.0 gr / 11,500 PSI
1 1/8 oz.	Longshot	Fed. 209A	Windjammer	32.3 gr / 8,200 PSI	33.9 gr / 9,200 PSI	35.5 gr / 10,200 PSI	37.1 gr / 11,200 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", FEDERAL GOLD MEDAL PLASTIC SHELLS CONT.</b>							
				<b>1420 fps</b>	<b>1475 fps</b>	<b>1530 fps</b>	<b>1585</b>
1 1/8 oz.	Longshot	Rem. 209P	Fed. 12S3	32.9 gr / 8,400 PSI	34.1 gr / 9,300 PSI	35.3 gr / 10,200 PSI	—
1 1/8 oz.	Longshot	Rem. 209P	Hor. Vers.	32.3 gr / 8,500 PSI	33.9 gr / 9,500 PSI	35.4 gr / 10,500 PSI	37.0 gr / 11,500 PSI
1 1/8 oz.	Longshot	Rem. 209P	Rem. Fig. 8	32.1 gr / 8,200 PSI	33.9 gr / 9,100 PSI	35.6 gr / 10,000 PSI	37.4 gr / 10,900 PSI
1 1/8 oz.	Longshot	Rem. 209P	WAA12	32.4 gr / 8,200 PSI	33.9 gr / 9,100 PSI	35.4 gr / 10,000 PSI	36.9 gr / 10,900 PSI
1 1/8 oz.	Longshot	Rem. 209P	Windjammer	32.9 gr / 7,900 PSI	34.4 gr / 8,800 PSI	35.9 gr / 9,600 PSI	37.5 gr / 10,500 PSI
1 1/8 oz.	Longshot	Win. 209	Fed. 12S3	34.2 gr / 7,100 PSI	35.5 gr / 8,200 PSI	36.8 gr / 9,400 PSI	38.1 gr / 10,600 PSI
1 1/8 oz.	Longshot	Win. 209	Hor. Vers.	34.6 gr / 7,200 PSI	35.7 gr / 8,200 PSI	36.9 gr / 9,300 PSI	38.0 gr / 10,200 PSI
1 1/8 oz.	Longshot	Win. 209	Rem. Fig. 8	34.9 gr / 7,100 PSI	36.0 gr / 8,100 PSI	37.1 gr / 9,100 PSI	38.2 gr / 10,000 PSI
1 1/8 oz.	Longshot	Win. 209	WAA12	34.0 gr / 7,600 PSI	35.2 gr / 8,500 PSI	36.4 gr / 9,400 PSI	37.8 gr / 10,400 PSI
1 1/8 oz.	Longshot	Win. 209	Windjammer	35.0 gr / 7,100 PSI	36.2 gr / 8,000 PSI	37.4 gr / 8,900 PSI	38.5 gr / 10,100 PSI
				<b>1220 fps</b>	<b>1330 fps</b>		
1 1/4 oz	Universal	CCI 209SC	Fed. 12S4	24.0 gr / 9,500 PSI	—		
1 1/4 oz	Universal	CCI 209	Fed. 12S4	25.0 gr / 10,100 PSI	—		
1 1/4 oz	Universal	Fed. 209	Fed. 12S4	25.0 gr / 9,300 PSI	—		
1 1/4 oz	Universal	Fed. 209A	Fed. 12S4	23.3 gr / 10,400 PSI	—		
1 1/4 oz	Universal	Fio. 616	Rem. SP12	24.7 gr / 9,200 PSI	—		
1 1/4 oz	Universal	Win. 209	WAA12 F114	24.5 gr / 10,300 PSI	—		
1 1/4 oz	HS-6	Fed. 209	Fed. 12S4	32.0 gr / 9,700 LUP	35.0 gr / 10,400 LUP		
1 1/4 oz	HS-6	Win. 209	WAA12F114	32.0 gr / 9,600 LUP	34.5 gr / 10,100 LUP		
				<b>1330 fps</b>	<b>1385 fps</b>	<b>1440 fps</b>	<b>1495 fps</b>
1 1/4 oz	Longshot	CCI 209 M	Fed. 12S3	29.5 gr / 10,200 PSI	30.6 gr / 10,900 PSI	—	—
1 1/4 oz	Longshot	CCI 209M	Rem. R12L	29.8 gr / 8,700 PSI	31.5 gr / 9,500 PSI	33.2 gr / 10,400 PSI	—
1 1/4 oz	Longshot	CCI 209M	WAA12F114	29.2 gr / 9,000 PSI	30.6 gr / 9,900 PSI	32.0 gr / 10,900 PSI	—
1 1/4 oz	Longshot	Fed. 209A	Fed. 12S4	28.4 gr / 9,800 PSI	30.2 gr / 10,800 PSI	—	—
1 1/4 oz	Longshot	Fed. 209A	Rem. R12L	29.2 gr / 9,400 PSI	30.7 gr / 10,400 PSI	32.1 gr / 11,400 PSI	—
1 1/4 oz	Longshot	Fed. 209A	WAA12F114	28.2 gr / 9,900 PSI	29.9 gr / 10,900 PSI	—	—
1 1/4 oz	Longshot	Rem. 209P	Fed. 12S4	28.4 gr / 9,400 PSI	30.1 gr / 10,300 PSI	31.8 gr / 11,300 PSI	—
1 1/4 oz	Longshot	Rem. 209P	Rem. R12L	29.1 gr / 8,800 PSI	31.1 gr / 9,700 PSI	33.0 gr / 10,500 PSI	—
1 1/4 oz	Longshot	Rem. 209P	WAA12F114	28.3 gr / 9,200 PSI	30.3 gr / 10,100 PSI	32.4 gr / 11,000 PSI	—
1 1/4 oz	Longshot	Win. 209	Fed. 12S4	29.7 gr / 8,000 PSI	31.3 gr / 9,300 PSI	32.9 gr / 10,600 PSI	—
1 1/4 oz	Longshot	Win. 209	Rem. R12L	30.7 gr / 7,700 PSI	32.2 gr / 8,700 PSI	33.6 gr / 9,700 PSI	35.0 gr / 10,800 PSI
1 1/4 oz	Longshot	Win. 209	WAA12F114	—	33.4 gr / 7,200 PSI	34.4 gr / 9,200 PSI	35.4 gr / 11,300 PSI
				<b>1260 fps</b>			
1 1/2 oz	HS-7	Fed. 209	Fed. 12S4	37.0 gr / 10,900 LUP			
1 1/2 oz	HS-7	Win. 209	WAA12R	37.0 gr / 10,900 LUP			
				<b>1205 fps</b>	<b>1260 fps</b>	<b>1315 fps</b>	
1 1/2 oz	Longshot	Fed. 209A	Fed. 12S4	25.5 gr / 11,400 PSI	—	—	
1 1/2 oz	Longshot	Fed. 209A	WAA12R	25.6 gr / 10,200 PSI	27.2 gr / 11,500 PSI	—	
1 1/2 oz	Longshot	Win. 209	Fed. 12S4	26.8 gr / 10,200 PSI	28.0 gr / 11,400 PSI	—	
1 1/2 oz	Longshot	Win. 209	WAA12R	27.2 gr / 9,000 PSI	29.1 gr / 10,200 PSI	31.0 gr / 11,500 PSI	
<b>12 GA., 2 3/4", FEDERAL HI-POWER PLASTIC SHELLS W/ FIBER BASE WADS</b>							
				<b>1200 fps</b>	<b>1255 fps</b>	<b>1310 fps</b>	
1 1/8 oz	Universal	Fed. 209A	Fed. 12S3	24.0 gr / 8,200 PSI	25.0 gr / 9,000 PSI	26.5 gr / 9,400 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	24.0 gr / 8,300 PSI	25.0 gr / 8,700 PSI	26.5 gr / 9,700 PSI	

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
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## 12 GA., 2 3/4", FEDERAL HI-POWER PLASTIC SHELLS W/ FIBER BASE WADS CONT.

1220 fps				
1 1/4 oz	Universal	CCI 209M	Rem. SP12	25.5 gr / 7,900 PSI
1 1/4 oz	Universal	Fed. 209A	Fed. 12S4	24.0 gr / 10,300 PSI
1 1/4 oz	Universal	Fio. 616	Fed. 12S4	26.0 gr / 8,900 PSI
1 1/4 oz	Universal	Win. 209	WAA12 F114	25.5 gr / 9,400 PSI
1 1/4 oz	Universal	Win. 209	Fed. 12S4	25.2 gr / 8,800 PSI

## 12 GA., 2 3/4", FEDERAL PAPER SHELLS

				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Titewad	CCI 209SC	Windjammer	17.2 gr / 6,900 PSI	19.1 gr / 8,300 PSI	20.1 gr / 8,900 PSI	21.5 gr / 10,200 PSI
1 oz	Titewad	Fed. 209A	Fed. 12S3	18.1 gr / 7,500 PSI	19.5 gr / 8,400 PSI	20.6 gr / 9,700 PSI	22.0 gr / 11,100 PSI
1 oz	Titewad	Rem. 209P	Rem. Fig. 8	17.9 gr / 7,000 PSI	19.2 gr / 8,000 PSI	20.5 gr / 9,000 PSI	21.9 gr / 10,300 PSI
1 oz	Titewad	Win. 209	WAA12	17.4 gr / 7,200 PSI	18.7 gr / 8,900 PSI	20.0 gr / 9,800 PSI	21.3 gr / 10,900 PSI
1 oz	Clays	CCI 209M	Purple PC	18.0 gr / 6,900 PSI	19.5 gr / 8,100 PSI	20.5 gr / 9,800 PSI	—
1 oz	Clays	Fed. 209A	Fed. 12S0	18.0 gr / 7,100 PSI	19.5 gr / 8,700 PSI	21.0 gr / 10,900 PSI	—
1 oz	Clays	Rem. 209P	Rem. TGT 12	18.5 gr / 6,000 PSI	20.0 gr / 6,400 PSI	22.0 gr / 7,700 PSI	—
1 oz	Clays	Win. 209	Windjammer	18.0 gr / 5,800 PSI	19.5 gr / 7,300 PSI	20.5 gr / 8,800 PSI	—
1 oz	Clays	Win. 209	WAA12SL	17.5 gr / 6,400 PSI	19.0 gr / 8,300 PSI	21.0 gr / 10,800 PSI	—

				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Fed. 12S3	15.9 gr / 8,300 PSI	17.2 gr / 9,700 PSI	18.6 gr / 11,300 PSI	—
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	16.2 gr / 8,300 PSI	17.5 gr / 9,600 PSI	18.8 gr / 10,800 PSI	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	15.9 gr / 8,000 PSI	17.4 gr / 9,400 PSI	18.9 gr / 10,800 PSI	—
1 1/8 oz	Titewad	CCI 209SC	WAA12F114	15.3 gr / 9,600 PSI	16.6 gr / 10,500 PSI	17.5 gr / 10,800 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S4	16.2 gr / 9,000 PSI	17.2 gr / 9,600 PSI	18.4 gr / 10,800 PSI	—
1 1/8 oz	Titewad	Fio. 616	Hor. Versalite	16.0 gr / 8,000 PSI	17.0 gr / 9,100 PSI	18.4 gr / 10,500 PSI	—
1 1/8 oz	Titewad	WIN. 209	WAA12	16.4 gr / 7,500 PSI	17.4 gr / 8,400 PSI	18.8 gr / 10,000 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.8 gr / 5,800 PSI	18.4 gr / 8,100 PSI	19.8 gr / 10,300 PSI	—
1 1/8 oz	Clays	Ched. 209	Windjammer	17.5 gr / 6,000 PSI	18.7 gr / 7,800 PSI	20.0 gr / 9,800 PSI	—
1 1/8 oz	Clays	CCI 209M	Windjammer	17.0 gr / 7,000 PSI	18.0 gr / 8,100 PSI	19.0 gr / 9,200 PSI	—
1 1/8 oz	Clays	Fed. 209A	Fed. 12S3	17.0 gr / 7,400 PSI	18.0 gr / 8,700 PSI	19.5 gr / 10,500 PSI	—
1 1/8 oz	Clays	Fio. 616	Hor. Versalite	16.8 gr / 7,500 PSI	17.5 gr / 8,600 PSI	19.0 gr / 10,300 PSI	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	18.0 gr / 5,900 PSI	18.5 gr / 7,000 PSI	19.5 gr / 9,200 PSI	—
1 1/8 oz	Clays	Win. 209	WAA12	17.0 gr / 7,600 PSI	18.0 gr / 8,800 PSI	19.0 gr / 10,900 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Fed. 12C1	18.1 gr / 6,900 PSI	19.3 gr / 8,200 PSI	20.5 gr / 9,500 PSI	21.6 gr / 10,700 PSI
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.9 gr / 6,900 PSI	19.1 gr / 8,000 PSI	20.4 gr / 9,200 PSI	21.7 gr / 10,400 PSI
1 1/8 oz	Internat'l	Ched. 209	Windjammer	18.5 gr / 6,700 PSI	19.7 gr / 7,800 PSI	20.9 gr / 8,800 PSI	22.1 gr / 9,900 PSI
1 1/8 oz	Internat'l	CCI 209M	Red PC	—	21.2 gr / 7,000 LUP	21.9 gr / 7,500 LUP	22.8 gr / 8,800 LUP
1 1/8 oz	Internat'l	CCI 209M	Rem. Fig. 8	19.4 gr / 6,400 LUP	20.3 gr / 6,800 LUP	21.8 gr / 8,100 LUP	22.6 gr / 8,900 LUP
1 1/8 oz	Internat'l	Fed. 209	Fed. 12S4	20.2 gr / 6,400 LUP	20.8 gr / 6,700 LUP	22.4 gr / 7,900 LUP	23.6 gr / 8,700 LUP
1 1/8 oz	Internat'l	Fed. 209	Hor. Versalite	21.1 gr / 6,100 LUP	21.7 gr / 6,500 LUP	23.2 gr / 7,300 LUP	23.9 gr / 8,200 LUP
1 1/8 oz	Internat'l	Fed. 209	Windjammer	21.2 gr / 5,600 LUP	21.8 gr / 6,000 LUP	23.2 gr / 6,700 LUP	24.4 gr / 7,400 LUP
1 1/8 oz	Internat'l	Fed. 209A	Fed. 12S4	18.8 gr / 7,000 PSI	19.5 gr / 7,500 PSI	21.0 gr / 10,000 PSI	22.0 gr / 11,200 PSI
1 1/8 oz	Internat'l	Fio. 616	Fio. TL1	19.9 gr / 6,800 LUP	20.6 gr / 7,300 LUP	22.5 gr / 7,900 LUP	23.7 gr / 9,200 LUP
1 1/8 oz	Internat'l	Win. AATP	WAA12	19.5 gr / 6,300 PSI	19.9 gr / 6,700 PSI	21.5 gr / 8,200 PSI	23.0 gr / 9,900 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12	20.0 gr / 6,400 LUP	20.6 gr / 7,000 LUP	21.6 gr / 7,500 LUP	23.2 gr / 8,600 LUP

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
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## 12 GA., 2 3/4", FIOCCHI (PURPLE), VICTORY AND PMC PLASTIC SHELLS

				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	CCI 209SC	Purple PC	18.5 gr / 7,500 PSI	19.5 gr / 8,100 PSI	21.0 gr / 8,800 PSI	21.8 gr / 9,500 PSI
7/8 oz	Titewad	Fed. 209A	Fed. 12S0	18.7 gr / 7,400 PSI	19.7 gr / 8,600 PSI	20.7 gr / 9,700 PSI	22.0 gr / 10,500 PSI
7/8 oz	Titewad	Fio. 616	Fed. 12S0	18.2 gr / 7,800 PSI	19.5 gr / 8,900 PSI	20.5 gr / 10,000 PSI	21.5 gr / 11,200 PSI
7/8 oz	Titewad	Win. 209	WAA12SL	18.4 gr / 7,500 PSI	19.5 gr / 8,400 PSI	20.6 gr / 9,300 PSI	21.5 gr / 10,000 PSI

				1200 fps	1250 fps	1300 fps	1350 fps
7/8 oz	Clays	CCI 209M	Purple PC	17.3 gr / 5,700 PSI	18.1 gr / 6,300 PSI	19.2 gr / 7,700 PSI	—
7/8 oz	Clays	CCI 209SC	WAA12SL	17.7 gr / 6,400 PSI	18.5 gr / 7,600 PSI	19.5 gr / 8,400 PSI	21.0 gr / 9,900 PSI
7/8 oz	Clays	Fed. 209A	Rem. TGT 12	16.5 gr / 6,400 PSI	17.7 gr / 7,300 PSI	18.7 gr / 7,400 PSI	—
7/8 oz	Clays	Fio. 616	Fed. 12S0	16.6 gr / 6,800 PSI	17.8 gr / 7,500 PSI	19.2 gr / 8,500 PSI	—
7/8 oz	Clays	Win. 209	WAA12SL	16.8 gr / 6,200 PSI	18.0 gr / 7,200 PSI	19.0 gr / 8,000 PSI	—
7/8 oz	Internat'l	CCI 209SC	WAA12SL	—	21.0 gr / 7,300 PSI	22.0 gr / 8,100 PSI	22.5 gr / 8,500 PSI

				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Titewad	CCI 209SC	Purple PC	17.0 gr / 7,500 PSI	18.8 gr / 8,600 PSI	20.2 gr / 9,600 PSI	21.5 gr / 11,100 PSI
1 oz	Titewad	Fed. 209A	Fed. 12S0	17.0 gr / 8,400 PSI	19.0 gr / 10,200 PSI	20.0 gr / 11,100 PSI	—
1 oz	Titewad	Fio. 616	Rem. Fig. 8	17.0 gr / 8,200 PSI	18.0 gr / 9,200 PSI	19.5 gr / 10,300 PSI	—
1 oz	Titewad	Win. 209	WAA12SL	17.2 gr / 7,400 PSI	18.5 gr / 8,900 PSI	19.8 gr / 9,800 PSI	—
1 oz	Clays	CCI 209M	Purple PC	18.0 gr / 7,300 PSI	19.1 gr / 8,600 PSI	19.9 gr / 9,400 PSI	—
1 oz	Clays	CCI 209SC	WAA12SL	18.0 gr / 8,400 PSI	18.5 gr / 9,500 PSI	—	—
1 oz	Clays	Fed. 209A	Rem. TGT 12	17.5 gr / 7,600 PSI	18.5 gr / 8,600 PSI	19.7 gr / 9,700 PSI	—
1 oz	Clays	Win. 209	WAA12SL	17.1 gr / 7,800 PSI	18.5 gr / 9,200 PSI	19.3 gr / 10,600 PSI	—
1 oz	Internat'l	CCI 209M	Purple PC	19.6 gr / 6,400 PSI	20.5 gr / 7,000 PSI	21.6 gr / 8,200 PSI	—
1 oz	Internat'l	CCI 209SC	WAA12SL	19.5 gr / 7,100 PSI	21.5 gr / 7,900 PSI	22.5 gr / 9,400 PSI	—
1 oz	Internat'l	Fed. 209A	Rem. TGT 12	19.3 gr / 6,600 PSI	20.3 gr / 7,800 PSI	20.9 gr / 8,800 PSI	—
1 oz	Internat'l	Win. 209	WAA12SL	19.0 gr / 7,100 PSI	20.0 gr / 8,600 PSI	21.1 gr / 9,600 PSI	—

				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Fio. TL1	15.6 gr / 8,800 PSI	17.0 gr / 10,400 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.5 gr / 8,500 PSI	17.0 gr / 9,600 PSI	18.5 gr / 10,800 PSI	—
1 1/8 oz	Titewad	Ched. 209	WAA12	15.5 gr / 8,600 PSI	16.8 gr / 9,800 PSI	18.1 gr / 11,000 PSI	—
1 1/8 oz	Titewad	CCI 209SC	Fio. TL1	16.0 gr / 9,400 PSI	16.8 gr / 10,300 PSI	18.3 gr / 10,700 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S4	16.2 gr / 9,200 PSI	16.8 gr / 10,100 PSI	17.7 gr / 11,100 PSI	—
1 1/8 oz	Titewad	Fio. 616	Fio. TL1	15.3 gr / 9,300 PSI	16.4 gr / 10,500 PSI	17.7 gr / 11,400 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12	16.2 gr / 7,900 PSI	16.9 gr / 8,500 PSI	18.5 gr / 10,000 PSI	—
1 1/8 oz	Clays	Ched. 209	Fio. TL1	16.8 gr / 8,300 PSI	18.1 gr / 9,500 PSI	19.5 gr / 10,800 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.9 gr / 7,100 PSI	18.3 gr / 8,700 PSI	19.7 gr / 10,300 PSI	—
1 1/8 oz	Clays	Ched. 209	WAA12	16.7 gr / 7,700 PSI	17.9 gr / 9,100 PSI	19.2 gr / 10,500 PSI	—
1 1/8 oz	Clays	CCI 209	Hor. Versalite	17.9 gr / 6,300 LUP	18.9 gr / 7,000 LUP	20.0 gr / 7,700 LUP	—
1 1/8 oz	Clays	CCI 209SC	Fio. TL1	16.8 gr / 8,300 PSI	18.0 gr / 9,900 PSI	—	—
1 1/8 oz	Clays	Fed. 209	Fed. 12S3	17.1 gr / 6,400 LUP	18.3 gr / 7,500 LUP	19.5 gr / 8,500 LUP	—
1 1/8 oz	Clays	Fed. 209A	Fed. 12S3	16.5 gr / 9,100 PSI	17.0 gr / 10,000 PSI	—	—
1 1/8 oz	Clays	Fio. 616	Fio. TL1	16.5 gr / 7,000 LUP	17.9 gr / 8,000 LUP	19.4 gr / 9,100 LUP	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	17.6 gr / 6,200 LUP	18.8 gr / 6,800 LUP	19.9 gr / 7,500 LUP	—
1 1/8 oz	Clays	Win. AATP	WAA12	16.2 gr / 8,800 PSI	17.0 gr / 9,300 PSI	—	—
1 1/8 oz	Clays	Win. 209	WAA12	16.3 gr / 6,800 LUP	17.6 gr / 8,000 LUP	18.9 gr / 9,200 LUP	—
1 1/8 oz	Internat'l	Ched. 209	Fio. TL1	17.9 gr / 7,000 PSI	19.3 gr / 8,200 PSI	20.7 gr / 9,400 PSI	22.0 gr / 10,400 PSI
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	18.2 gr / 6,600 PSI	19.5 gr / 7,700 PSI	20.8 gr / 8,700 PSI	22.1 gr / 9,700 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
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## 12 GA., 2 3/4", FIOCCHI (PURPLE), VICTORY AND PMC PLASTIC SHELLS CONT.

				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Internat'l	Ched. 209	WAA12	17.9 gr / 7,000 PSI	19.1 gr / 7,900 PSI	20.1 gr / 8,700 PSI	21.7 gr / 10,000 PSI
1 1/8 oz	Internat'l	CCI 209M	Hor. Versalite	18.5 gr / 7,100 LUP	19.5 gr / 7,600 LUP	20.9 gr / 8,300 LUP	22.0 gr / 9,400 LUP
1 1/8 oz	Internat'l	CCI 209SC	Fio. TL1	19.0 gr / 7,400 PSI	20.0 gr / 8,500 PSI	21.0 gr / 9,400 PSI	—
1 1/8 oz	Internat'l	Fed. 209	Fed. 12S3	20.0 gr / 6,700 LUP	20.5 gr / 6,800 LUP	21.6 gr / 8,100 LUP	—
1 1/8 oz	Internat'l	Fed. 209A	Fio. TL1	18.0 gr / 7,800 PSI	18.5 gr / 8,300 PSI	20.0 gr / 10,400 PSI	—
1 1/8 oz	Internat'l	Fio. 616	Fio. TL1	19.3 gr / 7,400 LUP	20.3 gr / 7,700 LUP	21.0 gr / 8,300 LUP	22.6 gr / 9,900 LUP
1 1/8 oz	Internat'l	Win. AATP	WAA12	17.8 gr / 7,500 PSI	18.5 gr / 8,300 PSI	20.2 gr / 9,500 PSI	21.0 gr / 10,900 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12	19.2 gr / 7,000 LUP	19.7 gr / 7,400 LUP	21.0 gr / 8,500 LUP	22.0 gr / 9,800 LUP
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	Fio. 616	Fio. TL1	23.4 gr / 8,600 PSI	25.0 gr / 9,800 PSI	26.5 gr / 10,600 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	23.3 gr / 9,100 PSI	24.0 gr / 9,600 PSI	25.0 gr / 10,800 PSI	
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	Fio. 616	Fed. 12S3	33.2 gr / 8,000 PSI	34.7 gr / 8,900 PSI	36.2 gr / 9,800 PSI	37.8 gr / 10,700 PSI
1 1/8 oz	Longshot	Fio. 616	Fio. TL1	33.4 gr / 8,300 PSI	34.8 gr / 9,300 PSI	36.2 gr / 10,300 PSI	37.6 gr / 11,200 PSI
1 1/8 oz	Longshot	Fio. 616	Hor. Vers.	33.0 gr / 7,900 PSI	34.4 gr / 8,800 PSI	35.7 gr / 9,700 PSI	37.1 gr / 10,600 PSI
1 1/8 oz	Longshot	Fio. 616	Rem. Fig. 8	33.4 gr / 7,500 PSI	34.9 gr / 8,500 PSI	36.4 gr / 9,400 PSI	37.9 gr / 10,300 PSI
1 1/8 oz	Longshot	Fio. 616	WAA12	32.7 gr / 8,400 PSI	34.0 gr / 9,300 PSI	35.3 gr / 10,100 PSI	36.6 gr / 11,000 PSI
1 1/8 oz	Longshot	Fio. 616	Windjammer	33.7 gr / 7,600 PSI	35.3 gr / 8,400 PSI	36.8 gr / 9,200 PSI	38.3 gr / 10,000 PSI
				1220 fps	1330 fps		
1 1/4 oz	Universal	Fed. 209	Rem. SP12	24.0 gr / 10,200 PSI	—		
1 1/4 oz	Universal	Fio. 616	WAA12F114	24.0 gr / 10,900 PSI	—		
1 1/4 oz	Universal	Win. 209	Rem. SP12	24.0 gr / 10,900 PSI	—		
1 1/4 oz	HS-6	Win. 209	Rem. R12H	—	35.0 gr / 9,200 LUP		
				1260 fps			
1 1/2 oz	HS-7	Fio. 616	WAA12R	39.0 gr / 10,800 LUP			

## 12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS

				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Titewad	CCI 209	Fed. 12S0	17.0 gr / 9,400 PSI	18.0 gr / 10,800 PSI	—	—
7/8 oz	Titewad	CCI 209	Rem. TGT 12	16.9 gr / 9,400 PSI	17.8 gr / 10,800 PSI	19.0 gr / 11,400 PSI	—
7/8 oz	Titewad	CCI 209	WAA12L	16.8 gr / 10,100 PSI	18.0 gr / 10,700 PSI	19.0 gr / 11,500 PSI	—
7/8 oz	Titewad	CCI 209SC	Fed. 12S0	16.6 gr / 10,100 PSI	17.5 gr / 11,200 PSI	—	—
7/8 oz	Titewad	CCI 209SC	Rem. TGT 12	16.6 gr / 9,600 PSI	17.7 gr / 10,800 PSI	18.8 gr / 11,500 PSI	—
7/8 oz	Titewad	CCI 209SC	WAA12SL	17.0 gr / 10,600 PSI	17.3 gr / 10,900 PSI	—	—
7/8 oz	Titewad	Fed. 209A	Fed. 12S0	18.2 gr / 8,000 PSI	19.1 gr / 8,900 PSI	20.3 gr / 9,700 PSI	21.6 gr / 11,100 PSI
7/8 oz	Titewad	Fed. 209A	Rem. TGT 12	16.8 gr / 9,100 PSI	18.0 gr / 10,100 PSI	19.1 gr / 11,000 PSI	20.2 gr / 11,500 PSI
7/8 oz	Titewad	Fed. 209A	WAA12L	17.0 gr / 9,600 PSI	18.0 gr / 10,700 PSI	19.0 gr / 11,500 PSI	—
7/8 oz	Titewad	Fio. 616	WAA12L	16.6 gr / 9,500 PSI	17.6 gr / 11,300 PSI	—	—
7/8 oz	Titewad	Rem. 209P	CB-4100-12	17.8 gr / 7,000 PSI	19.0 gr / 8,000 PSI	20.1 gr / 8,800 PSI	21.3 gr / 9,700 PSI
7/8 oz	Titewad	Rem. 209P	Fed. 12S0	16.7 gr / 9,800 PSI	17.8 gr / 10,500 PSI	18.6 gr / 11,500 PSI	—
7/8 oz	Titewad	Rem. 209P	Rem. TGT 12	17.4 gr / 8,200 PSI	18.7 gr / 9,100 PSI	19.8 gr / 9,500 PSI	21.0 gr / 10,500 PSI
7/8 oz	Titewad	Rem. 209P	WAA12L	16.9 gr / 8,200 PSI	18.4 gr / 9,400 PSI	19.7 gr / 10,100 PSI	20.9 gr / 11,300 PSI
7/8 oz	Titewad	Win. 209	CB-4100-12	18.7 gr / 7,000 PSI	19.8 gr / 7,800 PSI	20.9 gr / 8,500 PSI	22.1 gr / 9,400 PSI
7/8 oz	Titewad	Win. 209	Fed. 12S0	17.4 gr / 9,400 PSI	18.2 gr / 9,700 PSI	19.6 gr / 11,500 PSI	—
7/8 oz	Titewad	Win. 209	Rem. TGT 12	17.0 gr / 8,500 PSI	18.0 gr / 9,900 PSI	19.2 gr / 10,900 PSI	—
7/8 oz	Titewad	Win. 209	WAA12L	17.3 gr / 8,300 PSI	18.6 gr / 9,200 PSI	19.8 gr / 10,600 PSI	21.1 gr / 11,300 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
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## 12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.

				1200 fps	1250 fps	1300 fps	1350 fps
7/8 oz	Clays	CCI 209	Fed. 12S0	16.3 gr / 8,500 PSI	17.5 gr / 10,100 PSI	18.3 gr / 11,400 PSI	—
7/8 oz	Clays	CCI 209	Rem. TGT 12	16.1 gr / 7,900 PSI	17.3 gr / 9,400 PSI	18.3 gr / 10,100 PSI	19.6 gr / 11,200 PSI
7/8 oz	Clays	CCI 209	WAA12L	16.3 gr / 8,800 PSI	17.3 gr / 9,900 PSI	18.7 gr / 11,200 PSI	—
7/8 oz	Clays	CCI 209SC	Fed. 12S0	17.0 gr / 8,800 PSI	18.0 gr / 10,200 PSI	19.0 gr / 11,000 PSI	—
7/8 oz	Clays	CCI 209SC	Rem. TGT 12	18.0 gr / 7,000 PSI	18.8 gr / 7,900 PSI	19.5 gr / 8,900 PSI	20.5 gr / 9,900 PSI
7/8 oz	Clays	CCI 209SC	WAA12L	16.8 gr / 7,000 PSI	17.8 gr / 7,800 PSI	18.6 gr / 10,000 PSI	19.6 gr / 11,000 PSI
7/8 oz	Clays	Fed. 209	Activ TG-30	16.5 gr / 7,000 PSI	17.5 gr / 8,500 PSI	19.0 gr / 9,200 PSI	—
7/8 oz	Clays	Fed. 209A	Activ TG-30	16.2 gr / 7,700 PSI	17.5 gr / 9,200 PSI	18.5 gr / 10,300 PSI	—
7/8 oz	Clays	Fed. 209A	Fed. 12S0	16.3 gr / 8,900 PSI	17.3 gr / 9,600 PSI	18.5 gr / 11,500 PSI	—
7/8 oz	Clays	Fed. 209A	Rem. TGT 12	16.1 gr / 8,700 PSI	17.3 gr / 9,800 PSI	18.3 gr / 11,100 PSI	—
7/8 oz	Clays	Fed. 209A	WAA12L	16.0 gr / 8,100 PSI	17.0 gr / 10,200 PSI	18.2 gr / 10,800 PSI	—
7/8 oz	Clays	Fio. 616	WAA12L	16.3 gr / 7,500 PSI	17.3 gr / 8,700 PSI	18.3 gr / 11,300 PSI	—
7/8 oz	Clays	Rem. 209P	CB-4100-12	16.9 gr / 5,800 PSI	18.2 gr / 6,700 PSI	19.6 gr / 7,600 PSI	20.9 gr / 8,400 PSI
7/8 oz	Clays	Rem. 209P	Rem. TGT 12	16.4 gr / 6,300 PSI	17.5 gr / 7,100 PSI	18.9 gr / 7,400 PSI	—
7/8 oz	Clays	Rem. 209P	Fed. 12S0	16.0 gr / 7,500 PSI	17.2 gr / 8,200 PSI	18.8 gr / 9,100 PSI	—
7/8 oz	Clays	Rem. 209P	WAA12SL	—	18.0 gr / 8,400 PSI	19.5 gr / 10,200 PSI	—
7/8 oz	Clays	Rem. 209P	WAA12L	16.8 gr / 6,700 PSI	18.0 gr / 7,300 PSI	19.3 gr / 9,000 PSI	20.3 gr / 9,700 PSI
7/8 oz	Clays	Win. 209	CB-4100-12	18.8 gr / 5,200 PSI	19.8 gr / 6,100 PSI	20.8 gr / 7,000 PSI	21.8 gr / 7,900 PSI
7/8 oz	Clays	Win. 209	Fed. 12S0	17.0 gr / 7,700 PSI	18.0 gr / 9,000 PSI	19.0 gr / 10,300 PSI	20.3 gr / 11,500 PSI
7/8 oz	Clays	Win. 209	Rem. TGT 12	16.8 gr / 7,500 PSI	18.0 gr / 8,400 PSI	19.0 gr / 9,100 PSI	20.0 gr / 10,100 PSI
7/8 oz	Clays	Win. 209	WAA12SL	15.9 gr / 7,100 PSI	17.1 gr / 8,900 PSI	18.2 gr / 10,000 PSI	—
7/8 oz	Clays	Win. 209	WAA12L	17.1 gr / 8,100 PSI	18.0 gr / 8,900 PSI	19.3 gr / 10,100 PSI	20.1 gr / 11,400 PSI
				1250 fps	1300 fps	1350 fps	1400 fps
7/8 oz	Internat'l	CCI 209	Fed. 12S0	20.3 gr / 7,500 PSI	21.1 gr / 8,500 PSI	21.9 gr / 9,400 PSI	22.7 gr / 10,300 PSI
7/8 oz	Internat'l	CCI 209	Rem. TGT 12	19.8 gr / 6,900 PSI	20.8 gr / 7,800 PSI	21.9 gr / 8,700 PSI	22.9 gr / 9,600 PSI
7/8 oz	Internat'l	CCI 209	WAA12L	20.0 gr / 7,100 PSI	20.9 gr / 7,900 PSI	21.9 gr / 8,700 PSI	22.8 gr / 9,500 PSI
7/8 oz	Internat'l	CCI 209SC	Fed. 12S0	20.1 gr / 7,000 PSI	21.0 gr / 8,200 PSI	21.9 gr / 9,300 PSI	22.8 gr / 10,500 PSI
7/8 oz	Internat'l	CCI 209SC	Rem. TGT 12	20.7 gr / 7,100 PSI	21.0 gr / 7,700 PSI	22.2 gr / 8,400 PSI	23.2 gr / 9,200 PSI
7/8 oz	Internat'l	CCI 209SC	WAA12L	20.0 gr / 7,100 PSI	21.0 gr / 8,000 PSI	22.0 gr / 9,000 PSI	22.9 gr / 9,900 PSI
7/8 oz	Internat'l	Fio. 616	WAA12L	19.4 gr / 7,500 PSI	20.5 gr / 8,300 PSI	21.6 gr / 9,000 PSI	22.6 gr / 9,600 PSI
7/8 oz	Internat'l	Fed. 209A	Fed. 12S0	19.3 gr / 7,700 PSI	20.4 gr / 8,700 PSI	21.4 gr / 9,600 PSI	22.5 gr / 10,600 PSI
7/8 oz	Internat'l	Fed. 209A	Rem. TGT 12	19.1 gr / 7,300 PSI	20.2 gr / 8,200 PSI	21.3 gr / 9,000 PSI	22.4 gr / 9,900 PSI
7/8 oz	Internat'l	Fed. 209A	WAA12L	19.4 gr / 7,200 PSI	20.4 gr / 8,000 PSI	21.5 gr / 9,000 PSI	22.6 gr / 10,000 PSI
7/8 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.0 gr / 6,600 PSI	21.0 gr / 7,500 PSI	21.9 gr / 8,300 PSI	22.9 gr / 9,200 PSI
7/8 oz	Internat'l	Rem. 209P	Fed. 12S0	19.8 gr / 7,100 PSI	20.9 gr / 8,000 PSI	21.9 gr / 8,800 PSI	23.0 gr / 9,700 PSI
7/8 oz	Internat'l	Rem. 209P	WAA12L	20.5 gr / 6,900 PSI	21.3 gr / 7,600 PSI	22.2 gr / 8,400 PSI	23.1 gr / 9,300 PSI
7/8 oz	Internat'l	Win. 209	Fed. 12S0	20.2 gr / 6,900 PSI	21.2 gr / 7,800 PSI	22.2 gr / 8,700 PSI	23.2 gr / 9,500 PSI
7/8 oz	Internat'l	Win. 209	Rem. TGT 12	20.2 gr / 6,500 PSI	21.3 gr / 7,300 PSI	22.3 gr / 8,100 PSI	23.4 gr / 8,900 PSI
7/8 oz	Internat'l	Rem. 209P	WAA12SL	20.0 gr / 7,800 PSI	21.5 gr / 8,600 PSI	23.5 gr / 9,400 PSI	24.5 gr / 10,200 PSI
7/8 oz	Internat'l	Win. 209	WAA12L	20.7 gr / 6,500 PSI	21.5 gr / 7,400 PSI	22.3 gr / 8,200 PSI	23.1 gr / 9,100 PSI
				1125 fps	1180 fps	1235 fps	1290 fps
1 oz	Titewad	CCI 209	Purple PC	—	17.0 gr / 8,200 PSI	18.0 gr / 10,100 PSI	19.0 gr / 10,500 PSI
1 oz	Titewad	CCI 209	Rem. TGT 12	15.2 gr / 8,200 PSI	16.4 gr / 9,100 PSI	17.7 gr / 10,500 PSI	19.0 gr / 11,400 PSI
1 oz	Titewad	CCI 209	WAA12L	15.8 gr / 8,200 PSI	16.8 gr / 9,000 PSI	17.8 gr / 10,500 PSI	—
1 oz	Titewad	CCI 209SC	Purple PC	—	16.9 gr / 8,300 PSI	18.2 gr / 9,500 PSI	19.6 gr / 10,600 PSI
1 oz	Titewad	CCI 209SC	Rem. TGT 12	15.0 gr / 8,100 PSI	16.0 gr / 8,900 PSI	17.5 gr / 10,100 PSI	18.8 gr / 11,300 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
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## 12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.

				1125 fps	1180 fps	1235 fps	1290 fps
1 oz	Titewad	CCI 209SC	WAA12SL	15.2 gr / 8,200 PSI	16.2 gr / 9,700 PSI	17.5 gr / 10,800 PSI	18.5 gr / 11,400 PSI
1 oz	Titewad	Fed. 209A	Fed. 12SO	16.2 gr / 7,500 PSI	17.2 gr / 7,900 PSI	18.5 gr / 10,000 PSI	19.7 gr / 11,200 PSI
1 oz	Titewad	Fed. 209A	Purple PC	16.2 gr / 6,500 PSI	17.2 gr / 7,200 PSI	18.4 gr / 8,000 PSI	20.0 gr / 9,800PSI
1 oz	Titewad	Fed. 209A	Rem. TGT 12	15.5 gr / 7,500 PSI	16.5 gr / 8,800 PSI	17.8 gr / 10,000 PSI	—
1 oz	Titewad	Fed. 209A	WAA12SL	15.8 gr / 8,000 PSI	17.0 gr / 8,600 PSI	18.2 gr / 10,100 PSI	19.4 gr / 11,000PSI
1 oz	Titewad	Fio. 616	Rem. TGT 12	15.3 gr / 8,100 PSI	16.5 gr / 9,000 PSI	17.7 gr / 10,200 PSI	18.7 gr / 11,100PSI
1 oz	Titewad	Fio. 616	WAA12SL	16.0 gr / 7,300 PSI	17.0 gr / 8,300 PSI	18.0 gr / 9,700 PSI	19.3 gr / 11,300PSI
1 oz	Titewad	Fio. 616	Windjammer	—	—	18.0 gr / 9,600 PSI	19.2 gr / 10,800PSI
1 oz	Titewad	Rem. 209P	CB-4100-12	15.7 gr / 6,800 PSI	17.0 gr / 8,100 PSI	18.2 gr / 9,300 PSI	19.5 gr / 10,600PSI
1 oz	Titewad	Rem. 209P	Purple PC	16.0 gr / 7,400 PSI	17.0 gr / 7,800 PSI	18.0 gr / 9,200 PSI	19.4 gr / 10,600PSI
1 oz	Titewad	Rem. 209P	WAA12SL	15.5 gr / 7,900 PSI	16.7 gr / 9,200 PSI	18.0 gr / 10,000 PSI	19.0 gr / 11,300PSI
1 oz	Titewad	Rem. 209P	Rem. TGT 12	—	16.7 gr / 7,800 PSI	18.2 gr / 9,600 PSI	19.4 gr / 11,300PSI
1 oz	Titewad	Win. 209	CB-4100-12	15.8 gr / 6,800 PSI	17.1 gr / 7,900 PSI	18.4 gr / 9,200 PSI	19.6 gr / 10,200PSI
1 oz	Titewad	Win. 209	Purple PC	16.6 gr / 5,600 PSI	17.7 gr / 6,900 PSI	19.0 gr / 8,400 PSI	20.2 gr / 9,800PSI
1 oz	Titewad	Win. 209	Rem. TGT 12	15.3 gr / 7,400 PSI	16.6 gr / 8,600 PSI	17.9 gr / 9,800 PSI	19.2 gr / 11,000PSI
1 oz	Titewad	Win. 209	WAA12SL	15.5 gr / 7,900 PSI	16.5 gr / 8,900 PSI	18.0 gr / 11,000 PSI	—
1 oz	Titewad	Win. 209	Windjammer	16.4 gr / 7,100 PSI	17.6 gr / 8,300 PSI	18.8 gr / 9,500 PSI	20.0 gr / 10,700PSI
1 oz	Clays	CCI 209	Purple PC	17.1 gr / 6,400 LUP	18.3 gr / 7,100 LUP	19.5 gr / 7,700 LUP	20.7 gr / 8,400 LUP
1 oz	Clays	CCI 209	Rem. TGT 12	15.4 gr / 8,700 PSI	16.6 gr / 9,600 PSI	18.2 gr / 11,400 PSI	—
1 oz	Clays	CCI 209	WAA12SL	15.1 gr / 8,500 PSI	16.3 gr / 10,100 PSI	17.5 gr / 11,200 PSI	—
1 oz	Clays	CCI 209SC	Purple PC	16.0 gr / 7,800 PSI	16.8 gr / 8,800 PSI	18.3 gr / 10,900 PSI	—
1 oz	Clays	CCI 209SC	Rem. TGT 12	15.7 gr / 6,900 LUP	17.8 gr / 8,100 LUP	18.8 gr / 9,900 LUP	20.5 gr / 11,100 LUP
1 oz	Clays	CCI 209SC	WAA12SL	15.8 gr / 8,300 PSI	16.6 gr / 10,000 PSI	17.4 gr / 11,300 PSI	—
1 oz	Clays	Fed. 209A	Purple PC	16.0 gr / 7,900 PSI	17.0 gr / 9,100 PSI	18.5 gr / 10,300 PSI	—
1 oz	Clays	Fed. 209A	Rem. TGT 12	15.6 gr / 8,400 PSI	16.7 gr / 9,000 PSI	18.0 gr / 11,500 PSI	—
1 oz	Clays	Fed. 209A	WAA12SL	15.6 gr / 9,200 PSI	16.5 gr / 10,800 PSI	17.7 gr / 11,300 PSI	—
1 oz	Clays	Fio. 616	WAA12SL	15.5 gr / 8,800 PSI	17.0 gr / 9,000 PSI	18.3 gr / 10,500 PSI	—
1 oz	Clays	Rem. 209P	CB-4100-12	16.7 gr / 5,800 PSI	18.0 gr / 7,200 PSI	19.2 gr / 8,500 PSI	20.4 gr / 9,800PSI
1 oz	Clays	Rem. 209P	Purple PC	16.6 gr / 6,100 PSI	17.8 gr / 7,400 PSI	19.1 gr / 8,800 PSI	20.3 gr / 10,100PSI
1 oz	Clays	Rem. 209P	Rem. TGT 12	16.8 gr / 6,600 LUP	17.9 gr / 7,400 LUP	18.9 gr / 8,100 LUP	19.9 gr / 8,800 LUP
1 oz	Clays	Rem. 209P	WAA12SL	16.4 gr / 6,700 PSI	17.6 gr / 8,100 PSI	18.7 gr / 9,400 PSI	19.9 gr / 10,900PSI
1 oz	Clays	Win. 209	CB-4100-12	16.5 gr / 5,800 PSI	17.8 gr / 7,200 PSI	19.1 gr / 8,600 PSI	20.4 gr / 10,000PSI
1 oz	Clays	Win. 209	Purple PC	16.8 gr / 5,700 PSI	18.1 gr / 7,000 PSI	19.4 gr / 8,300 PSI	20.6 gr / 9,500PSI
1 oz	Clays	Win. 209	Rem. TGT 12	16.3 gr / 6,500 PSI	17.6 gr / 7,900 PSI	18.8 gr / 9,200 PSI	20.1 gr / 10,500PSI
1 oz	Clays	Win. 209	WAA12SL	15.7 gr / 7,100 LUP	17.0 gr / 8,200 LUP	18.4 gr / 9,500 LUP	19.8 gr / 10,700 LUP
1 oz	Clays	Win. 209	Windjammer	17.3 gr / 5,500 PSI	18.4 gr / 7,100 PSI	19.5 gr / 8,600 PSI	20.6 gr / 10,200PSI
				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Internat'l	CCI 209	Purple PC	20.6 gr / 6,300 LUP	21.6 gr / 7,000 LUP	22.7 gr / 8,300 LUP	—
1 oz	Internat'l	CCI 209	Rem. TGT 12	19.0 gr / 6,800 PSI	20.0 gr / 7,900 PSI	21.0 gr / 9,000 PSI	22.0 gr / 10,100PSI
1 oz	Internat'l	CCI 209	WAA12SL	18.6 gr / 7,400 PSI	19.8 gr / 8,500 PSI	21.0 gr / 9,500 PSI	22.3 gr / 10,600PSI
1 oz	Internat'l	CCI 209SC	Purple PC	18.7 gr / 7,200 PSI	20.0 gr / 8,100 PSI	21.2 gr / 9,000 PSI	22.5 gr / 10,000PSI
1 oz	Internat'l	CCI 209SC	Rem. TGT 12	19.5 gr / 6,800 PSI	20.8 gr / 8,000 PSI	22.2 gr / 9,300 PSI	22.8 gr / 10,300PSI
1 oz	Internat'l	CCI 209SC	WAA12SL	18.7 gr / 7,200 PSI	19.8 gr / 8,300 PSI	21.0 gr / 9,400 PSI	22.2 gr / 10,600PSI
1 oz	Internat'l	Fed. 209A	Fed. 12SO	18.0 gr / 7,700 PSI	19.3 gr / 9,700 PSI	21.0 gr / 11,300 PSI	—
1 oz	Internat'l	Fed. 209A	Purple PC	18.4 gr / 7,100 PSI	19.6 gr / 8,200 PSI	20.9 gr / 9,400 PSI	22.2 gr / 10,600PSI
1 oz	Internat'l	Fed. 209A	Rem. TGT 12	18.2 gr / 7,900 PSI	19.2 gr / 9,000 PSI	20.2 gr / 10,000 PSI	21.3 gr / 11,100PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
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## 12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.

				1180 fps	1235 fps	1290 fps	1345 fps
1 oz	Internat'l	Fed. 209A	WAA12SL	17.8 gr / 7,500 PSI	19.0 gr / 8,800 PSI	20.3 gr / 10,200 PSI	21.5 gr / 11,500PSI
1 oz	Internat'l	Fio. 616	WAA12SL	18.6 gr / 7,400 PSI	19.6 gr / 8,600 PSI	20.5 gr / 9,700 PSI	21.5 gr / 10,900PSI
1 oz	Internat'l	Rem. 209P	Purple PC	19.2 gr / 6,800 PSI	20.5 gr / 7,900 PSI	21.7 gr / 8,900 PSI	23.0 gr / 9,900 PSI
1 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.2 gr / 6,800 LUP	20.9 gr / 7,700 LUP	21.4 gr / 8,900 LUP	—
1 oz	Internat'l	Rem. 209P	WAA12SL	19.0 gr / 6,800 PSI	20.2 gr / 8,100 PSI	21.3 gr / 9,300 PSI	22.4 gr / 10,500PSI
1 oz	Internat'l	Win. 209	Purple PC	20.2 gr / 6,500 PSI	21.3 gr / 7,500 PSI	22.4 gr / 8,500 PSI	23.5 gr / 9,600PSI
1 oz	Internat'l	Win. 209	Rem. TGT 12	18.9 gr / 7,100 PSI	20.2 gr / 8,200 PSI	21.5 gr / 9,300 PSI	22.8 gr / 10,300PSI
1 oz	Internat'l	Win. 209	WAA12SL	18.4 gr / 7,100 LUP	20.1 gr / 8,600 LUP	21.0 gr / 10,000 LUP	—
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.3 gr / 10,400 PSI	16.2 gr / 11,000 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	WAA12	15.0 gr / 10,400 PSI	15.8 gr / 11,400 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	15.5 gr / 9,400 PSI	16.5 gr / 10,500 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Hor. Versalite	15.0 gr / 9,900 PSI	15.9 gr / 11,100 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Red PC	15.5 gr / 10,200 PSI	16.0 gr / 10,800 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Rem. Fig. 8	15.0 gr / 10,600 PSI	15.8 gr / 11,300 PSI	—	—
1 1/8 oz	Titewad	CCI 209SC	Red PC	15.0 gr / 9,400 PSI	15.8 gr / 10,000 PSI	—	—
1 1/8 oz	Titewad	CCI 209SC	WAA12	15.0 gr / 10,100 PSI	15.8 gr / 11,100 PSI	—	—
1 1/8 oz	Titewad	CCI 209SC	Windjammer	15.0 gr / 10,000 PSI	16.0 gr / 11,100 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S3	15.4 gr / 9,200 PSI	16.7 gr / 10,300 PSI	17.5 gr / 11,300 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Hor. Vers.	15.0 gr / 9,400 PSI	16.0 gr / 10,800 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Red PC	15.5 gr / 9,200 PSI	16.5 gr / 9,700 PSI	18.0 gr / 11,300 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Rem. Fig. 8	15.2 gr / 9,600 PSI	16.3 gr / 10,700 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	WAA12	15.2 gr / 9,800 PSI	16.0 gr / 10,500 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Windjammer	15.3 gr / 9,000 PSI	16.3 gr / 9,500 PSI	17.8 gr / 11,100 PSI	—
1 1/8 oz	Titewad	Fio. 616	Fio. TL1	15.0 gr / 10,700 PSI	16.0 gr / 11,500 PSI	—	—
1 1/8 oz	Titewad	Fio. 616	Red PC	15.7 gr / 8,800 PSI	16.7 gr / 9,800 PSI	17.8 gr / 11,100 PSI	—
1 1/8 oz	Titewad	Fio. 616	Rem. Fig. 8	15.0 gr / 10,000 PSI	16.0 gr / 11,000 PSI	—	—
1 1/8 oz	Titewad	Fio. 616	WAA12	15.0 gr / 9,400 PSI	16.0 gr / 10,600 PSI	—	—
1 1/8 oz	Titewad	Fio. 616	Windjammer	15.3 gr / 9,100 PSI	16.3 gr / 10,300 PSI	17.3 gr / 11,300 PSI	—
1 1/8 oz	Titewad	Rem. 209P	Fed. 12S3	15.3 gr / 10,000 PSI	16.3 gr / 11,500 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Hor. Vers.	14.9 gr / 9,500 PSI	16.0 gr / 11,300 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Red PC	15.5 gr / 8,600 PSI	16.7 gr / 10,200 PSI	18.0 gr / 11,300 PSI	—
1 1/8 oz	Titewad	Rem. 209P	Rem. Fig 8	15.2 gr / 9,100 PSI	16.5 gr / 10,100 PSI	17.9 gr / 10,900 PSI	—
1 1/8 oz	Titewad	Rem. 209P	Trapper	15.0 gr / 10,200 PSI	16.0 gr / 11,000 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	WAA12	15.1 gr / 9,700 PSI	16.1 gr / 10,900 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Windjammer	15.3 gr / 9,000 PSI	16.5 gr / 10,200 PSI	17.6 gr / 11,400 PSI	—
1 1/8 oz	Titewad	Win. 209	Fed. 12S3	16.0 gr / 9,600 PSI	17.0 gr / 10,900 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Fio. TL1	15.6 gr / 10,400 PSI	16.3 gr / 11,300 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Hawk	15.2 gr / 9,500 PSI	16.3 gr / 10,700 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Hor. Vers.	15.5 gr / 8,900 PSI	16.4 gr / 10,100 PSI	17.5 gr / 11,000 PSI	—
1 1/8 oz	Titewad	Win. 209	Red PC	15.8 gr / 8,000 PSI	17.1 gr / 9,500 PSI	18.3 gr / 10,900 PSI	—
1 1/8 oz	Titewad	Win. 209	Rem. Fig. 8	15.8 gr / 9,200 PSI	16.8 gr / 10,400 PSI	17.8 gr / 11,300 PSI	—
1 1/8 oz	Titewad	Win. 209	Trapper	15.1 gr / 9,900 PSI	16.3 gr / 11,200 PSI	—	—
1 1/8 oz	Titewad	Win. 209	WAA12	15.4 gr / 8,700 PSI	16.7 gr / 10,000 PSI	17.9 gr / 11,400 PSI	—
1 1/8 oz	Titewad	Win. 209	Windjammer	16.1 gr / 9,100 PSI	17.2 gr / 10,400 PSI	18.5 gr / 11,500 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.0 gr / 9,100 PSI	17.2 gr / 10,400 PSI	—	—
1 1/8 oz	Clays	Ched. 209	WAA12	15.5 gr / 9,500 PSI	16.4 gr / 10,600 PSI	—	—

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.</b>							
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Clays	Ched. 209	Windjammer	115.7 gr / 8,100 PSI	17.0 gr / 9,500 PSI	18.3 gr / 10,800 PSI	—
1 1/8 oz	Clays	CCI 209	Fed. 12S3	16.0 gr / 9,300 PSI	17.2 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	CCI 209	Hor. Vers.	16.0 gr / 8,300 PSI	17.5 gr / 9,800 PSI	18.9 gr / 11,200 PSI	—
1 1/8 oz	Clays	CCI 209	Red PC	16.0 gr / 8,400 PSI	17.4 gr / 9,800 PSI	18.8 gr / 11,300 PSI	—
1 1/8 oz	Clays	CCI 209	Rem. Fig. 8	16.8 gr / 7,400 PSI	18.0 gr / 9,300 PSI	19.3 gr / 11,400 PSI	—
1 1/8 oz	Clays	CCI 209	WAA12	15.9 gr / 8,500 PSI	17.2 gr / 10,300 PSI	18.2 gr / 11,500 PSI	—
1 1/8 oz	Clays	CCI 209	Windjammer	16.6 gr / 6,400 LUP	18.0 gr / 7,500 LUP	19.4 gr / 8,600 LUP	—
1 1/8 oz	Clays	CCI 209SC	Hor. Vers.	16.0 gr / 9,100 PSI	16.9 gr / 11,100 PSI	—	—
1 1/8 oz	Clays	CCI 209SC	Red PC	15.7 gr / 8,700 PSI	17.0 gr / 10,100 PSI	18.4 gr / 11,500 PSI	—
1 1/8 oz	Clays	CCI 209SC	Rem. Fig. 8	16.0 gr / 6,600 PSI	17.0 gr / 8,100 PSI	18.0 gr / 8,800 PSI	—
1 1/8 oz	Clays	CCI 209SC	WAA12	16.0 gr / 9,300 PSI	17.0 gr / 10,900 PSI	—	—
1 1/8 oz	Clays	CCI 209SC	Windjammer	—	17.6 gr / 9,900 PSI	18.5 gr / 11,500 PSI	—
1 1/8 oz	Clays	Fed. 209A	Hor. Vers.	15.5 gr / 9,600 PSI	16.6 gr / 11,000 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	Red PC	15.8 gr / 8,900 PSI	16.6 gr / 10,200 PSI	18.0 gr / 11,300 PSI	—
1 1/8 oz	Clays	Fed. 209A	Rem. Fig. 8	15.8 gr / 9,500 PSI	16.9 gr / 10,700 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	WAA12	15.5 gr / 9,900 PSI	16.6 gr / 11,200 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	Windjammer	16.2 gr / 8,500 PSI	17.3 gr / 10,000 PSI	18.4 gr / 11,400 PSI	—
1 1/8 oz	Clays	Fio. 616	Fio. FTWI	15.5 gr / 7,700 LUP	16.9 gr / 9,200 LUP	18.4 gr / 10,900 LUP	—
1 1/8 oz	Clays	Fio. 616	Rem. Fig. 8	15.8 gr / 8,600 PSI	17.0 gr / 10,500 PSI	—	—
1 1/8 oz	Clays	Fio. 616	WAA12	15.8 gr / 9,100 PSI	16.8 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	Fio. 616	Windjammer	15.9 gr / 8,100 PSI	17.2 gr / 9,500 PSI	18.4 gr / 10,800 PSI	—
1 1/8 oz	Clays	Rem. 209P	Fed. 12S3	16.4 gr / 7,600 LUP	17.6 gr / 8,600 LUP	18.8 gr / 9,600 LUP	—
1 1/8 oz	Clays	Rem. 209P	Hawk	15.5 gr / 9,000 PSI	16.5 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	Rem. 209P	Hor. Vers.	15.9 gr / 8,800 PSI	16.9 gr / 10,300 PSI	18.1 gr / 11,500 PSI	—
1 1/8 oz	Clays	Rem. 209P	Red PC	16.5 gr / 8,200 PSI	17.7 gr / 9,900 PSI	18.8 gr / 11,500 PSI	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	16.9 gr / 6,900 LUP	18.0 gr / 7,900 LUP	19.2 gr / 9,000 LUP	—
1 1/8 oz	Clays	Rem. 209P	Trapper	15.9 gr / 9,400 PSI	17.0 gr / 11,200 PSI	—	—
1 1/8 oz	Clays	Rem. 209P	WAA12	16.6 gr / 7,700 LUP	17.7 gr / 9,000 LUP	18.8 gr / 10,300 LUP	—
1 1/8 oz	Clays	Rem. 209P	Windjammer	16.3 gr / 8,100 PSI	17.5 gr / 9,500 PSI	18.8 gr / 11,100 PSI	—
1 1/8 oz	Clays	Win. 209	Hawk	15.8 gr / 8,600 PSI	17.2 gr / 10,000 PSI	18.6 gr / 11,500 PSI	—
1 1/8 oz	Clays	Win. 209	Hor. Versalite	15.8 gr / 7,600 LUP	17.2 gr / 9,100 LUP	18.6 gr / 10,500 LUP	—
1 1/8 oz	Clays	Win. 209	Lage Uniwad	16.6 gr / 8,800 PSI	17.7 gr / 10,300 PSI	—	—
1 1/8 oz	Clays	Win. 209	Red PC	16.5 gr / 7,800 PSI	17.7 gr / 9,400 PSI	19.0 gr / 11,100 PSI	—
1 1/8 oz	Clays	Win. 209	Rem. Fig. 8	16.4 gr / 8,400 PSI	17.5 gr / 9,700 PSI	18.6 gr / 11,000 PSI	—
1 1/8 oz	Clays	Win. 209	Trapper	16.2 gr / 9,200 PSI	17.3 gr / 10,500 PSI	—	—
1 1/8 oz	Clays	Win. 209	WAA12	16.2 gr / 8,100 PSI	17.3 gr / 9,700 PSI	18.4 gr / 11,300 PSI	—
1 1/8 oz	Clays	Win. 209	Windjammer	16.8 gr / 7,700 PSI	18.1 gr / 9,100 PSI	19.4 gr / 10,500 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.6 gr / 7,800 PSI	18.7 gr / 8,900 PSI	19.8 gr / 10,100 PSI	21.0 gr / 11,300 PSI
1 1/8 oz	Internat'l	Ched. 209	WAA12	17.1 gr / 8,000 PSI	18.3 gr / 9,200 PSI	19.5 gr / 10,400 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Windjammer	17.7 gr / 7,500 PSI	18.8 gr / 8,600 PSI	19.9 gr / 9,600 PSI	21.1 gr / 10,800 PSI
1 1/8 oz	Internat'l	CCI 209	Hor. Vers.	17.2 gr / 7,600 PSI	18.4 gr / 8,200 PSI	19.7 gr / 10,400 PSI	20.9 gr / 11,500 PSI
1 1/8 oz	Internat'l	CCI 209	Red PC	17.9 gr / 6,800 PSI	19.0 gr / 8,000 PSI	20.1 gr / 9,600 PSI	21.2 gr / 11,100 PSI
1 1/8 oz	Internat'l	CCI 209	Rem. Fig. 8	17.8 gr / 7,400 PSI	19.0 gr / 8,800 PSI	20.2 gr / 10,200 PSI	21.3 gr / 11,400 PSI
1 1/8 oz	Internat'l	CCI 209	WAA12	17.1 gr / 7,800 PSI	18.3 gr / 8,900 PSI	19.6 gr / 10,200 PSI	20.9 gr / 11,400 PSI
1 1/8 oz	Internat'l	CCI 209	Windjammer	19.2 gr / 6,100 LUP	19.8 gr / 6,500 LUP	21.2 gr / 7,500 LUP	22.3 gr / 8,300 LUP
1 1/8 oz	Internat'l	CCI 209SC	Fio. TL1	17.0 gr / 8,000 PSI	18.3 gr / 9,200 PSI	19.7 gr / 10,500 PSI	—

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.</b>							
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Internat'l	CCI 209SC	Hor. Vers.	17.1 gr / 7,800 PSI	18.3 gr / 9,100 PSI	19.4 gr / 10,400 PSI	—
1 1/8 oz	Internat'l	CCI 209SC	Red PC	17.6 gr / 7,800 PSI	18.9 gr / 9,100 PSI	19.8 gr / 10,000 PSI	20.8 gr / 11,000 PSI
1 1/8 oz	Internat'l	CCI 209SC	Rem. Fig. 8	18.0 gr / 7,200 PSI	19.0 gr / 7,900 PSI	20.3 gr / 9,300 PSI	22.0 gr / 10,300 PSI
1 1/8 oz	Internat'l	CCI 209SC	WAA12	17.1 gr / 7,900 PSI	18.3 gr / 9,200 PSI	19.5 gr / 10,400 PSI	20.8 gr / 11,500 PSI
1 1/8 oz	Internat'l	CCI 209SC	Windjammer	17.6 gr / 7,500 PSI	18.8 gr / 8,600 PSI	20.0 gr / 9,700 PSI	21.2 gr / 10,700 PSI
1 1/8 oz	Internat'l	Fed. 209A	Hor. Vers.	16.8 gr / 8,700 PSI	17.7 gr / 9,700 PSI	18.9 gr / 11,100 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Red PC	17.1 gr / 8,100 PSI	18.3 gr / 9,200 PSI	19.5 gr / 10,300 PSI	20.6 gr / 11,300 PSI
1 1/8 oz	Internat'l	Fed. 209A	Rem. Fig. 8	16.9 gr / 8,200 PSI	18.0 gr / 9,300 PSI	19.3 gr / 10,700 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	WAA12	16.7 gr / 8,300 PSI	17.9 gr / 9,600 PSI	19.1 gr / 10,800 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Windjammer	16.9 gr / 7,600 PSI	18.2 gr / 8,900 PSI	19.6 gr / 10,200 PSI	20.9 gr / 11,400 PSI
1 1/8 oz	Internat'l	Fio. 616	Fio. TL1	18.1 gr / 7,800 LUP	18.7 gr / 8,600 LUP	19.9 gr / 10,000 LUP	—
1 1/8 oz	Internat'l	Fio. 616	Red PC	17.7 gr / 7,200 PSI	18.8 gr / 8,700 PSI	20.0 gr / 10,300 PSI	—
1 1/8 oz	Internat'l	Fio. 616	Rem. Fig. 8	17.3 gr / 7,900 PSI	18.5 gr / 9,000 PSI	19.7 gr / 10,100 PSI	20.9 gr / 11,300 PSI
1 1/8 oz	Internat'l	Fio. 616	WAA12	17.2 gr / 8,300 PSI	18.3 gr / 9,500 PSI	19.4 gr / 10,700 PSI	—
1 1/8 oz	Internat'l	Fio. 616	Windjammer	17.3 gr / 6,900 PSI	18.7 gr / 8,400 PSI	20.0 gr / 9,800 PSI	21.4 gr / 11,200 PSI
1 1/8 oz	Internat'l	Rem. 209P	Fed. 12S3	17.6 gr / 6,900 LUP	18.3 gr / 8,800 LUP	19.4 gr / 9,000 LUP	20.6 gr / 10,200 LUP
1 1/8 oz	Internat'l	Rem. 209P	Hawk	17.5 gr / 7,700 PSI	18.7 gr / 8,900 PSI	19.9 gr / 10,200 PSI	21.0 gr / 11,300 PSI
1 1/8 oz	Internat'l	Rem. 209P	Hor. Vers.	17.2 gr / 7,700 PSI	18.4 gr / 8,900 PSI	19.6 gr / 10,100 PSI	20.8 gr / 11,300 PSI
1 1/8 oz	Internat'l	Rem. 209P	Red PC	17.6 gr / 7,300 PSI	18.9 gr / 8,600 PSI	20.2 gr / 9,900 PSI	21.4 gr / 11,100 PSI
1 1/8 oz	Internat'l	Rem. 209P	Rem. Fig. 8	18.6 gr / 6,400 LUP	19.6 gr / 7,000 LUP	20.9 gr / 7,500 LUP	21.7 gr / 9,100 LUP
1 1/8 oz	Internat'l	Rem. 209P	Trapper	17.3 gr / 8,400 PSI	18.4 gr / 9,200 PSI	19.8 gr / 10,300 PSI	21.2 gr / 11,400 PSI
1 1/8 oz	Internat'l	Rem. 209P	WAA12	18.3 gr / 7,000 LUP	18.8 gr / 7,600 LUP	19.7 gr / 8,700 LUP	20.9 gr / 10,400 LUP
1 1/8 oz	Internat'l	Rem. 209P	Windjammer	—	19.2 gr / 8,400 PSI	20.3 gr / 9,400 PSI	21.5 gr / 10,500 PSI
1 1/8 oz	Internat'l	Win. 209	Fed. 12S3	17.7 gr / 8,100 PSI	19.0 gr / 9,300 PSI	20.1 gr / 10,300 PSI	21.4 gr / 11,500 PSI
1 1/8 oz	Internat'l	Win. 209	Hawk	17.7 gr / 7,700 PSI	18.9 gr / 9,000 PSI	20.0 gr / 10,200 PSI	21.5 gr / 11,500 PSI
1 1/8 oz	Internat'l	Win. 209	Hor. Versalite	17.8 gr / 6,900 LUP	18.4 gr / 7,800 LUP	19.5 gr / 9,100 LUP	20.6 gr / 10,400 LUP
1 1/8 oz	Internat'l	Win. 209	Lage Uniwad	17.7 gr / 7,400 PSI	19.0 gr / 8,600 PSI	20.3 gr / 9,900 PSI	21.6 gr / 11,100 PSI
1 1/8 oz	Internat'l	Win. 209	Red PC	17.7 gr / 7,600 PSI	19.0 gr / 8,600 PSI	20.3 gr / 9,600 PSI	21.5 gr / 10,500 PSI
1 1/8 oz	Internat'l	Win. 209	Rem. Fig. 8	17.5 gr / 7,900 PSI	18.6 gr / 9,000 PSI	19.7 gr / 10,200 PSI	20.8 gr / 11,300 PSI
1 1/8 oz	Internat'l	Win. 209	Trapper	17.0 gr / 7,900 PSI	18.5 gr / 9,100 PSI	19.9 gr / 10,100 PSI	21.3 gr / 11,500 PSI
1 1/8 oz	Internat'l	Win. 209	WAA12	17.0 gr / 7,100 PSI	18.4 gr / 8,600 PSI	19.8 gr / 10,100 PSI	21.1 gr / 11,500 PSI
1 1/8 oz	Internat'l	Win. 209	Windjammer	19.4 gr / 8,200 PSI	20.1 gr / 8,900 PSI	22.1 gr / 10,300 PSI	—
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	CCI 209	Windjammer	23.2 gr / 8,400 PSI	24.4 gr / 9,100 PSI	25.7 gr / 10,200 PSI	—
1 1/8 oz	Universal	CCI 209M	Hor. Versalite	21.1 gr / 9,600 PSI	22.5 gr / 10,600 PSI	24.3 gr / 11,400 PSI	—
1 1/8 oz	Universal	Fed. 209	Fed. 12S3	22.5 gr / 9,700 PSI	23.5 gr / 10,600 PSI	24.0 gr / 11,500 PSI	—
1 1/8 oz	Universal	Fed. 209A	Fed. 12S3	21.7 gr / 10,200 PSI	22.7 gr / 11,000 PSI	—	—
1 1/8 oz	Universal	Fio. 616	Fio. TL1	22.5 gr / 9,400 PSI	23.5 gr / 10,600 PSI	—	—
1 1/8 oz	Universal	Win. 209	Rem. Fig. 8	22.5 gr / 8,900 PSI	23.7 gr / 9,900 PSI	25.0 gr / 10,800 PSI	—
1 1/8 oz	Universal	Win. 209	WAA12	21.5 gr / 9,800 PSI	23.0 gr / 10,700 PSI	—	—
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	CCI 209M	Fed. 12S3	30.6 gr / 10,000 PSI	31.9 gr / 11,000 PSI	—	—
1 1/8 oz	Longshot	CCI 209M	Hor. Vers.	31.7 gr / 9,000 PSI	32.9 gr / 9,900 PSI	34.1 gr / 10,900 PSI	—
1 1/8 oz	Longshot	CCI 209M	Rem. R12L	31.0 gr / 9,600 PSI	32.7 gr / 10,400 PSI	34.5 gr / 11,400 PSI	—
1 1/8 oz	Longshot	CCI 209M	WAA12	30.9 gr / 9,800 PSI	32.3 gr / 10,600 PSI	33.6 gr / 11,400 PSI	—
1 1/8 oz	Longshot	CCI 209M	Windjammer	31.7 gr / 9,000 PSI	33.3 gr / 9,800 PSI	34.8 gr / 10,600 PSI	36.4 gr / 11,500 PSI



# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.</b>							
				<b>1420 fps</b>	<b>1475 fps</b>	<b>1530 fps</b>	<b>1585 fps</b>
1 1/8 oz	Longshot	Fed. 209A	Fed. 12S3	29.4 gr / 10,700 PSI	31.1 gr / 11,600 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	Hor. Vers.	29.1 gr / 10,500 PSI	31.0 gr / 11,500 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	Rem. R12L	29.8 gr / 10,200 PSI	31.2 gr / 11,100 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	WAA12	29.4 gr / 10,900 PSI	—	—	—
1 1/8 oz	Longshot	Fed. 209A	Windjammer	30.6 gr / 9,300 PSI	32.1 gr / 10,300 PSI	33.6 gr / 11,300 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Fed. 12S3	30.3 gr / 9,700 PSI	31.4 gr / 10,700 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Hor. Vers.	31.0 gr / 9,100 PSI	32.4 gr / 10,000 PSI	33.7 gr / 10,900 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Rem. R12L	31.1 gr / 9,400 PSI	32.5 gr / 10,400 PSI	33.9 gr / 11,400 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA12	30.6 gr / 9,300 PSI	31.7 gr / 10,400 PSI	32.7 gr / 11,500 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Windjammer	32.0 gr / 8,600 PSI	33.5 gr / 9,700 PSI	35.0 gr / 10,900 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 12S3	31.9 gr / 8,500 PSI	33.0 gr / 9,800 PSI	34.2 gr / 11,100 PSI	—
1 1/8 oz	Longshot	Win. 209	Hor. Vers.	32.2 gr / 8,300 PSI	33.5 gr / 9,200 PSI	34.7 gr / 10,100 PSI	36.0 gr / 11,100 PSI
1 1/8 oz	Longshot	Win. 209	Rem. R12L	31.5 gr / 8,800 PSI	32.0 gr / 10,100 PSI	34.5 gr / 11,400 PSI	—
1 1/8 oz	Longshot	Win. 209	WAA12	31.7 gr / 9,100 PSI	32.8 gr / 10,100 PSI	33.5 gr / 11,200 PSI	—
1 1/8 oz	Longshot	Win. 209	Windjammer	33.4 gr / 7,700 PSI	34.3 gr / 8,800 PSI	35.3 gr / 10,000 PSI	36.3 gr / 11,100 PSI
				<b>1220 fps</b>	<b>1330 fps</b>		
1 1/4 oz	Universal	CCI 209	Rem. SP12	23.7 gr / 9,200 PSI	—		
1 1/4 oz	Universal	CCI 209	WAA12F114	23.1 gr / 10,800 PSI	—		
1 1/4 oz	Universal	CCI 209M	Rem. SP12	23.5 gr / 10,800 PSI	—		
1 1/4 oz	Universal	CCI 209M	WAA12F114	23.0 gr / 11,300 PSI	—		
1 1/4 oz	Universal	Fed. 209A	Rem. SP12	22.5 gr / 11,300 PSI	—		
1 1/4 oz	Universal	Rem. 209P	Fed. 12S4	23.5 gr / 11,200 PSI	—		
1 1/4 oz	Universal	Rem. 209P	Rem. SP12	24.0 gr / 9,600 PSI	—		
1 1/4 oz	Universal	Rem. 209P	WAA12F114	23.7 gr / 10,600 PSI	—		
1 1/4 oz	Universal	Win. 209	Fed. 12S4	23.7 gr / 11,500 PSI	—		
1 1/4 oz	Universal	Win. 209	Rem. SP12	24.0 gr / 10,000 PSI	—		
1 1/4 oz	Universal	Win. 209	WAA12F114	23.5 gr / 10,900 PSI	—		
1 1/4 oz	HS-6	Win. 209	WAA12F114	32.0 gr / 9,200 LUP	34.0 gr / 10,400 LUP		
1 1/4 oz	HS-6	Win. 209	Rem. R12H	32.0 gr / 9,100 LUP	34.0 gr / 10,200 LUP		
				<b>1330 fps</b>	<b>1385 fps</b>	<b>1440 fps</b>	<b>1495 fps</b>
1 1/4 oz	Longshot	CCI 209M	Fed. 12S4	27.0 gr / 11,400 PSI	—	—	—
1 1/4 oz	Longshot	CCI 209M	Rem. R12L	27.7 gr / 10,600 PSI	28.7 gr / 11,500 PSI	—	—
1 1/4 oz	Longshot	CCI 209M	WAA12F114	26.4 gr / 11,500 PSI	—	—	—
1 1/4 oz	Longshot	Fed. 209A	Fed. 12S4	27.0 gr / 11,500 PSI	—	—	—
1 1/4 oz	Longshot	Fed. 209A	Rem. R12L	27.5 gr / 10,600 PSI	—	—	—
1 1/4 oz	Longshot	Fed. 209A	WAA12F114	27.3 gr / 11,400 PSI	—	—	—
1 1/4 oz	Longshot	Rem. 209P	Fed. 12S4	27.4 gr / 10,900 PSI	—	—	—
1 1/4 oz	Longshot	Rem. 209P	Rem. R12L	28.5 gr / 9,900 PSI	29.9 gr / 10,700 PSI	—	—
1 1/4 oz	Longshot	Rem. 209P	WAA12F114	27.1 gr / 10,600 PSI	28.2 gr / 11,500 PSI	—	—
1 1/4 oz	Longshot	Win. 209	Fed. 12S4	28.3 gr / 9,900 PSI	29.6 gr / 11,100 PSI	—	—
1 1/4 oz	Longshot	Win. 209	Rem. R12L	28.5 gr / 9,300 PSI	30.2 gr / 10,300 PSI	31.8 gr / 11,200 PSI	—
1 1/4 oz	Longshot	Win. 209	WAA12F114	28.2 gr / 9,100 PSI	30.1 gr / 10,400 PSI	—	—
				<b>1285 fps</b>			
1 3/8 oz	HS-7	Win. 209	WAA12R	38.5 gr / 9,900 LUP			
1 3/8 oz	HS-7	Win. 209	Rem. R12H	38.0 gr / 10,100 LUP			

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", REMINGTON PREMIER, NITRO 27 AND STS PLASTIC SHELLS CONT.</b>							
				<b>1260 fps</b>			
1 1/2 oz	HS-7	Fed. 209	Rem. R12H	36.0 gr / 10,600 LUP			
1 1/2 oz	HS-7	Win. 209	WAA12R	35.5 gr / 10,300 LUP			
				<b>1205 fps</b>	<b>1260 fps</b>		
1 1/2 oz	Longshot	Rem. 209P	Rem. RP12	25.0 gr / 11,500 PSI	—		
1 1/2 oz	Longshot	Rem. 209P	WAA12R	24.8 gr / 11,000 PSI	—		
1 1/2 oz	Longshot	Win. 209	Rem. RP12	25.6 gr / 10,400 PSI	—		
1 1/2 oz	Longshot	Win. 209	WAA12R	26.1 gr / 10,500 PSI	27.0 gr / 11,300 PSI		
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS</b>							
				<b>1250 fps</b>	<b>1300 fps</b>	<b>1350 fps</b>	<b>1400 fps</b>
7/8 oz	Titewad	CCI 209SC	Rem. TGT 12	17.7 gr / 7,800 PSI	18.8 gr / 8,900 PSI	19.8 gr / 9,600 PSI	21.0 gr / 10,200 PSI
7/8 oz	Titewad	CCI 209SC	WAA12L	17.3 gr / 8,800 PSI	18.2 gr / 10,100 PSI	19.8 gr / 11,300 PSI	—
7/8 oz	Titewad	Fed. 209A	Fed. 12S0	18.5 gr / 7,800 PSI	19.7 gr / 8,800 PSI	20.8 gr / 10,200 PSI	21.7 gr / 10,700 PSI
7/8 oz	Titewad	Fed. 209A	WAA12L	17.8 gr / 8,600 PSI	18.8 gr / 9,100 PSI	19.8 gr / 10,700 PSI	—
7/8 oz	Titewad	Rem. 209P	Fed. 12S0	17.4 gr / 9,200 PSI	18.6 gr / 10,100 PSI	19.4 gr / 11,300 PSI	—
7/8 oz	Titewad	Fio. 616	Rem. TGT 12	17.5 gr / 8,100 PSI	19.2 gr / 8,900 PSI	20.1 gr / 9,800 PSI	21.3 gr / 10,500 PSI
7/8 oz	Titewad	Rem. 209P	Rem.TGT12	17.2 gr / 8,300 PSI	18.2 gr / 9,400 PSI	19.5 gr / 10,300 PSI	—
7/8 oz	Titewad	Rem. 209P	WAA12L	18.0 gr / 8,500 PSI	19.0 gr / 9,100 PSI	19.9 gr / 10,000 PSI	—
7/8 oz	Titewad	Win. 209	Fed. 12S0	17.3 gr / 9,300 PSI	18.5 gr / 10,400 PSI	19.5 gr / 11,300 PSI	—
7/8 oz	Titewad	Win. 209	Rem.TGT12	17.1 gr / 9,300 PSI	18.1 gr / 9,900 PSI	19.5 gr / 10,800 PSI	—
7/8 oz	Titewad	Win. 209	WAA12L	17.8 gr / 8,600 PSI	19.1 gr / 9,500 PSI	20.2 gr / 10,300 PSI	21.4 gr / 10,800 PSI
				<b>1200 fps</b>	<b>1250 fps</b>	<b>1300 fps</b>	<b>1350 fps</b>
7/8 oz	Clays	CCI 209M	Fed. 12S0	16.0 gr / 8,100 PSI	17.2 gr / 10,200 PSI	18.2 gr / 11,400 PSI	—
7/8 oz	Clays	CCI 209M	Rem. TGT 12	16.5 gr / 7,100 PSI	17.5 gr / 7,800 PSI	18.5 gr / 8,900 PSI	—
7/8 oz	Clays	CCI 209M	WAA12L	15.8 gr / 7,500 PSI	17.1 gr / 9,200 PSI	18.0 gr / 10,600 PSI	—
7/8 oz	Clays	CCI 209SC	Fed. 12S0	16.0 gr / 8,800 PSI	17.4 gr / 9,700 PSI	18.2 gr / 11,200 PSI	—
7/8 oz	Clays	CCI 209SC	Rem. TGT 12	16.3 gr / 6,500 PSI	17.6 gr / 7,100 PSI	18.7 gr / 7,800 PSI	—
7/8 oz	Clays	CCI 209SC	WAA12L	16.0 gr / 7,600 PSI	17.4 gr / 9,500 PSI	18.3 gr / 10,500 PSI	—
7/8 oz	Clays	Fed. 209A	Fed. 12S0	16.0 gr / 8,800 PSI	17.4 gr / 9,400 PSI	18.3 gr / 11,300 PSI	—
7/8 oz	Clays	Fed. 209A	Rem.TGT12	16.0 gr / 6,900 PSI	17.2 gr / 9,300 PSI	18.5 gr / 9,900 PSI	19.5 gr / 11,400 PSI
7/8 oz	Clays	Fed. 209A	WAA12L	—	18.0 gr / 8,400 PSI	19.1 gr / 9,300 PSI	20.5 gr / 10,800 PSI
7/8 oz	Clays	Fed. 209A	WAA12SL	—	18.0 gr / 8,500 PSI	19.0 gr / 9,700 PSI	—
7/8 oz	Clays	Rem. 209P	Fed. 12S0	16.8 gr / 7,100 PSI	18.0 gr / 8,600 PSI	19.0 gr / 9,200 PSI	—
7/8 oz	Clays	Rem. 209P	Rem. TGT 12	18.2 gr / 6,000 LUP	18.9 gr / 6,800 LUP	—	—
7/8 oz	Clays	Rem. 209P	WAA12L	16.8 gr / 6,800 PSI	18.1 gr / 7,500 PSI	19.1 gr / 8,600 PSI	20.5 gr / 10,700PSI
7/8 oz	Clays	Win. 209	Fed. 12S0	17.1 gr / 7,400 PSI	18.0 gr / 8,000 PSI	20.0 gr / 10,700 PSI	—
7/8 oz	Clays	Win. 209	Rem.TGT12	15.8 gr / 7,100 PSI	17.4 gr / 8,000 PSI	18.4 gr / 9,000 PSI	19.4 gr / 11,300 PSI
7/8 oz	Clays	Win. 209	WAA12SL	16.9 gr / 7,100 LUP	18.1 gr / 7,400 LUP	19.7 gr / 8,400 LUP	—
7/8 oz	Clays	Win. 209	WAA12L	—	18.3 gr / 8,300 PSI	19.2 gr / 9,400 PSI	20.5 gr / 10,000 PSI
				<b>1250 fps</b>	<b>1300 fps</b>	<b>1350 fps</b>	<b>1400 fps</b>
7/8 oz	Internat'l	CCI 209M	Fed. 12S0	—	20.0 gr / 9,500 PSI	21.0 gr / 10,200 PSI	22.0 gr / 11,000 PSI
7/8 oz	Internat'l	CCI 209M	Rem.TGT12	19.0 gr / 7,400 PSI	20.0 gr / 8,900 PSI	20.8 gr / 8,900 PSI	22.0 gr / 10,400PSI
7/8 oz	Internat'l	CCI 209M	WAA12L	18.8 gr / 7,600 PSI	20.0 gr / 8,000 PSI	21.0 gr / 9,500 PSI	22.4 gr / 10,500PSI
7/8 oz	Internat'l	CCI 209M	Fed. 12S0	19.0 gr / 8,200 PSI	20.0 gr / 9,100 PSI	21.0 gr / 10,200 PSI	22.0 gr / 11,000 PSI
7/8 oz	Internat'l	CCI 209SC	Rem.TGT12	19.0 gr / 7,800 PSI	19.8 gr / 8,200 PSI	20.8 gr / 9,400 PSI	21.5 gr / 10,300PSI
7/8 oz	Internat'l	CCI 209SC	WAA12L	19.2 gr / 8,100 PSI	20.2 gr / 8,700 PSI	21.2 gr / 9,500 PSI	22.2 gr / 10,800PSI

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>							
				<b>1250 fps</b>	<b>1300 fps</b>	<b>1350 fps</b>	<b>1400 fps</b>
7/8 oz	Internat'l	Ched. 209	WAA12L	20.0 gr / 7,000 PSI	21.2 gr / 7,500 PSI	22.0 gr / 8,400 PSI	22.8 gr / 9,300 PSI
7/8 oz	Internat'l	Fed. 209A	Fed. 12SO	18.5 gr / 8,700 PSI	19.5 gr / 9,900 PSI	20.8 gr / 11,000 PSI	—
7/8 oz	Internat'l	Fed. 209A	Rem.TGT12	18.6 gr / 8,300 PSI	19.7 gr / 9,000 PSI	20.6 gr / 10,000 PSI	22.0 gr / 10,800PSI
7/8 oz	Internat'l	Fed. 209A	WAA12SL	20.0 gr / 7,800 PSI	21.0 gr / 8,600 PSI	22.0 gr / 9,500 PSI	—
7/8 oz	Internat'l	Rem. 209P	Fed. 12SO	19.9 gr / 8,000 PSI	20.7 gr / 8,600 PSI	22.0 gr / 9,600 PSI	22.9 gr / 10,500PSI
7/8 oz	Internat'l	Rem. 209P	Rem.TGT12	20.5 gr / 6,800 PSI	21.5 gr / 7,300 PSI	22.5 gr / 8,300 PSI	23.0 gr / 9,300PSI
7/8 oz	Internat'l	Rem. 209P	WAA12L	20.0 gr / 7,500 PSI	20.8 gr / 8,300 PSI	22.2 gr / 8,900 PSI	22.7 gr / 10,200PSI
7/8 oz	Internat'l	Win. 209	Fed. 12SO	19.5 gr / 8,100 PSI	20.9 gr / 8,500 PSI	21.9 gr / 9,500 PSI	—
7/8 oz	Internat'l	Win. 209	Rem.TGT12	19.2 gr / 7,100 PSI	20.2 gr / 7,800 PSI	21.2 gr / 8,700 PSI	22.5 gr / 9,300PSI
7/8 oz	Internat'l	Win. 209	WAA12SL	20.5 gr / 7,900 PSI	21.0 gr / 8,600 PSI	21.5 gr / 9,100 PSI	22.5 gr / 10,200PSI
				<b>1125 fps</b>	<b>1180 fps</b>	<b>1235 fps</b>	<b>1290 fps</b>
1 oz	Titewad	CCI 209SC	Purple PC	15.5 gr / 7,400 PSI	17.0 gr / 7,700 PSI	18.5 gr / 9,100 PSI	20.0 gr / 10,200 PSI
1 oz	Titewad	CCI 209SC	Fed. 12SO	15.2 gr / 9,900 PSI	16.0 gr / 11,100 PSI	—	—
1 oz	Titewad	CCI 209SC	Rem.TGT12	15.3 gr / 8,700 PSI	16.5 gr / 9,200 PSI	17.6 gr / 10,900 PSI	—
1 oz	Titewad	CCI 209SC	WAA12SL	15.7 gr / 8,000 PSI	16.7 gr / 8,200 PSI	17.7 gr / 10,400 PSI	—
1 oz	Titewad	Fed. 209A	Fed. 12SO	16.0 gr / 8,200 PSI	17.2 gr / 9,000 PSI	18.6 gr / 10,400 PSI	—
1 oz	Titewad	Fed. 209A	Rem.TGT12	15.7 gr / 7,600 PSI	17.3 gr / 8,800 PSI	18.1 gr / 10,000 PSI	19.4 gr / 11,200 PSI
1 oz	Titewad	Fed. 209A	WAA12SL	16.4 gr / 7,300 PSI	17.4 gr / 7,700 PSI	18.4 gr / 9,600 PSI	20.1 gr / 10,600PSI
1 oz	Titewad	Fed. 209A	Windjammer	—	17.1 gr / 8,400 PSI	18.1 gr / 9,300 PSI	19.3 gr / 10,600PSI
1 oz	Titewad	Fio. 616	Windjammer	—	16.6 gr / 8,300 PSI	18.2 gr / 9,600 PSI	19.5 gr / 10,700 PSI
1 oz	Titewad	Rem. 209P	Fed. 12SO	15.7 gr / 8,700 PSI	16.5 gr / 10,000 PSI	18.0 gr / 11,200 PSI	—
1 oz	Titewad	Rem. 209P	Purple PC	15.9 gr / 6,500 PSI	17.3 gr / 7,300 PSI	18.8 gr / 9,200 PSI	20.3 gr / 10,400PSI
1 oz	Titewad	Rem. 209P	Rem. TGT 12	15.9 gr / 6,900 PSI	16.8 gr / 7,800 PSI	18.4 gr / 8,900 PSI	20.2 gr / 10,600 PSI
1 oz	Titewad	Rem. 209P	Windjammer	—	17.3 gr / 7,900 PSI	18.3 gr / 9,400 PSI	19.5 gr / 9,900 PSI
1 oz	Titewad	Win. 209	Fed. 12SO	15.6 gr / 9,000 PSI	16.8 gr / 10,300 PSI	—	—
1 oz	Titewad	Win. 209	Purple PC	15.9 gr / 6,900 PSI	17.1 gr / 7,400 PSI	18.5 gr / 9,000 PSI	19.5 gr / 10,400PSI
1 oz	Titewad	Win. 209	Rem.TGT12	15.2 gr / 8,200 PSI	16.4 gr / 9,200 PSI	17.7 gr / 10,200 PSI	19.0 gr / 11,300PSI
1 oz	Titewad	Win. 209	WAA12SL	15.5 gr / 7,300 PSI	17.1 gr / 8,000 PSI	18.5 gr / 9,600 PSI	19.5 gr / 11,200PSI
1 oz	Titewad	Win. 209	Windjammer	—	16.6 gr / 8,400 PSI	17.6 gr / 9,800 PSI	19.2 gr / 10,700PSI
1 oz	Clays	CCI 209	Fed. 12SO	15.8 gr / 9,000 PSI	17.0 gr / 10,500 PSI	—	—
1 oz	Clays	CCI 209	Purple PC	16.0 gr / 7,400 PSI	17.2 gr / 8,200 PSI	18.5 gr / 9,900 PSI	20.0 gr / 10,800PSI
1 oz	Clays	CCI 209	Rem. TGT 12	16.6 gr / 6,700 LUP	17.7 gr / 7,700 LUP	18.7 gr / 8,500 LUP	19.8 gr / 9,500 LUP
1 oz	Clays	CCI 209	WAA12SL	15.7 gr / 7,900 PSI	17.0 gr / 8,700 PSI	18.4 gr / 10,900 PSI	—
1 oz	Clays	CCI 209	Windjammer	16.3 gr / 6,500 PSI	17.5 gr / 7,600 PSI	18.8 gr / 9,000 PSI	20.3 gr / 10,700PSI
1 oz	Clays	CCI 209SC	Fed. 12SO	16.2 gr / 8,900 PSI	17.0 gr / 9,800 PSI	—	—
1 oz	Clays	CCI 209SC	Purple PC	16.6 gr / 6,000 PSI	18.0 gr / 7,100 PSI	19.3 gr / 8,400 PSI	20.8 gr / 10,700PSI
1 oz	Clays	CCI 209SC	Rem. TGT 12	15.2 gr / 6,400 PSI	16.6 gr / 7,500 PSI	17.5 gr / 9,700 PSI	19.2 gr / 11,000 PSI
1 oz	Clays	CCI 209SC	WAA12SL	15.8 gr / 7,500 PSI	17.0 gr / 8,300 PSI	18.5 gr / 9,800 PSI	—
1 oz	Clays	CCI 209SC	Windjammer	15.7 gr / 6,800 PSI	16.7 gr / 7,400 PSI	18.0 gr / 9,200 PSI	19.5 gr / 11,200PSI
1 oz	Clays	Fed. 209A	Purple PC	15.5 gr / 7,400 PSI	17.3 gr / 9,200 PSI	18.5 gr / 10,400 PSI	19.8 gr / 11,100PSI
1 oz	Clays	Fed. 209A	Rem.TGT12	15.2 gr / 7,800 PSI	16.7 gr / 9,500 PSI	18.2 gr / 11,000 PSI	—
1 oz	Clays	Fed. 209A	WAA12SL	15.4 gr / 8,500 PSI	16.9 gr / 9,200 PSI	18.4 gr / 10,900 PSI	—
1 oz	Clays	Fed. 209A	Windjammer	15.1 gr / 7,900 PSI	16.8 gr / 9,200 PSI	18.2 gr / 11,200 PSI	—
1 oz	Clays	Rem. 209P	Fed. 12SO	16.0 gr / 8,200 PSI	17.4 gr / 9,400 PSI	18.7 gr / 11,400 PSI	—
1 oz	Clays	Rem. 209P	Purple PC	17.6 gr / 6,400 LUP	18.6 gr / 6,800 LUP	19.5 gr / 7,200 LUP	20.5 gr / 7,600 LUP
1 oz	Clays	Rem. 209P	Rem.TGT12	16.1 gr / 7,500 PSI	17.3 gr / 8,400 PSI	18.5 gr / 9,900 PSI	—

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>							
				<b>1125 fps</b>	<b>1180 fps</b>	<b>1235 fps</b>	<b>1290 fps</b>
1 oz	Clays	Rem. 209P	WAA12SL	16.2 gr / 6,500 PSI	17.4 gr / 8,000 PSI	18.6 gr / 9,200 PSI	20.4 gr / 10,600PSI
1 oz	Clays	Rem. 209P	Windjammer	—	17.2 gr / 7,700 PSI	18.5 gr / 8,900 PSI	20.0 gr / 10,600PSI
1 oz	Clays	Win. 209	Purple PC	15.7 gr / 7,000 PSI	17.2 gr / 8,500 PSI	18.5 gr / 9,900 PSI	20.0 gr / 10,400PSI
1 oz	Clays	Win. 209	Rem.TGT12	15.8 gr / 7,700 PSI	16.8 gr / 8,500 PSI	18.2 gr / 10,300 PSI	—
1 oz	Clays	Win. 209	WAA12SL	16.0 gr / 7,400 LUP	17.2 gr / 8,300 LUP	18.5 gr / 9,200 LUP	19.8 gr / 10,200 LUP
				<b>1180 fps</b>	<b>1235 fps</b>	<b>1290 fps</b>	<b>1345 fps</b>
1 oz	Internat'l	CCI 209	Fed. 12SO	17.7 gr / 8,800 PSI	19.4 gr / 10,500 PSI	—	—
1 oz	Internat'l	CCI 209	Purple PC	18.8 gr / 7,300 PSI	20.0 gr / 8,500 PSI	21.0 gr / 9,100 PSI	22.0 gr / 10,900PSI
1 oz	Internat'l	CCI 209	Rem.TGT12	18.0 gr / 7,400 PSI	19.2 gr / 8,700 PSI	20.2 gr / 10,000 PSI	—
1 oz	Internat'l	CCI 209	WAA12SL	19.2 gr / 6,700 LUP	20.6 gr / 7,500 LUP	22.3 gr / 8,800 LUP	—
1 oz	Internat'l	CCI 209SC	Fed. 12SO	17.7 gr / 9,000 PSI	19.4 gr / 10,500 PSI	20.4 gr / 11,200 PSI	—
1 oz	Internat'l	CCI 209SC	Purple PC	18.5 gr / 8,200 PSI	19.8 gr / 9,100 PSI	21.0 gr / 10,100 PSI	22.0 gr / 11,200 PSI
1 oz	Internat'l	CCI 209SC	Rem.TGT12	17.8 gr / 8,700 PSI	19.3 gr / 9,700 PSI	20.3 gr / 10,400 PSI	21.3 gr / 11,300 PSI
1 oz	Internat'l	CCI 209SC	WAA12SL	19.0 gr / 7,400 PSI	20.0 gr / 8,600 PSI	21.0 gr / 10,000 PSI	—
1 oz	Internat'l	Fed. 209A	Fed. 12SO	18.0 gr / 9,700 PSI	19.0 gr / 10,800 PSI	—	—
1 oz	Internat'l	Fed. 209A	Purple PC	19.2 gr / 7,000 PSI	20.6 gr / 7,900 PSI	21.7 gr / 9,600 PSI	—
1 oz	Internat'l	Fed. 209A	Rem.TGT12	17.8 gr / 9,000 PSI	18.8 gr / 9,700 PSI	20.0 gr / 10,500 PSI	—
1 oz	Internat'l	Fed. 209A	WAA12SL	18.0 gr / 8,700 PSI	19.0 gr / 10,400 PSI	20.0 gr / 11,300 PSI	—
1 oz	Internat'l	Rem. 209P	Fed. 12SO	18.8 gr / 9,100 PSI	20.0 gr / 9,900 PSI	—	—
1 oz	Internat'l	Rem. 209P	Purple PC	19.8 gr / 7,700 PSI	20.7 gr / 8,900 PSI	21.6 gr / 9,400 PSI	22.8 gr / 10,100PSI
1 oz	Internat'l	Rem. 209P	Rem. TGT 12	20.8 gr / 5,900 LUP	21.5 gr / 7,100 LUP	22.3 gr / 7,800 LUP	—
1 oz	Internat'l	Rem. 209P	WAA12SL	19.0 gr / 7,700 PSI	20.0 gr / 9,200 PSI	21.2 gr / 9,700 PSI	22.5 gr / 11,100PSI
1 oz	Internat'l	Win. 209	Fed. 12SO	18.4 gr / 8,700 PSI	19.6 gr / 10,500 PSI	20.7 gr / 11,100 PSI	—
1 oz	Internat'l	Win. 209	Purple PC	18.6 gr / 7,700 PSI	20.0 gr / 8,100 PSI	21.2 gr / 9,300 PSI	22.7 gr / 10,800PSI
1 oz	Internat'l	Win. 209	Rem.TGT12	18.4 gr / 7,700 PSI	19.6 gr / 8,600 PSI	20.7 gr / 9,600 PSI	22.2 gr / 11,000PSI
1 oz	Internat'l	Win. 209	WAA12SL	18.9 gr / 6,900 LUP	20.4 gr / 8,300 LUP	21.3 gr / 8,900 LUP	—
				<b>1090 fps</b>	<b>1145 fps</b>	<b>1200 fps</b>	<b>1255 fps</b>
1 1/8 oz	Titewad	Ched. 209	Rem. Fig. 8	15.7 gr / 9,500 PSI	16.6 gr / 10,700 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	WAA12	15.3 gr / 9,900 PSI	16.4 gr / 10,900 PSI	—	—
1 1/8 oz	Titewad	Ched. 209	Windjammer	15.9 gr / 8,700 PSI	16.8 gr / 10,100 PSI	—	—
1 1/8 oz	Titewad	CCI 209	Hor. Versalite	15.3 gr / 10,200 PSI	16.6 gr / 10,700 PSI	17.0 gr / 11,400 PSI	—
1 1/8 oz	Titewad	CCI 209	Rem. Fig. 8	15.3 gr / 10,300 PSI	16.5 gr / 11,200 PSI	—	—
1 1/8 oz	Titewad	CCI 209	WAA12	15.3 gr / 10,300 PSI	16.0 gr / 10,900 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Windjammer	15.3 gr / 8,600 PSI	16.6 gr / 9,400 PSI	17.8 gr / 10,900 PSI	—
1 1/8 oz	Titewad	Fed. 209A	Fed. 12S3	15.5 gr / 9,900 PSI	16.8 gr / 10,800 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Hor. Vers.	15.3 gr / 10,600 PSI	16.3 gr / 11,400 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Red PC	15.6 gr / 9,600 PSI	16.6 gr / 11,000 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Rem. Fig. 8	15.6 gr / 10,000 PSI	16.6 gr / 10,600 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	WAA12	15.4 gr / 9,700 PSI	16.4 gr / 10,800 PSI	—	—
1 1/8 oz	Titewad	Fed. 209A	Windjammer	15.4 gr / 9,400 PSI	16.0 gr / 10,600 PSI	—	—
1 1/8 oz	Titewad	Fio. 616	Fio. TL1	15.5 gr / 10,300 PSI	16.6 gr / 11,000 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Fed. 12S3	14.8 gr / 9,800 PSI	15.5 gr / 11,100 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Rem. Fig. 8	15.7 gr / 8,500 PSI	16.8 gr / 9,300 PSI	18.3 gr / 10,400 PSI	—
1 1/8 oz	Titewad	Rem. 209P	WAA12	15.5 gr / 10,100 PSI	16.4 gr / 11,200 PSI	—	—
1 1/8 oz	Titewad	Rem. 209P	Windjammer	15.5 gr / 9,100 PSI	16.2 gr / 10,000 PSI	17.0 gr / 11,100 PSI	—
1 1/8 oz	Titewad	Win. 209	CB3118-12-AR	15.2 gr / 9,300 PSI	16.3 gr / 10,700 PSI	17.7 gr / 11,400 PSI	—

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>							
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Titewad	Win. 209	Hawk	14.8 gr / 10,000 PSI	15.5 gr / 10,500 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Hor. Vers.	15.0 gr / 10,100 PSI	15.5 gr / 10,500 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Red PC	15.1 gr / 8,900 PSI	15.9 gr / 9,700 PSI	—	—
1 1/8 oz	Titewad	Win. 209	Rem. Fig. 8	15.2 gr / 9,000 PSI	16.2 gr / 9,700 PSI	17.5 gr / 11,100 PSI	—
1 1/8 oz	Titewad	Win. 209	WAA12	15.2 gr / 9,500 PSI	16.5 gr / 10,400 PSI	17.8 gr / 11,100 PSI	—
1 1/8 oz	Titewad	Win. 209	Windjammer	15.3 gr / 8,300 PSI	16.3 gr / 9,600 PSI	17.8 gr / 10,500 PSI	—
1 1/8 oz	Clays	Ched. 209	Rem. Fig. 8	16.4 gr / 8,800 PSI	17.5 gr / 10,200 PSI	—	—
1 1/8 oz	Clays	Ched. 209	WAA12	15.8 gr / 9,400 PSI	17.2 gr / 10,700 PSI	—	—
1 1/8 oz	Clays	Ched. 209	Windjammer	15.7 gr / 7,900 PSI	17.4 gr / 9,500 PSI	19.0 gr / 11,100 PSI	—
1 1/8 oz	Clays	CCI 209	Fed. 12S3	16.2 gr / 7,200 LUP	17.6 gr / 8,700 LUP	19.0 gr / 10,100 LUP	—
1 1/8 oz	Clays	CCI 209	Hor. Vers.	15.8 gr / 9,900 PSI	16.8 gr / 10,400 PSI	—	—
1 1/8 oz	Clays	CCI 209	Red PC	16.5 gr / 8,400 PSI	17.0 gr / 10,000 PSI	18.3 gr / 11,400 PSI	—
1 1/8 oz	Clays	CCI 209	Rem. Fig. 8	16.0 gr / 8,700 PSI	16.8 gr / 9,600 PSI	—	—
1 1/8 oz	Clays	CCI 209	WAA12	16.0 gr / 8,900 PSI	17.0 gr / 9,800 PSI	18.1 gr / 11,300 PSI	—
1 1/8 oz	Clays	CCI 209	Windjammer	16.0 gr / 8,200 PSI	16.8 gr / 8,600 PSI	18.5 gr / 11,100 PSI	—
1 1/8 oz	Clays	CCI 209SC	Hor. Vers.	16.0 gr / 9,700 PSI	17.0 gr / 10,900 PSI	—	—
1 1/8 oz	Clays	CCI 209SC	Red PC	16.0 gr / 9,800 PSI	17.1 gr / 10,100 PSI	18.2 gr / 11,500 PSI	—
1 1/8 oz	Clays	CCI 209SC	Rem. Fig. 8	15.7 gr / 8,800 PSI	16.5 gr / 10,400 PSI	—	—
1 1/8 oz	Clays	CCI 209SC	Trapper	15.5 gr / 10,300 PSI	16.0 gr / 11,400 PSI	—	—
1 1/8 oz	Clays	CCI 209SC	WAA12	15.5 gr / 9,300 PSI	16.0 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	CCI 209SC	Windjammer	16.1 gr / 8,600 PSI	16.7 gr / 9,100 PSI	17.8 gr / 11,500 PSI	—
1 1/8 oz	Clays	Fed. 209A	Red PC	15.8 gr / 9,400 PSI	16.7 gr / 10,300 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	Rem. Fig. 8	15.8 gr / 10,700 PSI	16.6 gr / 11,100 PSI	—	—
1 1/8 oz	Clays	Fed. 209A	Windjammer	16.0 gr / 9,100 PSI	16.7 gr / 10,300 PSI	18.0 gr / 11,400 PSI	—
1 1/8 oz	Clays	Fed. 209A	WAA12	15.0 gr / 9,700 PSI	16.0 gr / 10,800 PSI	—	—
1 1/8 oz	Clays	Fio. 616	Rem. Fig. 8	15.5 gr / 9,200 PSI	16.5 gr / 10,700 PSI	—	—
1 1/8 oz	Clays	Fio. 616	WAA12	15.5 gr / 9,400 PSI	16.0 gr / 10,900 PSI	—	—
1 1/8 oz	Clays	Fio. 616	Windjammer	15.3 gr / 8,400 PSI	16.3 gr / 9,500 PSI	17.7 gr / 11,200 PSI	—
1 1/8 oz	Clays	Rem. 209P	Hor. Versalite	16.0 gr / 8,800 PSI	16.5 gr / 9,200 PSI	18.0 gr / 11,100 PSI	—
1 1/8 oz	Clays	Rem. 209P	Red PC	17.1 gr / 7,200 LUP	18.4 gr / 7,800 LUP	19.6 gr / 8,400 LUP	—
1 1/8 oz	Clays	Rem. 209P	Rem. Fig. 8	16.3 gr / 9,000 PSI	17.3 gr / 10,100 PSI	18.5 gr / 11,500 PSI	—
1 1/8 oz	Clays	Rem. 209P	WAA12	15.9 gr / 8,900 PSI	17.0 gr / 9,400 PSI	—	—
1 1/8 oz	Clays	Rem. 209P	Windjammer	16.5 gr / 8,100 PSI	17.5 gr / 9,400 PSI	18.5 gr / 10,400 PSI	—
1 1/8 oz	Clays	Win. 209	Fio. TL1	16.0 gr / 9,700 PSI	17.0 gr / 10,900 PSI	—	—
1 1/8 oz	Clays	Win. 209	Hor. Versalite	16.4 gr / 8,300 LUP	17.6 gr / 9,400 LUP	18.8 gr / 10,600 LUP	—
1 1/8 oz	Clays	Win. 209	Lage Uniwad	16.0 gr / 9,700 PSI	16.9 gr / 10,600 PSI	—	—
1 1/8 oz	Clays	Win. 209	Red PC	16.3 gr / 7,900 PSI	17.0 gr / 9,100 PSI	18.3 gr / 10,900 PSI	—
1 1/8 oz	Clays	Win. 209	Rem. Fig. 8	16.0 gr / 7,700 LUP	17.0 gr / 8,500 LUP	18.1 gr / 9,400 LUP	—
1 1/8 oz	Clays	Win. 209	WAA12	16.1 gr / 7,700 LUP	17.3 gr / 8,800 LUP	18.2 gr / 9,800 LUP	—
1 1/8 oz	Internat'l	Ched. 209	Rem. Fig. 8	17.4 gr / 7,900 PSI	18.5 gr / 9,200 PSI	19.7 gr / 10,500 PSI	—
1 1/8 oz	Internat'l	Ched. 209	WAA12	16.9 gr / 8,100 PSI	18.1 gr / 9,600 PSI	19.3 gr / 11,100 PSI	—
1 1/8 oz	Internat'l	Ched. 209	Windjammer	17.9 gr / 8,000 PSI	18.9 gr / 9,200 PSI	19.8 gr / 10,300 PSI	20.8 gr / 11,500 PSI
1 1/8 oz	Internat'l	CCI 209	Fed. 12S3	—	19.2 gr / 7,900 LUP	20.0 gr / 8,300 LUP	21.6 gr / 10,200 LUP
1 1/8 oz	Internat'l	CCI 209	Hor. Vers.	16.7 gr / 8,600 PSI	17.2 gr / 9,600 PSI	18.2 gr / 11,300 PSI	—
1 1/8 oz	Internat'l	CCI 209	Red PC	17.3 gr / 8,900 PSI	17.7 gr / 9,400 PSI	19.0 gr / 10,700 PSI	20.5 gr / 11,300 PSI
1 1/8 oz	Internat'l	CCI 209	Rem. Fig. 8	17.0 gr / 9,300 PSI	17.8 gr / 10,100 PSI	18.5 gr / 11,200 PSI	—

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>							
				1090 fps	1145 fps	1200 fps	1255 fps
1 1/8 oz	Internat'l	CCI 209	WAA12	17.0 gr / 9,700 PSI	17.4 gr / 10,500 PSI	18.2 gr / 11,400 PSI	—
1 1/8 oz	Internat'l	CCI 209	Windjammer	17.0 gr / 8,300 PSI	17.7 gr / 8,800 PSI	19.5 gr / 9,800 PSI	20.5 gr / 11,500 PSI
1 1/8 oz	Internat'l	CCI 209SC	Fed. 12S3	—	18.5 gr / 8,400 PSI	19.5 gr / 10,300 PSI	20.3 gr / 11,200 PSI
1 1/8 oz	Internat'l	CCI 209SC	Hor. Vers.	16.8 gr / 9,700 PSI	17.8 gr / 10,800 PSI	18.5 gr / 11,200 PSI	—
1 1/8 oz	Internat'l	CCI 209SC	Red PC	16.7 gr / 8,900 PSI	17.8 gr / 9,800 PSI	18.5 gr / 10,300 PSI	20.5 gr / 11,500 PSI
1 1/8 oz	Internat'l	CCI 209SC	Rem. Fig. 8	16.7 gr / 8,600 PSI	17.5 gr / 9,800 PSI	18.5 gr / 10,500 PSI	—
1 1/8 oz	Internat'l	CCI 209SC	Trapper	16.5 gr / 9,400 PSI	17.5 gr / 9,900 PSI	—	—
1 1/8 oz	Internat'l	CCI 209SC	WAA12	16.2 gr / 9,100 PSI	17.2 gr / 9,800 PSI	18.5 gr / 10,900 PSI	—
1 1/8 oz	Internat'l	CCI 209SC	Windjammer	16.7 gr / 8,500 PSI	17.7 gr / 9,900 PSI	19.0 gr / 10,600 PSI	20.7 gr / 11,200 PSI
1 1/8 oz	Internat'l	Fed. 209A	Hor. Vers.	16.0 gr / 10,200 PSI	16.9 gr / 11,100 PSI	—	—
1 1/8 oz	Internat'l	Fed. 209A	Red PC	16.0 gr / 9,200 PSI	17.2 gr / 10,400 PSI	18.5 gr / 11,500 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Rem. Fig. 8	16.5 gr / 9,700 PSI	17.0 gr / 10,100 PSI	18.0 gr / 10,900 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	WAA12	16.0 gr / 9,500 PSI	16.8 gr / 10,300 PSI	17.5 gr / 10,900 PSI	—
1 1/8 oz	Internat'l	Fed. 209A	Windjammer	17.4 gr / 6,900 PSI	18.0 gr / 7,700 PSI	19.5 gr / 9,500 PSI	21.3 gr / 11,200 PSI
1 1/8 oz	Internat'l	Fio. 616	Fio. TL-1	18.2 gr / 7,300 LUP	18.8 gr / 7,700 LUP	20.0 gr / 9,100 LUP	21.5 gr / 10,600 LUP
1 1/8 oz	Internat'l	Fio. 616	Rem. Fig. 8	16.3 gr / 8,600 PSI	17.6 gr / 9,500 PSI	18.3 gr / 10,200 PSI	—
1 1/8 oz	Internat'l	Fio. 616	WAA12	16.3 gr / 9,600 PSI	17.0 gr / 11,000 PSI	—	—
1 1/8 oz	Internat'l	Rem. 209P	Hawk	16.8 gr / 8,800 PSI	18.0 gr / 9,800 PSI	19.0 gr / 10,800 PSI	—
1 1/8 oz	Internat'l	Rem. 209P	Hor. Vers.	16.8 gr / 9,000 PSI	17.8 gr / 10,000 PSI	19.0 gr / 11,300 PSI	—
1 1/8 oz	Internat'l	Rem. 209P	Red PC	17.3 gr / 8,300 PSI	18.0 gr / 8,700 PSI	19.4 gr / 10,200 PSI	20.7 gr / 10,900 PSI
1 1/8 oz	Internat'l	Rem. 209P	Rem. Fig. 8	—	20.1 gr / 6,300 LUP	21.1 gr / 7,700 LUP	22.1 gr / 8,000 LUP
1 1/8 oz	Internat'l	Rem. 209P	WAA12	16.5 gr / 8,900 PSI	17.8 gr / 9,500 PSI	18.7 gr / 11,100 PSI	—
1 1/8 oz	Internat'l	Rem. 209P	Windjammer	17.2 gr / 8,100 PSI	18.3 gr / 8,300 PSI	19.2 gr / 9,000 PSI	20.8 gr / 10,800 PSI
1 1/8 oz	Internat'l	Win. 209	Hawk	17.0 gr / 9,000 PSI	18.0 gr / 9,900 PSI	19.0 gr / 10,200 PSI	20.0 gr / 11,400 PSI
1 1/8 oz	Internat'l	Win. 209	Hor. Versalite	17.4 gr / 7,900 LUP	18.1 gr / 8,600 LUP	19.2 gr / 9,800 LUP	—
1 1/8 oz	Internat'l	Win. 209	Red PC	18.3 gr / 6,800 LUP	18.9 gr / 7,200 LUP	20.2 gr / 8,300 LUP	21.3 gr / 9,700 LUP
1 1/8 oz	Internat'l	Win. 209	Rem. Fig. 8	17.3 gr / 8,100 PSI	18.3 gr / 9,500 PSI	—	—
1 1/8 oz	Internat'l	Win. 209	Trapper	17.0 gr / 8,100 PSI	18.0 gr / 9,300 PSI	19.0 gr / 10,400 PSI	—
1 1/8 oz	Internat'l	Win. 209	WAA12	17.6 gr / 7,400 LUP	18.1 gr / 8,300 LUP	19.2 gr / 9,600 LUP	21.3 gr / 10,800 LUP
1 1/8 oz	Internat'l	Win. 209	Windjammer	17.3 gr / 7,900 PSI	18.0 gr / 8,600 PSI	19.5 gr / 9,800 PSI	20.8 gr / 10,300 PSI
				1200 fps	1255 fps	1310 fps	
1 1/8 oz	Universal	CCI 209	Windjammer	23.3 gr / 8,000 PSI	24.3 gr / 9,300 PSI	—	—
1 1/8 oz	Universal	CCI 209M	Hor. Versalite	22.0 gr / 9,900 PSI	23.0 gr / 10,700 PSI	—	—
1 1/8 oz	Universal	CCI 209SC	Hor. Versalite	22.3 gr / 8,800 PSI	23.5 gr / 9,400 PSI	—	—
1 1/8 oz	Universal	CCI 209SC	Windjammer	22.4 gr / 8,200 PSI	24.0 gr / 9,000 PSI	24.4 gr / 9,800 PSI	—
1 1/8 oz	Universal	Fed. 209	Fed. 12S3	22.7 gr / 8,900 PSI	23.8 gr / 10,000 PSI	—	—
1 1/8 oz	Universal	Fed. 209A	WAA12	21.5 gr / 9,600 PSI	22.8 gr / 10,700 PSI	23.6 gr / 11,300 PSI	—
1 1/8 oz	Universal	Fio. 616	Fio. TL1	22.5 gr / 9,900 PSI	23.3 gr / 10,900 PSI	—	—
1 1/8 oz	Universal	Win. 209	Rem. Fig. 8	22.5 gr / 9,000 PSI	23.5 gr / 10,000 PSI	24.5 gr / 10,700 PSI	—
1 1/8 oz	Universal	Win. 209	WAA12	22.0 gr / 10,000 PSI	22.7 gr / 10,600 PSI	—	—
				1420 fps	1475 fps	1530 fps	1585 fps
1 1/8 oz	Longshot	CCI 209M	Fed. 12S3	30.9 gr / 10,200 PSI	32.4 gr / 11,300 PSI	—	—
1 1/8 oz	Longshot	CCI 209M	Hor. Vers.	31.0 gr / 9,600 PSI	32.7 gr / 10,500 PSI	34.3 gr / 11,300 PSI	—
1 1/8 oz	Longshot	CCI 209M	Rem. R12H	31.5 gr / 9,200 PSI	32.9 gr / 10,200 PSI	34.2 gr / 11,200 PSI	—
1 1/8 oz	Longshot	CCI 209M	WAA12	30.9 gr / 10,000 PSI	32.5 gr / 10,900 PSI	—	—
1 1/8 oz	Longshot	CCI 209M	Windjammer	32.2 gr / 8,700 PSI	33.7 gr / 9,600 PSI	35.1 gr / 10,500 PSI	—

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>							
				<b>1420 fps</b>	<b>1475 fps</b>	<b>1530 fps</b>	<b>1585 fps</b>
1 1/8 oz	Longshot	Fed. 209A	Fed. 12S3	31.1 gr / 10,300 PSI	32.2 gr / 11,300 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	Hor. Vers.	30.7 gr / 10,100 PSI	32.4 gr / 11,000 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	Rem. R12H	31.0 gr / 9,800 PSI	32.6 gr / 10,500 PSI	—	—
1 1/8 oz	Longshot	Fed. 209A	WAA12	31.0 gr / 9,800 PSI	32.3 gr / 10,800 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Fed. 12S3	30.3 gr / 10,500 PSI	31.7 gr / 11,400 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Hor. Vers.	31.1 gr / 9,500 PSI	32.4 gr / 10,400 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Rem. R12H	31.3 gr / 9,200 PSI	32.5 gr / 10,200 PSI	33.7 gr / 11,300 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA12	30.8 gr / 9,500 PSI	32.1 gr / 10,500 PSI	—	—
1 1/8 oz	Longshot	Rem. 209P	Windjammer	31.9 gr / 8,800 PSI	33.7 gr / 9,600 PSI	35.4 gr / 10,200 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 12S3	32.6 gr / 8,800 PSI	34.1 gr / 9,500 PSI	35.7 gr / 10,300 PSI	—
1 1/8 oz	Longshot	Win. 209	Hor. Vers.	32.2 gr / 8,600 PSI	33.6 gr / 9,500 PSI	34.9 gr / 10,300 PSI	—
1 1/8 oz	Longshot	Win. 209	Rem. R12L	33.4 gr / 8,100 PSI	34.6 gr / 9,100 PSI	35.9 gr / 10,200 PSI	37.1 gr / 11,100 PSI
1 1/8 oz	Longshot	Win. 209	WAA12	32.1 gr / 9,200 PSI	33.2 gr / 10,100 PSI	34.4 gr / 11,100 PSI	—
				<b>1220 fps</b>	<b>1250 fps</b>		
1 1/4 oz	Universal	CCI 209	Rem. SP12	22.5 gr / 10,700 PSI	23.9 gr / 11,100 PSI		
1 1/4 oz	Universal	CCI 209	WAA12 F114	23.5 gr / 10,000 PSI	—		
1 1/4 oz	Universal	CCI 209M	Rem. SP12	23.3 gr / 11,100 PSI	—		
1 1/4 oz	Universal	CCI 209M	WAA12F114	22.5 gr / 11,400 PSI	—		
1 1/4 oz	Universal	CCI 209SC	Rem. SP12	23.3 gr / 10,600 PSI	24.0 gr / 11,400 PSI		
1 1/4 oz	Universal	CCI 209SC	WAA12 F114	22.0 gr / 10,700 PSI	—		
1 1/4 oz	Universal	Fed. 209A	Rem. SP12	22.4 gr / 11,500 PSI	—		
1 1/4 oz	Universal	Fed. 209A	WAA12F114	22.6 gr / 11,500 PSI	—		
1 1/4 oz	Universal	Fio. 616	Rem. SP12	24.5 gr / 9,600 PSI	—		
1 1/4 oz	Universal	Rem. 209P	Rem. SP12	23.3 gr / 10,600 PSI	24.2 gr / 11,200 PSI		
1 1/4 oz	Universal	Rem. 209P	WAA12F114	23.0 gr / 11,500 PSI	—		
1 1/4 oz	Universal	Win. 209	Rem. SP12	22.8 gr / 10,700 PSI	23.3 gr / 11,400 PSI		
1 1/4 oz	Universal	Win. 209	WAA12 F114	23.0 gr / 10,900 PSI	—		
				<b>1220 fps</b>	<b>1330 fps</b>		
1 1/4 oz	HS-6	Win. 209	WAA12F114	30.0 gr / 8,800 LUP	33.0 gr / 10,500 LUP		
1 1/4 oz	HS-6	Win. 209	Rem. R12H	31.5 gr / 9,000 LUP	35.0 gr / 10,600 LUP		
1 1/4 oz	HS-6	Win. 209	Fed. 12C1	32.0 gr / 8,700 LUP	35.0 gr / 10,400 LUP		
				<b>1330 fps</b>	<b>1385 fps</b>	<b>1440 fps</b>	
1 1/4 oz	Longshot	CCI 209M	Rem. SP12	29.3 gr / 8,900 PSI	30.7 gr / 9,900 PSI	32.1 gr / 10,800 PSI	
1 1/4 oz	Longshot	CCI 209M	WAA12F114	29.3 gr / 10,200 PSI	30.1 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	CCI 209M	Fed. 12S4	28.5 gr / 10,900 PSI	—	—	
1 1/4 oz	Longshot	Fed. 209A	Rem. SP12	28.6 gr / 9,400 PSI	30.0 gr / 10,600 PSI	—	
1 1/4 oz	Longshot	Fed. 209A	WAA12F114	27.7 gr / 10,800 PSI	—	—	
1 1/4 oz	Longshot	Rem. 209P	Fed. 12S4	28.5 gr / 11,000 PSI	—	—	
1 1/4 oz	Longshot	Rem. 209P	Rem. SP12	29.1 gr / 9,400 PSI	30.9 gr / 9,800 PSI	32.2 gr / 11,200 PSI	
1 1/4 oz	Longshot	Rem. 209P	WAA12F114	27.9 gr / 10,500 PSI	29.5 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	Win. 209	Fed. 12S4	29.8 gr / 9,400 PSI	31.1 gr / 10,500 PSI	—	
1 1/4 oz	Longshot	Win. 209	Rem. SP12	30.0 gr / 8,300 PSI	31.5 gr / 9,300 PSI	33.0 gr / 10,400 PSI	
1 1/4 oz	Longshot	Win. 209	WAA12F114	28.7 gr / 9,800 PSI	30.4 gr / 10,800 PSI	—	
				<b>1285 fps</b>			
1 3/8 oz	HS-7	Fed. 209	WAA12R	35.5 gr / 10,400 LUP			

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>							
				<b>1285 fps</b>			
1 3/8 oz	HS-7	Fed. 209	Rem. RP12	35.5 gr / 10,200 LUP			
1 3/8 oz	HS-7	Win. 209	WAA12R	35.5 gr / 10,300 LUP			
				<b>1260 fps</b>			
1 1/2 oz	HS-7	Win. 209	WAA12R	36.5 gr / 10,400 LUP			
1 1/2 oz	HS-7	Win. 209	Rem. RP12	36.5 gr / 9,900 LUP			
				<b>1205 fps</b>	<b>1260 fps</b>		
1 1/2 oz	Longshot	CCI 209M	Rem. SP12	25.9 gr / 11,400 PSI	—		
1 1/2 oz	Longshot	CCI 209M	WAA12R	25.0 gr / 11,300 PSI	—		
1 1/2 oz	Longshot	Fed. 209A	Rem. RP12	25.5 gr / 11,100 PSI	—		
1 1/2 oz	Longshot	Fed. 209A	WAA12R	25.0 gr / 11,000 PSI	—		
1 1/2 oz	Longshot	Rem. 209P	Rem. RP12	25.5 gr / 11,100 PSI	—		
1 1/2 oz	Longshot	Rem. 209P	WAA12R	26.0 gr / 10,800 PSI	—		
1 1/2 oz	Longshot	Win. 209	Rem. RP12	27.0 gr / 9,900 PSI	28.0 gr / 11,400 PSI		
1 1/2 oz	Longshot	Win. 209	WAA12R	26.4 gr / 10,100 PSI	28.0 gr / 11,500 PSI		
<b>12 GA., 2 3/4", WINCHESTER POLYFORMED PLASTIC GAME SHELLS (PLASTIC BASEWAD)</b>							
				<b>1200 fps</b>	<b>1255 fps</b>	<b>1310 fps</b>	
1 1/8 oz	Universal	CCI 209M	Windjammer	24.5 gr / 8,000 PSI	25.8 gr / 8,600 PSI	26.2 gr / 9,600 PSI	
1 1/8 oz	Universal	CCI 209SC	Windjammer	25.0 gr / 6,800 PSI	26.5 gr / 7,200 PSI	27.5 gr / 7,900 PSI	
1 1/8 oz	Universal	Fed. 209A	Rem. Fig. 8	24.0 gr / 8,000 PSI	24.8 gr / 8,900 PSI	26.0 gr / 9,400 PSI	
1 1/8 oz	Universal	Win. 209	WAA12	24.0 gr / 7,900 PSI	25.3 gr / 9,000 PSI	26.0 gr / 10,100 PSI	
<b>12 GA., 3", FEDERAL PLASTIC SHELL, 7/16" BASE WAD</b>							
				<b>1225 fps</b>	<b>1280 fps</b>	<b>1335 fps</b>	
1 5/8 oz	Longshot	CCI209M	Fed. 12S4	28.3 gr / 10,600 PSI	—	—	
1 5/8 oz	Longshot	CCI209M	WAA12	28.8 gr / 10,200 PSI	30.8 gr / 11,200 PSI	—	
1 5/8 oz	Longshot	Fed. 209A	Fed. 12S4	28.3 gr / 10,800 PSI	—	—	
1 5/8 oz	Longshot	Fed. 209A	WAA12	29.1 gr / 10,000 PSI	—	—	
1 5/8 oz	Longshot	Win. 209	Fed. 12S4	30.0 gr / 10,300 PSI	—	—	
1 5/8 oz	Longshot	Win. 209	WAA12	30.9 gr / 9,500 PSI	32.0 gr / 10,600 PSI	—	
				<b>1155 fps</b>	<b>1210 fps</b>		
1 7/8 oz	Longshot	CCI209M	Rem. SP12	27.7 gr / 10,600 PSI	—		
1 7/8 oz	Longshot	Fed. 209A	Rem. SP12	27.1 gr / 11,200 PSI	—		
1 7/8 oz	Longshot	Win. 209	Rem. SP12	27.9 gr / 9,900 PSI	29.5 gr / 11,400 PSI		
1 7/8 oz	Longshot	Win. 209	Win. WAA12R + .070" card	28.0 gr / 10,500 PSI	—		
<b>12 GA., 3", FIOCCHI PLASTIC SHELL</b>							
				<b>1155 fps</b>			
1 7/8 oz	Longshot	Ched. 209	Rem. SP12	27.2 gr / 10,800 PSI			
1 7/8 oz	Longshot	Ched. 209	WAA12R	27.0 gr / 10,800 PSI			
1 7/8 oz	Longshot	Fio. 616	Rem. SP12	27.5 gr / 10,800 PSI			
1 7/8 oz	Longshot	Fio. 616	WAA12R	26.9 gr / 10,900 PSI			
<b>12 GA., 3", REMINGTON-PETERS PLASTIC GAME SHELLS</b>							
				<b>1295 fps</b>			
1 3/8 oz	HS-6	Rem. 209P	WAA12	36.0 gr / 9,900 LUP			
1 3/8 oz	HS-6	Rem. 209P	Rem. R12L	37.0 gr / 9,400 LUP			

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
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## 12 GA., 3", REMINGTON-PETERS PLASTIC GAME SHELLS CONT.

				1225 fps	1280 fps	1335 fps
1 5/8 oz	Longshot	CCI209M	Rem. SP12	28.9 gr / 9,700 PSI	31.0 gr / 10,600 PSI	—
1 5/8 oz	Longshot	CCI209M	WAA12F114	28.0 gr / 10,400 PSI	—	—
1 5/8 oz	Longshot	Rem. 209P	Rem. SP12	29.7 gr / 9,000 PSI	31.3 gr / 10,200 PSI	—
1 5/8 oz	Longshot	Rem. 209P	WAA12F114	29.0 gr / 10,300 PSI	—	—
1 5/8 oz	Longshot	Win. 209	Rem. SP12	29.9 gr / 9,300 PSI	32.2 gr / 10,300 PSI	34.4 gr / 11,200 PSI
1 5/8 oz	Longshot	Win. 209	WAA12F114	29.8 gr / 9,600 PSI	31.2 gr / 11,300 PSI	—
				1155 fps	1210 fps	
1 7/8 oz	Longshot	CCI209M	Rem. SP12	27.6 gr / 10,900 PSI	—	—
1 7/8 oz	Longshot	Rem. 209P	Rem. SP12	28.4 gr / 11,000 PSI	—	—
1 7/8 oz	Longshot	Win. 209	Rem. SP12	29.1 gr / 8,600 PSI	30.8 gr / 11,000 PSI	—
				1140 fps		
1 7/8 oz	HS-7	Rem. 209P	WAA12R	36.0 gr / 10,800 LUP	—	—
1 7/8 oz	HS-7	Rem. 209P	Rem. RP12	36.0 gr / 10,700 LUP	—	—

## 12 GA., 3", WINCHESTER POLYFORMED PLASTIC GAME SHELLS (PLASTIC BASEWAD)

				1225 fps	1280 fps	1335 fps
1 5/8 oz	Longshot	CCI209M	Rem. R12L	31.6 gr / 9,800 PSI	32.9 gr / 10,200 PSI	34.5 gr / 11,400 PSI
1 5/8 oz	Longshot	CCI209M	WAA12F114	—	31.6 gr / 10,700 PSI	—
1 5/8 oz	Longshot	Rem. 209P	Rem. R12L	32.2 gr / 8,500 PSI	33.9 gr / 9,200 PSI	35.7 gr / 10,000 PSI
1 5/8 oz	Longshot	Rem. 209P	WAA12F114	—	31.4 gr / 10,400 PSI	—
1 5/8 oz	Longshot	Win. 209	Rem. R12L	33.6 gr / 7,200 PSI	34.8 gr / 8,700 PSI	36.1 gr / 10,300 PSI
1 5/8 oz	Longshot	Win. 209	WAA12F114	—	32.7 gr / 10,400 PSI	34.0 gr / 11,500 PSI
				1155 fps	1210 fps	
1 7/8 oz	Longshot	CCI209M	Rem. SP12	28.5 gr / 9,900 PSI	31.0 gr / 11,500 PSI	—
1 7/8 oz	Longshot	CCI209M	WAA12R + .070" card	28.5 gr / 10,400 PSI	—	—
1 7/8 oz	Longshot	Rem. 209P	Rem. SP12	29.9 gr / 8,300 PSI	31.0 gr / 11,100 PSI	—
1 7/8 oz	Longshot	Rem. 209P	WAA12R + .070" card	29.3 gr / 9,500 PSI	30.9 gr / 11,500 PSI	—
1 7/8 oz	Longshot	Win. 209	Rem. SP12	30.2 gr / 9,500 PSI	32.0 gr / 10,700 PSI	—
1 7/8 oz	Longshot	Win. 209	WAA12R + .070" card	29.5 gr / 8,800 PSI	31.3 gr / 11,000 PSI	—

## 12 GA., 3", WINCHESTER COMPRESSION-FORMED SUPER-X TYPE SHELLS

				1295 fps		
1 3/8 oz	HS-6	Fed. 209	Rem. R12L	35.0 gr / 9,400 LUP	—	—
1 3/8 oz	HS-6	Win. 209	WAA12	35.5 gr / 9,400 LUP	—	—
				1205 fps		
1 5/8 oz	HS-7	Win. 209	WAA12	36.0 gr / 10,400 LUP	—	—
1 5/8 oz	HS-7	Win. 209	Rem. R12H	36.0 gr / 10,200 LUP	—	—
				1100 fps		
1 7/8 oz	HS-7	Fed. 209	Rem. RP12	34.0 gr / 10,400 LUP	—	—
1 7/8 oz	HS-7	Win. 209	WAA12R	33.5 gr / 10,600 LUP	—	—

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
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## 12 GA., 3 1/2", FEDERAL STEEL SHOTSHELLS (LEAD SHOT LOADS)

				1250 fps	1300 fps
1 7/8 oz	Longshot	Fed. 209A	Fed. 12S0 + 1-20 ga. .135" Card	36.3 gr/12,200 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12L + 1-20 ga. .135" Card	37.0 gr/12,300 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12SL + 1-20 ga. .135" Card	37.0 gr/12,500 PSI	—
1 7/8 oz	Longshot	Rem. 209P	Fed. 12S0 + 1-20 ga. .135" Card	37.8 gr/11,400 PSI	39.4 gr/13,300 PSI
1 7/8 oz	Longshot	Rem. 209P	WAA12L + 1-20 ga. .135" Card	37.3 gr/12,100 PSI	39.2 gr/13,400 PSI
1 7/8 oz	Longshot	Rem. 209P	WAA12SL + 1-20 ga. .135" Card	36.8 gr/12,400 PSI	39.0 gr/13,000 PSI
				1200 fps	
2 oz	Longshot	Fed. 209A	Fed. 12S3 + 1-20 ga. .135" Card	35.0 gr/12,900 PSI	—
2 oz	Longshot	Fed. 209A	WAA12SL	34.8 gr/13,300 PSI	—
2 oz	Longshot	Rem. 209P	Fed. 12S3 + 1-20 ga. .135" Card	35.5 gr/12,400 PSI	—
2 oz	Longshot	Rem. 209P	WAA12SL	35.3 gr/12,300 PSI	—
				1150 fps	
2 1/4 oz	Longshot	Fed. 209A	Fed. 12S3	32.0 gr/13,700 PSI	—
2 1/4 oz	Longshot	Fed. 209A	Rem. RXP	31.0 gr/13,200 PSI	—
2 1/4 oz	Longshot	Fed. 209A	WAA12	31.0 gr/13,700 PSI	—
2 1/4 oz	Longshot	Rem. 209P	Fed. 12S3	33.0 gr/12,900 PSI	—
2 1/4 oz	Longshot	Rem. 209P	Rem. RXP	33.0 gr/12,600 PSI	—
2 1/4 oz	Longshot	Rem. 209P	WAA12	33.0 gr/13,400 PSI	—

## 12 GA., 3 1/2", REMINGTON STEEL SHOTSHELLS (LEAD SHOT LOADS)

				1250 fps	
1 7/8 oz	Longshot	Fed. 209A	Fed. 12S0 + 1-20 ga. .135" Card	36.0 gr / 13,600 PSI	—
1 7/8 oz	Longshot	Fed. 209A	Rem. TGT12 + 1-20 ga. .135" Card	36.0 gr / 13,200 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12SL + 1-20 ga. .135" Card	36.1 gr / 13,000 PSI	—
1 7/8 oz	Longshot	Rem. 209P	Fed. 12S0 + 1-20 ga. .135" Card	36.4 gr / 13,000 PSI	—
1 7/8 oz	Longshot	Rem. 209P	Rem. TGT12 + 1-20 ga. .135" Card	36.0 gr / 13,100 PSI	—
1 7/8 oz	Longshot	Rem. 209P	WAA12SL + 1-20 ga. .135" Card	36.5 gr / 13,200 PSI	—

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE	
<b>12 GA., 3 1/2", REMINGTON STEEL SHOTSHELLS (LEAD SHOT LOADS) CONT.</b>					
<b>1200 fps</b>					
2 oz	Longshot	Fed. 209A	Rem. TGT12	33.8 gr / 13,000 PSI	
2 oz	Longshot	Rem. 209P	Fed. 12S3 + 1-20 ga. .135" Card	34.0 gr / 13,300 PSI	
2 oz	Longshot	Rem. 209P	Rem. TGT12	34.0 gr / 13,300 PSI	
<b>12 GA., 3 1/2", REMINGTON STEEL SHOTSHELLS (LEAD SHOT LOADS)</b>					
			<b>1150 fps</b>	<b>1175 fps</b>	
2 1/4 oz	Longshot	Fed. 209A	Fed. 12S3	29.4 gr / 13,100 PSI	29.9 gr / 13,600 PSI
2 1/4 oz	Longshot	Fed. 209A	Rem. RXP	29.3 gr / 13,300 PSI	30.0 gr / 13,900 PSI
2 1/4 oz	Longshot	Fed. 209A	WAA12	29.5 gr / 13,600 PSI	—
2 1/4 oz	Longshot	Rem. 209P	Rem. RXP	31.0 gr / 13,700 PSI	—
2 1/4 oz	Longshot	Rem. 209P	WAA12	30.0 gr / 13,000 PSI	30.9 gr / 13,500 PSI
<b>12 GA., 3 1/2", WINCHESTER STEEL SHOTSHELLS (LEAD SHOT LOADS)</b>					
			<b>1250 fps</b>	<b>1300 fps</b>	
1 7/8 oz	Longshot	Fed. 209A	Fed. 12S3 + 1-20 ga. .135" Card	35.5 gr / 13,400 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12 + 1-20 ga. .135" Card	35.9 gr / 13,000 PSI	—
1 7/8 oz	Longshot	Fed. 209A	WAA12SL + 1-20 ga. .135" Card	37.0 gr / 12,800 PSI	—
1 7/8 oz	Longshot	Win. 209	Fed. 12S3 + 1-20 ga. .135" Card	37.9 gr / 11,200 PSI	39.5 gr / 12,400 PSI
1 7/8 oz	Longshot	Win. 209	WAA12 + 1-20 ga. .135" Card	37.2 gr / 11,900 PSI	39.8 gr / 13,100 PSI
1 7/8 oz	Longshot	Win. 209	WAA12SL + 1-20 ga. .135" Card	38.6 gr / 11,100 PSI	—
<b>1200 fps</b>					
2 oz	Longshot	Fed. 209A	Fed. 12S3 + 1-20 ga. .135" Card	34.2 gr / 13,400 PSI	
2 oz	Longshot	Fed. 209A	WAA12 + 1-20 ga. .135" Card	35.0 gr / 13,200 PSI	
2 oz	Longshot	Win. 209	Fed. 12S3 + 1-20 ga. .135" Card	38.0 gr / 11,300 PSI	
2 oz	Longshot	Win. 209	WAA12 + 1-20 ga. .135" Card	36.0 gr / 12,800 PSI	
<b>1150 fps</b>					
2 1/4 oz	Longshot	Rem. 209P	Fed. 12S4 + 1-20 ga. .135" Card	31.0 gr / 13,500 PSI	
2 1/4 oz	Longshot	Rem. 209P	Rem. R12H + 1-20 ga. .135" Card	31.5 gr / 12,400 PSI	
2 1/4 oz	Longshot	Rem. 209P	WAA12F114 + 1-20 ga. .135" Card	32.0 gr / 14,000 PSI	

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>12 GA., 3 1/2", WINCHESTER STEEL SHOTSHELLS (LEAD SHOT LOADS) CONT.</b>							
<b>1150 fps</b>							
2 1/4 oz	Longshot	Win. 209	Fed. 12S4	31.5 gr / 13,300 PSI			
2 1/4 oz	Longshot	Win. 209	Rem. R12H + 1-20 ga. .135" Card	32.0 gr / 13,200 PSI			
2 1/4 oz	Longshot	Win. 209	WAA12F114 + 1-20 ga. .135" Card	32.0 gr / 12,600 PSI			
<b>16 GA., 2 3/4", FEDERAL HI POWER PLASTIC PAPER BASE WAD SHELLS</b>							
			<b>1165 fps</b>	<b>1220 fps</b>	<b>1275 fps</b>		
1 oz	Universal	CCI 209M	Activ G-28	21.5 gr / 7,500 PSI	22.5 gr / 8,200 PSI	24.2 gr / 9,000 PSI	
1 oz	Universal	Fed. 209A	BPG/BP	21.0 gr / 7,400 PSI	22.0 gr / 8,200 PSI	23.5 gr / 9,200 PSI	
1 oz	Universal	Win. 209	WAA16	20.7 gr / 7,600 PSI	22.3 gr / 8,200 PSI	23.5 gr / 8,900 PSI	
<b>16 GA., 2 3/4", REMINGTON SP PLASTIC SHELLS</b>							
			<b>1165 fps</b>	<b>1220 fps</b>	<b>1275 fps</b>		
1 oz	Universal	CCI 209M	BPG/BP	19.5 gr / 8,400 PSI	20.5 gr / 9,600 PSI	21.5 gr / 10,300 PSI	
1 oz	Universal	Win. 209	REM. SP16	18.5 gr / 8,800 PSI	19.8 gr / 9,900 PSI	20.5 gr / 10,400 PSI	
1 oz	Universal	Win. 209	WAA16	18.5 gr / 9,000 PSI	19.5 gr / 9,900 PSI	20.5 gr / 10,400 PSI	
<b>16 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED SHELLS</b>							
			<b>1165 fps</b>	<b>1220 fps</b>	<b>1275 fps</b>		
1 oz	Universal	Win. 209	Activ G-28	19.0 gr / 8,800 PSI	20.3 gr / 9,700 PSI	21.5 gr / 10,600 PSI	
1 oz	Universal	Win. 209	BPG/BP	19.5 gr / 9,100 PSI	20.0 gr / 10,000 PSI	21.0 gr / 10,700 PSI	
1 oz	Universal	Win. 209	WAA16	19.0 gr / 9,200 PSI	20.0 gr / 10,300 PSI	20.7 gr / 11,000 PSI	
1 oz	HS-6	CCI 209	WAA16	23.5 gr / 8,200 LUP	24.5 gr / 8,800 LUP	—	
1 oz	HS-6	Fed. 209	WAA16	22.5 gr / 8,600 LUP	24.0 gr / 9,400 LUP	—	
1 oz	HS-6	Win. 209	WAA16	23.0 gr / 8,500 LUP	24.0 gr / 9,300 LUP	—	
1 oz	HS-7	CCI 209	WAA16	25.0 gr / 8,200 LUP	26.5 gr / 9,100 LUP	—	
1 oz	HS-7	Fed. 209	WAA16	25.0 gr / 8,400 LUP	26.0 gr / 9,200 LUP	—	
1 oz	HS-7	Win. 209	WAA16	25.0 gr / 8,400 LUP	26.5 gr / 9,100 LUP	—	
			<b>1185 fps</b>	<b>1240 fps</b>			
1 1/8 oz	HS-6	Fed. 209	WAA16	24.0 gr / 10,400 LUP	—		
1 1/8 oz	HS-6	Fed. 209	Rem. SP16	26.5 gr / 8,500 LUP	27.5 gr / 9,300 LUP		
1 1/8 oz	HS-6	Win. 209	WAA16	24.5 gr / 10,600 LUP	—		
1 1/8 oz	HS-6	Win. 209	Rem. SP16	26.5 gr / 8,600 LUP	27.5 gr / 9,400 LUP		
1 1/8 oz	HS-7	Fed. 209	WAA16	25.5 gr / 10,000 LUP	26.5 gr / 10,600 LUP		
1 1/8 oz	HS-7	Win. 209	WAA16	26.0 gr / 10,100 LUP	27.0 gr / 10,700 LUP		
<b>20 GA., 2 3/4", CHEDDITE PLASTIC SHELLS</b>							
			<b>1200 fps</b>	<b>1225 fps</b>	<b>1250 fps</b>		
7/8 oz	Universal	Ched.209	Fed. 20S1	17.0 gr / 8,900 PSI	17.5 gr / 9,600 PSI	18.1 gr / 10,000 PSI	
7/8 oz	Universal	Ched.209	G/BP20	18.0 gr / 9,100 PSI	18.3 gr / 9,700 PSI	18.6 gr / 9,900 PSI	
7/8 oz	Universal	Fio. 616	Fed. 20S1	16.7 gr / 9,200 PSI	17.1 gr / 9,700 PSI	17.5 gr / 10,300 PSI	
7/8 oz	Universal	Fio. 616	G/BP20	17.0 gr / 9,500 PSI	17.5 gr / 9,700 PSI	18.0 gr / 10,200 PSI	
			<b>1300 fps</b>	<b>1350 fps</b>	<b>1400 fps</b>	<b>1450 fps</b>	
7/8 oz	Longshot	Ched.209	Fed. 20S1	21.4 gr / 9,000 PSI	22.6 gr / 9,800 PSI	23.7 gr / 10,600 PSI	24.9 gr / 11,500 PSI
7/8 oz	Longshot	Ched.209	Rem. RXP20	21.3 gr / 7,800 PSI	22.5 gr / 8,700 PSI	23.6 gr / 9,400 PSI	24.8 gr / 10,300 PSI
7/8 oz	Longshot	Fio. 616	Fed. 20S1	20.7 gr / 8,700 PSI	21.7 gr / 9,400 PSI	22.8 gr / 10,200 PSI	23.8 gr / 10,900 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
<b>20 GA., 2 3/4", CHEDDITE PLASTIC SHELLS CONT.</b>							
				<b>1300 fps</b>	<b>1350 fps</b>	<b>1400 fps</b>	<b>1450 fps</b>
7/8 oz	Longshot	Fio. 616	Rem. RXP20	21.1 gr / 9,100 PSI	22.3 gr / 9,900 PSI	23.4 gr / 10,700 PSI	24.6 gr / 11,500 PSI
				<b>1165 fps</b>	<b>1220 fps</b>	<b>1275 fps</b>	
1 oz	Longshot	Ched.209	Fed. 20S1	17.8 gr / 9,200 PSI	19.0 gr / 10,000 PSI	20.2 gr / 10,900 PSI	
1 oz	Longshot	Ched.209	WAA20	17.5 gr / 8,300 PSI	19.0 gr / 9,600 PSI	20.5 gr / 10,900 PSI	

<b>20 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS</b>							
				<b>1200 fps</b>	<b>1225 fps</b>	<b>1250 fps</b>	
7/8 oz	Internat'l	CCI 209SC	Fed. 20S1	15.0 gr / 11,100 PSI	15.6 gr / 11,800 PSI	—	
7/8 oz	Internat'l	CCI 209SC	Hor. Versalite	15.2 gr / 11,000 PSI	15.8 gr / 11,500 PSI	—	
7/8 oz	Internat'l	CCI 209SC	PC20	14.7 gr / 10,400 PSI	—	—	
7/8 oz	Internat'l	CCI 209SC	Rem. RXP20	14.5 gr / 10,000 PSI	15.5 gr / 10,700 PSI	—	
7/8 oz	Internat'l	CCI 209SC	WAA20F1	14.7 gr / 10,300 PSI	15.3 gr / 11,600 PSI	—	
7/8 oz	Internat'l	CCI 209SC	Windjammer	15.0 gr / 10,700 PSI	15.5 gr / 11,800 PSI	—	
7/8 oz	Internat'l	Fed. 209A	Fed. 20S1	14.5 gr / 11,500 PSI	—	—	
7/8 oz	Internat'l	Fed. 209A	Hor. Versalite	14.7 gr / 11,600 PSI	—	—	
7/8 oz	Internat'l	Fed. 209A	Rem. RXP20	14.7 gr / 11,100 PSI	—	—	
7/8 oz	Internat'l	Fed. 209A	WAA20F1	14.5 gr / 11,500 PSI	—	—	
7/8 oz	Internat'l	Fed. 209A	Windjammer	14.5 gr / 11,300 PSI	14.9 gr / 12,000 PSI	—	
7/8 oz	Internat'l	Rem. 209P	Fed. 20S1	15.3 gr / 10,700 PSI	—	—	
7/8 oz	Internat'l	Rem. 209P	Hor. Versalite	15.5 gr / 10,200 PSI	16.0 gr / 11,600 PSI	—	
7/8 oz	Internat'l	Rem. 209P	WAA20F1	15.0 gr / 10,200 PSI	15.5 gr / 11,300 PSI	16.0 gr / 11,500 PSI	
7/8 oz	Internat'l	Rem. 209P	Windjammer	15.3 gr / 10,700 PSI	16.0 gr / 11,400 PSI	—	
7/8 oz	Internat'l	Win. 209	Fed. 20S1	14.6 gr / 11,400 PSI	—	—	
7/8 oz	Internat'l	Win. 209	Hor. Versalite	14.6 gr / 11,000 PSI	—	—	
7/8 oz	Internat'l	Win. 209	PC20	15.0 gr / 11,200 PSI	—	—	
7/8 oz	Internat'l	Win. 209	Rem. RXP20	14.7 gr / 10,200 PSI	15.3 gr / 11,300 PSI	—	
7/8 oz	Internat'l	Win. 209	WAA20F1	14.5 gr / 10,500 PSI	15.1 gr / 11,500 PSI	—	
7/8 oz	Internat'l	Win. 209	Windjammer	14.5 gr / 10,800 PSI	—	—	
7/8 oz	Universal	CCI 209SC	Fed. 20S1	17.0 gr / 9,500 PSI	17.6 gr / 10,100 PSI	—	
7/8 oz	Universal	CCI 209SC	Hor. Versalite	17.1 gr / 9,300 PSI	17.5 gr / 9,800 PSI	18.0 gr / 10,200 PSI	
7/8 oz	Universal	CCI 209SC	PC20	17.5 gr / 9,500 PSI	—	—	
7/8 oz	Universal	CCI 209SC	Rem. RXP20	17.5 gr / 9,000 PSI	18.0 gr / 9,800 PSI	18.5 gr / 10,000 PSI	
7/8 oz	Universal	CCI 209SC	WAA20F1	17.2 gr / 9,200 PSI	17.7 gr / 9,500 PSI	18.0 gr / 10,000 PSI	
7/8 oz	Universal	CCI 209SC	Windjammer	17.0 gr / 9,500 PSI	17.6 gr / 9,800 PSI	18.2 gr / 10,300 PSI	
7/8 oz	Universal	Fed. 209A	Fed. 20S1	16.7 gr / 10,000 PSI	17.0 gr / 10,700 PSI	—	
7/8 oz	Universal	Fed. 209A	Hor. Versalite	17.0 gr / 9,900 PSI	17.5 gr / 10,700 PSI	18.0 gr / 11,200 PSI	
7/8 oz	Universal	Fed. 209A	PC20	17.0 gr / 10,000 PSI	—	—	
7/8 oz	Universal	Fed. 209A	Rem. RXP20	17.0 gr / 9,800 PSI	17.7 gr / 10,200 PSI	18.0 gr / 10,400 PSI	
7/8 oz	Universal	Fed. 209A	WAA20F1	17.0 gr / 10,100 PSI	17.5 gr / 10,500 PSI	17.8 gr / 10,800 PSI	
7/8 oz	Universal	Fed. 209A	Windjammer	17.0 gr / 9,600 PSI	17.5 gr / 10,300 PSI	18.0 gr / 10,800 PSI	
7/8 oz	Universal	Rem. 209P	Fed. 20S1	18.0 gr / 9,300 PSI	—	—	
7/8 oz	Universal	Rem. 209P	Hor. Versalite	17.8 gr / 8,800 PSI	18.6 gr / 9,500 PSI	19.2 gr / 9,700 PSI	
7/8 oz	Universal	Rem. 209P	Rem. RXP20	18.5 gr / 8,400 PSI	19.0 gr / 9,100 PSI	—	
7/8 oz	Universal	Rem. 209P	WAA20F1	17.8 gr / 8,700 PSI	18.3 gr / 9,500 PSI	—	
7/8 oz	Universal	Rem. 209P	Windjammer	18.0 gr / 8,900 PSI	18.5 gr / 9,400 PSI	—	
7/8 oz	Universal	Win. 209	Fed. 20S1	17.4 gr / 9,600 PSI	18.0 gr / 10,300 PSI	—	

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
<b>20 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS CONT.</b>						
				<b>1200 fps</b>	<b>1225 fps</b>	<b>1250 fps</b>
7/8 oz	Universal	Win. 209	Hor. Versalite	17.0 gr / 9,600 PSI	17.5 gr / 10,100 PSI	18.0 gr / 10,300 PSI
7/8 oz	Universal	Win. 209	PC20	17.5 gr / 9,400 PSI	—	—
7/8 oz	Universal	Win. 209	Rem. RXP20	17.5 gr / 9,300 PSI	18.2 gr / 9,800 PSI	—
7/8 oz	Universal	Win. 209	WAA20	17.0 gr / 9,300 PSI	17.5 gr / 9,900 PSI	18.0 gr / 10,200 PSI
7/8 oz	Universal	Win. 209	WAA20F1	17.0 gr / 10,000 PSI	17.4 gr / 10,200 PSI	17.9 gr / 10,400 PSI
7/8 oz	Universal	Win. 209	Windjammer	17.5 gr / 9,200 PSI	18.2 gr / 9,900 PSI	18.5 gr / 10,400 PSI
				<b>1300 fps</b>	<b>1350 fps</b>	<b>1400 fps</b>
7/8 oz	Longshot	CCI209M	Fed. 20S1	20.5 gr / 8,900 PSI	21.5 gr / 9,800 PSI	22.6 gr / 10,900 PSI
7/8 oz	Longshot	CCI209M	Rem. RXP20	21.1 gr / 8,500 PSI	22.1 gr / 9,200 PSI	23.2 gr / 9,900 PSI
7/8 oz	Longshot	CCI209M	WAA20	21.0 gr / 8,700 PSI	21.7 gr / 9,700 PSI	22.3 gr / 10,600 PSI
7/8 oz	Longshot	Fed. 209A	Fed. 20S1	20.3 gr / 9,300 PSI	21.3 gr / 10,200 PSI	22.3 gr / 11,100 PSI
7/8 oz	Longshot	Fed. 209A	Rem. RXP20	20.5 gr / 8,800 PSI	21.6 gr / 9,800 PSI	22.7 gr / 10,700 PSI
7/8 oz	Longshot	Fed. 209A	WAA20	20.6 gr / 8,900 PSI	21.7 gr / 9,800 PSI	22.8 gr / 10,600 PSI
7/8 oz	Longshot	Rem. 209P	Fed. 20S1	20.6 gr / 8,800 PSI	21.7 gr / 9,700 PSI	22.8 gr / 10,500 PSI
7/8 oz	Longshot	Rem. 209P	Rem. RXP20	22.5 gr / 8,200 PSI	23.2 gr / 9,000 PSI	23.9 gr / 9,700 PSI
7/8 oz	Longshot	Rem. 209P	WAA20	20.8 gr / 8,600 PSI	21.9 gr / 9,400 PSI	22.9 gr / 10,200 PSI
7/8 oz	Longshot	Win. 209	Fed. 20S1	21.5 gr / 8,100 PSI	22.6 gr / 8,900 PSI	23.7 gr / 9,700 PSI
7/8 oz	Longshot	Win. 209	Rem. RXP20	—	24.1 gr / 7,700 PSI	24.9 gr / 8,700 PSI
7/8 oz	Longshot	Win. 209	WAA20	22.3 gr / 7,500 PSI	23.3 gr / 8,300 PSI	24.3 gr / 9,200 PSI
				<b>1165 fps</b>	<b>1220 fps</b>	<b>1250 fps</b>
1 oz	HS-6	CCI 209M	WAA20F1	21.5 gr / 9,800 PSI	23.0 gr / 11,200 PSI	—
1 oz	HS-6	CCI 209M	REM SP20	21.3 gr / 10,000 PSI	22.5 gr / 10,800 PSI	—
1 oz	HS-6	Fed. 209A	REM SP20	21.0 gr / 10,100 PSI	22.5 gr / 11,300 PSI	—
1 oz	HS-6	Fed. 209A	WAA20F1	21.0 gr / 9,700 PSI	22.5 gr / 11,200 PSI	—
1 oz	HS-6	Win. 209	REM SP20	21.5 gr / 9,900 PSI	23.0 gr / 10,900 PSI	24.0 gr / 11,700 PSI
1 oz	HS-6	Win. 209	WAA20F1	21.5 gr / 10,100 PSI	23.0 gr / 11,700 PSI	—
				<b>1165 fps</b>	<b>1220 fps</b>	<b>1275 fps</b>
1 oz	Longshot	CCI 209M	Fed. 20S1	17.7 gr / 9,200 PSI	19.1 gr / 10,500 PSI	20.5 gr / 11,800 PSI
1 oz	Longshot	CCI 209M	Rem. SP20	—	19.5 gr / 10,400 PSI	20.6 gr / 11,800 PSI
1 oz	Longshot	CCI 209M	WAA20F1	—	18.9 gr / 10,400 PSI	20.5 gr / 11,800 PSI
1 oz	Longshot	Fed. 209A	Fed. 20S1	16.8 gr / 9,400 PSI	18.5 gr / 10,600 PSI	20.3 gr / 11,800 PSI
1 oz	Longshot	Fed. 209A	Rem. SP20	17.4 gr / 9,400 PSI	18.9 gr / 10,500 PSI	20.4 gr / 11,700 PSI
1 oz	Longshot	Fed. 209A	WAA20F1	17.7 gr / 9,100 PSI	18.9 gr / 10,100 PSI	20.2 gr / 11,200 PSI
1 oz	Longshot	Rem. 209P	Fed. 20S1	17.7 gr / 8,700 PSI	19.0 gr / 10,100 PSI	20.2 gr / 11,400 PSI
1 oz	Longshot	Rem. 209P	Rem. RXP20	19.0 gr / 8,700 PSI	19.8 gr / 9,600 PSI	20.7 gr / 10,600 PSI
1 oz	Longshot	Rem. 209P	WAA20F1	17.1 gr / 9,100 PSI	18.8 gr / 10,000 PSI	20.6 gr / 10,900 PSI
1 oz	Longshot	Win. 209	Fed. 20S1	18.6 gr / 9,000 PSI	19.7 gr / 9,900 PSI	20.9 gr / 10,800 PSI
1 oz	Longshot	Win. 209	Rem. RXP20	19.8 gr / 8,100 PSI	20.7 gr / 8,900 PSI	21.5 gr / 9,700 PSI
1 oz	Longshot	Win. 209	WAA20F1	17.8 gr / 8,400 PSI	19.5 gr / 9,400 PSI	21.0 gr / 10,300 PSI

<b>20 GA., 2 3/4", FIOCCHI AND PMC PLASTIC TARGET SHELLS (LOW BASE WAD)</b>						
				<b>1200 fps</b>	<b>1225 fps</b>	<b>1250 fps</b>
7/8 oz	Internat'l	Fio. 616	Fed. 20S1	14.6 gr / 11,800 PSI	—	—
7/8 oz	Internat'l	Fio. 616	Hor. Versalite	14.8 gr / 11,400 PSI	—	—
7/8 oz	Internat'l	Fio. 616	PC20	14.8 gr / 11,000 PSI	—	—
7/8 oz	Internat'l	Fio. 616	Rem. RXP20	15.0 gr / 10,700 PSI	—	—

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
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## 20 GA., 2 3/4", FIOCCHI AND PMC PLASTIC TARGET SHELLS (LOW BASE WAD) CONT.

				1200 fps	1225 fps	1250 fps	
7/8 oz	Internat'l	Fio. 616	WAA20	14.8 gr / 11,700 PSI	—	—	
7/8 oz	Internat'l	Fio. 616	Windjammer	15.0 gr / 12,000 PSI	—	—	
7/8 oz	Universal	Fio. 616	Fed. 20S1	16.6 gr / 9,800 PSI	17.0 gr / 10,600 PSI	—	
7/8 oz	Universal	Fio. 616	Hor. Versalite	17.2 gr / 9,300 PSI	17.6 gr / 10,600 PSI	17.9 gr / 10,900 PSI	
7/8 oz	Universal	Fio. 616	PC20	17.0 gr / 9,800 PSI	—	—	
7/8 oz	Universal	Fio. 616	Rem. RXP 20	17.3 gr / 9,100 PSI	18.0 gr / 9,800 PSI	—	
7/8 oz	Universal	Fio. 616	WAA20	17.0 gr / 9,300 PSI	17.6 gr / 9,800 PSI	18.0 gr / 10,000 PSI	
7/8 oz	Universal	Fio. 616	Windjammer	17.5 gr / 9,400 PSI	17.8 gr / 9,900 PSI	18.0 gr / 10,200 PSI	
7/8 oz	Universal	Ched. 209	Fed. 20S1	17.5 gr / 9,400 PSI	18.0 gr / 9,300 PSI	—	
7/8 oz	Universal	Ched. 209	Rem. RXP 20	18.5 gr / 8,700 PSI	—	—	
7/8 oz	Universal	Ched. 209	WAA20	18.0 gr / 9,000 PSI	—	—	
				1300 fps	1350 fps	1400 fps	1450 fps
7/8 oz	Longshot	Ched.209	Fed. 20S1	20.7 gr / 9,300 PSI	21.8 gr / 9,300 PSI	23.0 gr / 10,200 PSI	24.1 gr / 11,000 PSI
7/8 oz	Longshot	Ched.209	Rem. RXP20	—	22.0 gr / 9,200 PSI	23.5 gr / 10,500 PSI	24.8 gr / 11,600 PSI
7/8 oz	Longshot	Fio. 616	Fed. 20S1	21.2 gr / 9,100 PSI	22.2 gr / 10,400 PSI	23.2 gr / 11,600 PSI	—
7/8 oz	Longshot	Fio. 616	Rem. RXP20	—	22.0 gr / 9,100 PSI	23.2 gr / 10,000 PSI	24.3 gr / 10,800 PSI
				1165 fps	1220 fps	1275 fps	
1 oz	Longshot	Fio. 616	Fed. 20S1	18.0 gr / 8,900 PSI	19.2 gr / 10,000 PSI	20.4 gr / 11,200 PSI	
1 oz	Longshot	Fio. 616	WAA20	18.3 gr / 9,000 PSI	19.4 gr / 9,900 PSI	20.5 gr / 10,800 PSI	

## 20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS

				1150 fps	1200 fps	1250 fps	
3/4 oz	Internat'l	CCI 209M	PC20	12.2 gr / 9,400 PSI	13.0 gr / 10,800 PSI	—	
3/4 oz	Internat'l	CCI 209M	WAA20	12.0 gr / 9,200 PSI	13.1 gr / 10,700 PSI	—	
3/4 oz	Internat'l	Rem. 209P	PC20	12.5 gr / 8,400 PSI	13.7 gr / 9,500 PSI	—	
3/4 oz	Internat'l	Rem. 209P	WAA20	12.5 gr / 8,600 PSI	13.6 gr / 10,600 PSI	—	
3/4 oz	Internat'l	Win. 209	PC20	12.5 gr / 9,000 PSI	13.2 gr / 10,200 PSI	14.2 gr / 11,800 PSI	
3/4 oz	Internat'l	Win. 209	WAA20	12.0 gr / 9,000 PSI	13.2 gr / 10,400 PSI	—	
				1200 fps	1225fps	1250 fps	
7/8 oz	Internat'l	CCI 209	Hor. Versalite	14.0 gr / 11,400 PSI	—	—	
7/8 oz	Internat'l	Fed. 209	Windjammer	14.0 gr / 11,800 PSI	—	—	
7/8 oz	Internat'l	Rem. 209P	RXP20	14.0 gr / 10,700 PSI	—	—	
7/8 oz	Internat'l	Win. 209	PC20	14.0 gr / 11,000 PSI	—	—	
7/8 oz	Internat'l	Win. 209	WAA20	14.0 gr / 11,900 PSI	—	—	
7/8 oz	Universal	CCI 209SC	Fed. 20S1	15.2 gr / 10,700 PSI	15.6 gr / 11,500 PSI	—	
7/8 oz	Universal	CCI 209SC	Hor. Versalite	15.6 gr / 11,000 PSI	16.1 gr / 11,400 PSI	—	
7/8 oz	Universal	CCI 209SC	Rem. RXP 20	15.5 gr / 10,400 PSI	16.0 gr / 11,000 PSI	16.4 gr / 11,300 PSI	
7/8 oz	Universal	CCI 209SC	WAA20F1	15.4 gr / 10,700 PSI	15.9 gr / 10,900 PSI	16.2 gr / 11,900 PSI	
7/8 oz	Universal	CCI 209SC	Windjammer	15.4 gr / 10,700 PSI	15.8 gr / 11,400 PSI	—	
7/8 oz	Universal	Fed. 209A	Fed. 20S1	15.0 gr / 11,900 PSI	—	—	
7/8 oz	Universal	Fed. 209A	Hor. Versalite	15.2 gr / 11,400 PSI	15.5 gr / 12,000 PSI	—	
7/8 oz	Universal	Fed. 209A	Rem. RXP 20	15.4 gr / 10,700 PSI	15.9 gr / 11,300 PSI	—	
7/8 oz	Universal	Fed. 209A	WAA20F1	15.0 gr / 11,200 PSI	15.5 gr / 12,000 PSI	—	
7/8 oz	Universal	Rem. 209P	Fed. 20S1	16.0 gr / 10,700 PSI	16.2 gr / 11,100 PSI	16.5 gr / 11,400 PSI	
7/8 oz	Universal	Rem. 209P	Hor. Versalite	16.0 gr / 10,200 PSI	16.5 gr / 10,900 PSI	17.0 gr / 11,700 PSI	
7/8 oz	Universal	Rem. 209P	Rem. RXP 20	15.8 gr / 9,900 PSI	16.7 gr / 10,700 PSI	—	

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
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## 20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS CONT.

				1200 fps	1225fps	1250 fps	
7/8 oz	Universal	Rem. 209P	WAA20F1	15.6 gr / 10,500 PSI	16.0 gr / 11,000 PSI	16.5 gr / 11,200 PSI	
7/8 oz	Universal	Rem. 209P	Windjammer	16.0 gr / 10,600 PSI	16.5 gr / 11,200 PSI	—	
7/8 oz	Universal	Win. 209	Fed. 20S1	15.5 gr / 10,800 PSI	16.0 gr / 11,500 PSI	—	
7/8 oz	Universal	Win. 209	Hor. Versalite	16.0 gr / 10,800 PSI	16.5 gr / 11,900 PSI	—	
7/8 oz	Universal	Win. 209	Rem. RXP 20	16.0 gr / 10,400 PSI	16.7 gr / 11,400 PSI	—	
7/8 oz	Universal	Win. 209	Windjammer	16.0 gr / 10,800 PSI	16.5 gr / 11,500 PSI	—	
				1250 fps	1300 fps	1350 fps	
7/8 oz	Longshot	CCI209M	Fed. 20S1	16.9 gr / 10,400 PSI	18.0 gr / 11,600 PSI	—	
7/8 oz	Longshot	CCI209M	PC20	17.7 gr / 9,500 PSI	18.4 gr / 10,600 PSI	19.6 gr / 12,000 PSI	
7/8 oz	Longshot	CCI209M	Rem. RXP20	17.7 gr / 9,500 PSI	18.7 gr / 10,800 PSI	19.6 gr / 12,000 PSI	
7/8 oz	Longshot	CCI209M	WAA20	17.0 gr / 10,700 PSI	18.1 gr / 11,700 PSI	—	
7/8 oz	Longshot	CCI209M	Windjammer	17.3 gr / 10,000 PSI	18.1 gr / 11,300 PSI	—	
7/8 oz	Longshot	Fed. 209A	Fed. 20S1	17.5 gr / 10,800 PSI	18.3 gr / 12,000 PSI	—	
7/8 oz	Longshot	Fed. 209A	PC20	17.6 gr / 10,200 PSI	18.6 gr / 11,200 PSI	—	
7/8 oz	Longshot	Fed. 209A	Rem. RXP20	17.6 gr / 10,100 PSI	18.6 gr / 11,200 PSI	—	
7/8 oz	Longshot	Fed. 209A	WAA20	17.1 gr / 10,600 PSI	18.3 gr / 11,700 PSI	—	
7/8 oz	Longshot	Fed. 209A	Windjammer	17.2 gr / 10,400 PSI	18.5 gr / 11,900 PSI	—	
7/8 oz	Longshot	Rem. 209P	Fed. 20S1	17.5 gr / 10,200 PSI	18.4 gr / 11,600 PSI	—	
7/8 oz	Longshot	Rem. 209P	PC20	17.7 gr / 9,500 PSI	18.8 gr / 10,700 PSI	19.9 gr / 11,900 PSI	
7/8 oz	Longshot	Rem. 209P	Rem. RXP20	17.6 gr / 9,600 PSI	18.9 gr / 11,200 PSI	—	
7/8 oz	Longshot	Rem. 209P	WAA20	17.3 gr / 10,300 PSI	18.5 gr / 11,800 PSI	—	
7/8 oz	Longshot	Rem. 209P	Windjammer	17.8 gr / 10,100 PSI	18.9 gr / 11,200 PSI	—	
7/8 oz	Longshot	Win. 209	PC20	18.8 gr / 8,700 PSI	19.8 gr / 10,100 PSI	20.7 gr / 11,300 PSI	
7/8 oz	Longshot	Win. 209	Rem. RXP20	18.2 gr / 9,100 PSI	19.4 gr / 10,300 PSI	20.6 gr / 11,500 PSI	
7/8 oz	Longshot	Win. 209	WAA20	17.9 gr / 9,900 PSI	19.0 gr / 11,200 PSI	—	
7/8 oz	Longshot	Win. 209	Windjammer	18.4 gr / 9,000 PSI	19.4 gr / 10,500 PSI	20.3 gr / 12,000 PSI	
7/8 oz	Longshot	Win. 209	Fed. 20S1	18.1 gr / 10,000 PSI	19.1 gr / 11,100 PSI	20.1 gr / 12,000 PSI	
				1165 fps	1220 fps		
1 oz	HS-6	CCI 209	Rem. SP 20	20.5 gr / 11,500 PSI	—	—	
1 oz	HS-6	CCI 209	WAA20F1	20.5 gr / 11,900 PSI	—	—	
1 oz	HS-6	CCI 209	Windjammer	19.6 gr / 11,200 PSI	—	—	
1 oz	HS-6	CCI 209M	Fed. 20S1	19.5 gr / 11,600 PSI	—	—	
1 oz	HS-6	CCI 209M	WAA20F1	19.7 gr / 11,300 PSI	—	—	
1 oz	HS-6	Fed. 209A	Rem. SP 20	19.5 gr / 11,400 PSI	—	—	
1 oz	HS-6	Fed. 209A	WAA20F1	19.5 gr / 11,100 PSI	—	—	
1 oz	HS-6	Rem. 209P	Fed. 20S1	20.0 gr / 10,900 PSI	—	—	
1 oz	HS-6	Rem. 209P	WAA20F1	20.4 gr / 10,900 PSI	21.6 gr / 11,700 PS	—	
1 oz	HS-6	Rem. 209P	Windjammer	20.8 gr / 10,900 PSI	—	—	
1 oz	HS-6	Win. 209	Fed. 20S1	19.7 gr / 11,500 PSI	—	—	
1 oz	HS-6	Win. 209	Rem. SP 20	20.0 gr / 11,200 PSI	—	—	
1 oz	HS-6	Win. 209	WAA20F1	20.3 gr / 11,200 PSI	—	—	
1 oz	HS-6	Win. 209	Windjammer	20.0 gr / 11,200 PSI	—	—	
1 oz	HS-7	Rem. 209P	Rem. SP20	23.0 gr / 9,800 LUP	25.0 gr / 10,800 LUP	—	
1 oz	Longshot	CCI 209M	Rem. SP20	16.5 gr / 11,700 PSI	—	—	



# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE	
<b>20 GA., 2 3/4", REMINGTON RXP, PREMIER AND STS PLASTIC SHELLS CONT.</b>					
				<b>1165 fps</b>	<b>1220 fps</b>
1 oz	Longshot	CCI 209M	WAA20F1	16.5 gr / 11,000 PSI	—
1 oz	Longshot	Fed. 209A	WAA20F1	15.9 gr / 11,200 PSI	16.5 gr / 12,000 PSI
1 oz	Longshot	Rem. 209P	Rem. SP20	16.0 gr / 11,100 PSI	—
1 oz	Longshot	Rem. 209P	WAA20F1	15.9 gr / 10,900 PSI	17.3 gr / 12,000 PSI
1 oz	Longshot	Win. 209	Rem. SP20	16.0 gr / 10,400 PSI	17.8 gr / 12,000 PSI
1 oz	Longshot	Win. 209	WAA20F1	16.3 gr / 9,900 PSI	18.0 gr / 12,000 PSI

<b>20 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS</b>						
				<b>1150 fps</b>	<b>1200 fps</b>	<b>1250 fps</b>
3/4 oz	Internat'l	CCI 209M	Fio. 20	12.2 gr / 9,700 PSI	13.0 gr / 10,800 PSI	—
3/4oz	Internat'l	CCI 209M	PC20	12.3 gr / 10,200 PSI	13.1 gr / 11,900 PSI	—
3/4oz	Internat'l	CCI 209M	WAA20	12.1 gr / 10,100 PSI	12.7 gr / 11,500 PSI	—
3/4oz	Internat'l	Rem. 209P	Fio. 20	12.8 gr / 8,100 PSI	13.8 gr / 10,200 PSI	14.5 gr / 10,900 PSI
3/4oz	Internat'l	Rem. 209P	PC20	12.5 gr / 9,000 PSI	14.0 gr / 10,900 PSI	—
3/4oz	Internat'l	Rem. 209P	WAA20	12.1 gr / 9,000 PSI	13.2 gr / 10,500 PSI	—
3/4oz	Internat'l	Win. 209	Fio. 20	12.3 gr / 9,000 PSI	12.9 gr / 10,500 PSI	14.0 gr / 11,800 PSI
3/4oz	Internat'l	Win. 209	PC20	12.2 gr / 10,400 PSI	13.0 gr / 11,300 PSI	—
3/4oz	Internat'l	Win. 209	WAA20	12.0 gr / 10,100 PSI	13.0 gr / 11,700 PSI	—

				<b>1200 fps</b>		
7/8 oz	Internat'l	CCI 209	Hor. Versalite	14.0 gr / 11,000 PSI		
7/8 oz	Internat'l	Rem. 209P	Rem. RXP20	14.0 gr / 10,800 PSI		
7/8 oz	Internat'l	Win. 209	PC20	14.0 gr / 11,200 PSI		
7/8 oz	Internat'l	Win. 209	WAA20	14.0 gr / 11,800 PSI		
7/8 oz	Universal	CCI 209SC	Fed. 20S1	14.6 gr / 11,800 PSI		
7/8 oz	Universal	CCI 209SC	Hor. Versalite	15.5 gr / 11,700 PSI		
7/8 oz	Universal	CCI 209SC	PC20	15.5 gr / 11,600 PSI		
7/8 oz	Universal	CCI 209SC	Rem. RXP20	15.3 gr / 11,100 PSI		
7/8 oz	Universal	CCI 209SC	WAA20F1	15.1 gr / 11,600 PSI		
7/8 oz	Universal	CCI 209SC	Windjammer	15.5 gr / 11,900 PSI		
7/8 oz	Universal	Fed. 209A	Fed. 20S1	14.3 gr / 12,000 PSI		
7/8 oz	Universal	Fed. 209A	Hor. Versalite	14.8 gr / 11,700 PSI		
7/8 oz	Universal	Fed. 209A	PC20	14.7 gr / 11,900 PSI		
7/8 oz	Universal	Fed. 209A	Rem. RXP20	14.8 gr / 11,400 PSI		
7/8 oz	Universal	Fed. 209A	WAA20F1	14.6 gr / 12,000 PSI		
7/8 oz	Universal	Fed. 209A	Windjammer	15.8 gr / 11,700 PSI		
7/8 oz	Universal	Rem. 209P	Fed. 20S1	15.3 gr / 11,500 PSI		
7/8 oz	Universal	Rem. 209P	Hor. Versalite	16.0 gr / 11,400 PSI		
7/8 oz	Universal	Rem. 209P	PC20	15.5 gr / 11,100 PSI		
7/8 oz	Universal	Rem. 209P	Rem. RXP20	15.8 gr / 9,800 PSI		
7/8 oz	Universal	Rem. 209P	WAA20F1	15.3 gr / 11,600 PSI		
7/8 oz	Universal	Rem. 209P	Windjammer	16.0 gr / 11,700 PSI		
7/8 oz	Universal	Win. 209	Fed. 20S1	14.7 gr / 12,000 PSI		
7/8 oz	Universal	Win. 209	Hor. Versalite	15.0 gr / 11,600 PSI		
7/8 oz	Universal	Win. 209	Rem. RXP20	15.0 gr / 11,000 PSI		
7/8 oz	Universal	Win. 209	Windjammer	15.0 gr / 11,800 PSI		
7/8 oz	Universal	Win. 209	WAA20	15.5 gr / 10,200 PSI		

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
<b>20 GA., 2 3/4", WINCHESTER COMPRESSION-FORMED AA TYPE SHELLS CONT.</b>						
				<b>1250 fps</b>	<b>1300 fps</b>	<b>1350 fps</b>
7/8 oz	Longshot	CCI209M	Fed. 20S1	17.3 gr / 11,000 PSI	—	—
7/8 oz	Longshot	CCI209M	PC20	17.4 gr / 11,000 PSI	18.5 gr / 11,800 PSI	—
7/8 oz	Longshot	CCI209M	Rem.RXP20	17.7 gr / 9,800 PSI	18.5 gr / 11,200 PSI	—
7/8 oz	Longshot	CCI209M	WAA20	17.2 gr / 10,900 PSI	18.0 gr / 11,900 PSI	—
7/8 oz	Longshot	CCI209M	Windjammer	17.6 gr / 10,700 PSI	18.4 gr / 12,000 PSI	—
7/8 oz	Longshot	Fed. 209A	Fed. 20S1	17.5 gr / 11,800 PSI	—	—
7/8 oz	Longshot	Fed. 209A	PC20	17.8 gr / 11,000 PSI	18.4 gr / 11,900 PSI	—
7/8 oz	Longshot	Fed. 209A	Rem.RXP20	17.8 gr / 11,400 PSI	18.9 gr / 12,000 PSI	—
7/8 oz	Longshot	Fed. 209A	WAA20	17.4 gr / 11,900 PSI	—	—
7/8 oz	Longshot	Fed. 209A	Windjammer	17.4 gr / 11,200 PSI	18.5 gr / 12,000 PSI	—
7/8 oz	Longshot	Rem. 209P	Fed. 20S1	17.6 gr / 10,800 PSI	18.5 gr / 12,000 PSI	—
7/8 oz	Longshot	Rem. 209P	PC20	17.9 gr / 10,900 PSI	18.6 gr / 11,600 PSI	—
7/8 oz	Longshot	Rem. 209P	Rem.RXP20	17.7 gr / 10,400 PSI	18.7 gr / 11,400 PSI	—
7/8 oz	Longshot	Rem. 209P	WAA20	17.2 gr / 11,100 PSI	18.4 gr / 11,800 PSI	—
7/8 oz	Longshot	Rem. 209P	Windjammer	17.9 gr / 10,700 PSI	18.5 gr / 11,900 PSI	—
7/8 oz	Longshot	Win. 209	Fed. 20S1	17.6 gr / 10,600 PSI	18.6 gr / 11,400 PSI	—
7/8 oz	Longshot	Win. 209	PC20	18.3 gr / 9,600 PSI	19.4 gr / 10,600 PSI	20.5 gr / 11,600 PSI
7/8 oz	Longshot	Win. 209	Rem.RXP20	18.4 gr / 9,800 PSI	19.3 gr / 10,700 PSI	—
7/8 oz	Longshot	Win. 209	WAA20	17.8 gr / 10,600 PSI	18.6 gr / 11,700 PSI	—
7/8 oz	Longshot	Win. 209	Windjammer	18.4 gr / 10,100 PSI	19.1 gr / 11,000 PSI	20.0 gr / 12,000 PSI

				<b>1165 fps</b>	<b>1220 fps</b>	<b>1250 fps</b>
1 oz	HS-6	Rem. 209P	Rem. SP20	19.8 gr / 11,900 PSI	—	—
1 oz	HS-6	Rem. 209P	WAA20F1	19.5 gr / 11,800 PSI	—	—
1 oz	HS-6	Win. 209	WAA20F1	21.5 gr / 10,000 LUP	22.5 gr / 10,900 LUP	—
1 oz	HS-6	Win. 209	Rem. SP20	23.0 gr / 10,100 LUP	24.0 gr / 10,800 LUP	—
1 oz	HS-7	Win. 209	WAA20F1	23.5 gr / 9,200 LUP	24.5 gr / 10,100 LUP	25.5 gr / 10,800 LUP
1 oz	HS-7	Win. 209	Rem. SP20	23.5 gr / 9,400 LUP	24.5 gr / 10,600 LUP	—

				<b>1165 fps</b>	<b>1220 fps</b>
1 oz	Longshot	CCI 209M	Rem. SP20	16.7 gr / 11,700 PSI	—
1 oz	Longshot	CCI 209M	WAA20F1	15.5 gr / 11,900 PSI	—
1 oz	Longshot	Fed. 209A	WAA20F1	15.5 gr / 11,900 PSI	—
1 oz	Longshot	Rem. 209P	Rem. SP20	16.3 gr / 11,800 PSI	—
1 oz	Longshot	Rem. 209P	WAA20F1	15.8 gr / 11,800 PSI	—
1 oz	Longshot	Win. 209	Rem. SP20	16.5 gr / 10,700 PSI	18.1 gr / 12,000 PSI
1 oz	Longshot	Win. 209	WAA20F1	15.7 gr / 10,900 PSI	17.2 gr / 12,000 PSI

<b>20 GA., 3", FEDERAL PLASTIC SHELLS</b>						
				<b>1175 fps</b>	<b>1230 fps</b>	<b>1285 fps</b>
1 1/8 oz	Longshot	CCI 209M	Fed. 20S1	19.6 gr / 9,000 PSI	21.0 gr / 10,300 PSI	22.4 gr / 11,500 PSI
1 1/8 oz	Longshot	CCI 209M	Rem. RXP20	19.4 gr / 9,000 PSI	21.0 gr / 10,000 PSI	22.6 gr / 10,900 PSI
1 1/8 oz	Longshot	CCI 209M	WAA20	19.2 gr / 8,300 PSI	20.7 gr / 10,600 PSI	—
1 1/8 oz	Longshot	Fed. 209A	Fed. 20S1	19.3 gr / 9,300 PSI	20.6 gr / 10,900 PSI	21.9 gr / 12,000 PSI
1 1/8 oz	Longshot	Fed. 209A	Rem. RXP20	19.6 gr / 9,000 PSI	21.1 gr / 10,600 PSI	22.7 gr / 11,000 PSI
1 1/8 oz	Longshot	Fed. 209A	WAA20	19.6 gr / 9,700 PSI	20.7 gr / 10,900 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Fed. 20S1	19.4 gr / 9,000 PSI	20.3 gr / 10,300 PSI	22.2 gr / 11,600 PSI
1 1/8 oz	Longshot	Rem. 209P	Rem. RXP20	19.5 gr / 8,600 PSI	21.1 gr / 9,900 PSI	22.7 gr / 11,200 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
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## 20 GA., 3", FEDERAL PLASTIC SHELLS CONT.

				1175 fps	1230 fps	1285 fps
1 1/8 oz	Longshot	Rem. 209P	WAA20	19.4 gr / 9,100 PSI	20.3 gr / 10,400 PSI	22.1 gr / 11,600 PSI
1 1/8 oz	Longshot	Win. 209	Fed. 20S1	20.6 gr / 8,200 PSI	21.7 gr / 9,500 PSI	22.7 gr / 10,600 PSI
1 1/8 oz	Longshot	Win. 209	Rem. RXP20	20.3 gr / 8,500 PSI	21.7 gr / 9,600 PSI	23.0 gr / 10,600 PSI
1 1/8 oz	Longshot	Win. 209	WAA20	19.6 gr / 8,800 PSI	21.0 gr / 10,100 PSI	22.4 gr / 11,300 PSI
				1185 fps	1240 fps	
1 1/4 oz	Longshot	CCI 209M	Fed. 20S1	20.2 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	CCI 209M	Rem. RXP20	21.0 gr / 11,000 PSI	—	
1 1/4 oz	Longshot	CCI 209M	WAA20F1	20.3 gr / 11,400 PSI	—	
1 1/4 oz	Longshot	Fed. 209A	Fed. 20S1	20.2 gr / 11,700 PSI	—	
1 1/4 oz	Longshot	Fed. 209A	Rem. RXP20	20.9 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	Fed. 209A	WAA20F1	20.2 gr / 11,500 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	Fed. 20S1	20.5 gr / 11,600 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	Rem. RXP20	21.5 gr / 10,400 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	WAA20F1	19.9 gr / 11,200 PSI	—	
1 1/4 oz	Longshot	Win. 209	Fed. 20S1	20.4 gr / 10,300 PSI	—	
1 1/4 oz	Longshot	Win. 209	Rem. RXP20	21.3 gr / 10,600 PSI	—	
1 1/4 oz	Longshot	Win. 209	WAA20F1	21.2 gr / 10,300 PSI	22.2 gr / 11,500 PSI	

## 20 GA., 3", REMINGTON NITRO STEEL PLASTIC SHELLS (LEAD SHOT)

				1175 fps	1230 fps	1285 fps
1 1/8 oz	Longshot	CCI 209M	BP2 Trap Com.	19.5 gr / 10,100 PSI	20.5 gr / 11,100 PSI	—
1 1/8 oz	Longshot	Rem. 209P	BP2 Trap Com.	19.6 gr / 9,300 PSI	21.0 gr / 10,800 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 20S1	20.1 gr / 8,500 PSI	21.4 gr / 9,800 PSI	22.7 gr / 11,100 PSI
1 1/8 oz	Longshot	Win. 209	Rem. RXP20	—	—	23.0 gr / 11,900 PSI
1 1/8 oz	Longshot	Win. 209	WAA20	20.0 gr / 8,900 PSI	21.4 gr / 10,200 PSI	22.7 gr / 11,500 PSI
				1185 fps	1240 fps	
1 1/4 oz	Longshot	CCI 209M	Fed. 20S1	20.0 gr / 12,000 PSI	—	
1 1/4 oz	Longshot	CCI 209M	PC20	20.1 gr / 11,300 PSI	—	
1 1/4 oz	Longshot	CCI 209M	Rem. RXP20	20.2 gr / 11,500 PSI	—	
1 1/4 oz	Longshot	CCI 209M	WAA20	20.0 gr / 11,500 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	Fed. 20S1	20.5 gr / 10,900 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	PC20	20.6 gr / 10,300 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	RXP20	20.3 gr / 11,000 PSI	—	
1 1/4 oz	Longshot	Rem. 209P	WAA20	20.4 gr / 11,500 PSI	—	
1 1/4 oz	Longshot	Win. 209	Fed. 20S1	20.5 gr / 11,500 PSI	—	
1 1/4 oz	Longshot	Win. 209	PC20	21.0 gr / 10,600 PSI	22.4 gr / 12,000 PSI	
1 1/4 oz	Longshot	Win. 209	Rem. RXP20	20.7 gr / 11,100 PSI	—	
1 1/4 oz	Longshot	Win. 209	WAA20	20.7 gr / 11,300 PSI	—	

## 20 GA., 3", REMINGTON PREMIER PLASTIC SHELLS

				1175 fps	1230 fps
1 1/8 oz	Longshot	CCI 209M	PC20	17.6 gr / 11,400 PSI	—
1 1/8 oz	Longshot	CCI 209M	Rem. RXP20	17.7 gr / 11,500 PSI	—
1 1/8 oz	Longshot	Rem. 209P	PC20	17.6 gr / 10,900 PSI	—
1 1/8 oz	Longshot	Rem. 209P	Rem. RXP20	17.7 gr / 11,500 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA20	17.6 gr / 12,000 PSI	—

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE	
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## 20 GA., 3", REMINGTON PREMIER PLASTIC SHELLS CONT.

				1175 fps	1230 fps
1 1/8 oz	Longshot	Win. 209	Fed. 20S1	18.2 gr / 10,800 PSI	—
1 1/8 oz	Longshot	Win. 209	PC20	18.3 gr / 10,500 PSI	19.3 gr / 12,000 PSI
1 1/8 oz	Longshot	Win. 209	Rem. RXP20	17.7 gr / 10,200 PSI	—
1 1/8 oz	Longshot	Win. 209	WAA20	18.1 gr / 11,400 PSI	—

## 20 GA., 3", WINCHESTER COMPRESSION-FORMED SUPER-X TYPE SHELLS

				1175 fps	1230 fps
1 1/8 oz	Longshot	Rem. 209P	Rem. RXP20	18.4 gr / 11,200 PSI	—
1 1/8 oz	Longshot	Rem. 209P	WAA20	18.0 gr / 11,200 PSI	—
1 1/8 oz	Longshot	Win. 209	Fed. 20S1	18.7 gr / 10,400 PSI	—
1 1/8 oz	Longshot	Win. 209	Rem. RXP20	18.5 gr / 10,500 PSI	20.0 gr / 11,800 PSI
1 1/8 oz	Longshot	Win. 209	WAA20	18.6 gr / 10,900 PSI	19.5 gr / 12,000 PSI
				1220 fps	
1 1/8 oz	HS-7	Rem. 209P	WAA20	27.0 gr / 11,200 LUP	
1 1/8 oz	HS-7	Win. 209	WAA20	27.0 gr / 11,100 LUP	
				1135 fps	
1 1/4 oz	HS-7	Rem. 209P	WAA20	24.0 gr / 11,000 LUP	
1 1/4 oz	HS-7	Win. 209	WAA20	24.0 gr / 10,900 LUP	

## 28 GA., 2 3/4", CHEDDITE PLASTIC SHELLS

				1200 fps	1225 fps	1250 fps	
3/4 oz	Universal	Ched. 209	Fed. 28S1	14.5 gr / 11,000 PSI	14.9 gr / 11,800 PSI	—	
3/4 oz	Universal	Ched. 209	Rem. PT28	14.5 gr / 10,700 PSI	15.2 gr / 11,700 PSI	15.4 gr / 12,300 PSI	
3/4 oz	Universal	Fio. 616	Fed. 28S1	14.2 gr / 11,300 PSI	14.4 gr / 12,400 PSI	—	
3/4 oz	Universal	Fio. 616	Rem. PT28	14.2 gr / 11,400 PSI	14.5 gr / 12,400 PSI	—	
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	Ched. 209	Fed. 28S1	15.2 gr / 10,300 PSI	15.6 gr / 10,800 PSI	16.0 gr / 11,300 PSI	16.4 gr / 11,800 PSI
3/4 oz	Longshot	Ched. 209	Rem. PT28	14.9 gr / 9,600 PSI	15.5 gr / 10,100 PSI	16.0 gr / 10,600 PSI	16.6 gr / 11,100 PSI
3/4 oz	Longshot	Fio. 616	Fed. 28S1	15.0 gr / 10,300 PSI	15.5 gr / 10,900 PSI	15.9 gr / 11,400 PSI	16.4 gr / 12,100 PSI
3/4 oz	Longshot	Fio. 616	Rem. PT28	15.1 gr / 9,400 PSI	15.6 gr / 10,000 PSI	16.1 gr / 10,500 PSI	16.6 gr / 11,100 PSI
				1200 fps			
13/16 oz	Universal	Ched. 209	Fed. 28S1	14.5 gr / 12,400 PSI			
13/16 oz	Universal	Ched. 209	Rem. PT28	14.7 gr / 12,500 PSI			
				1200 fps	1225 fps	1250 fps	1275 fps
13/16 oz	Longshot	Ched. 209	Fed. 28S1	15.2 gr / 10,800 PSI	15.6 gr / 11,400 PSI	16.0 gr / 12,100 PSI	—
13/16 oz	Longshot	Ched. 209	Rem. PT28	15.2 gr / 10,000 PSI	15.7 gr / 10,500 PSI	16.2 gr / 11,000 PSI	16.7 gr / 11,600 PSI
13/16 oz	Longshot	Fio. 616	Fed. 28S1	15.0 gr / 10,900 PSI	15.5 gr / 11,700 PSI	16.0 gr / 12,500 PSI	—
13/16 oz	Longshot	Fio. 616	Rem. PT28	14.9 gr / 10,300 PSI	15.4 gr / 10,400 PSI	15.8 gr / 11,400 PSI	16.3 gr / 12,000 PSI

## 28 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS

				1200 fps	1225 fps	1250 fps
3/4 oz	Universal	CCI 209SC	Fed. 28S1	14.3 gr / 10,600 PSI	15.1 gr / 11,400 PSI	15.3 gr / 11,800 PSI
3/4 oz	Universal	CCI 209SC	Rem. PT28	14.5 gr / 10,000 PSI	15.0 gr / 10,900 PSI	15.5 gr / 11,100 PSI
3/4 oz	Universal	Fed. 209A	Rem. PT28	14.2 gr / 11,400 PSI	—	—
3/4 oz	Universal	Win. 209	Fed. 28S1	14.5 gr / 10,700 PSI	15.0 gr / 11,500 PSI	15.5 gr / 12,400 PSI

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE		
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## 28 GA., 2 3/4", FEDERAL PLASTIC TARGET SHELLS CONT.

				1200 fps	1225 fps	1250 fps	
3/4 oz	Universal	Win. 209	PC28	14.8 gr / 10,700 PSI	15.2 gr / 11,300 PSI	15.6 gr / 11,900 PSI	
3/4 oz	Universal	Win. 209	Rem. PT28	14.5 gr / 10,200 PSI	15.2 gr / 10,900 PSI	15.8 gr / 11,700 PSI	
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	CCI209M	Fed. 28S1	15.3 gr / 10,000 PSI	15.8 gr / 10,600 PSI	16.3 gr / 11,200 PSI	16.8 gr / 11,800 PSI
3/4 oz	Longshot	CCI209M	Rem. PT28	15.5 gr / 9,900 PSI	15.9 gr / 10,600 PSI	16.3 gr / 11,200 PSI	16.6 gr / 11,700 PSI
3/4 oz	Longshot	Fed. 209A	Fed. 28S1	15.2 gr / 11,000 PSI	15.6 gr / 11,600 PSI	15.9 gr / 12,000 PSI	—
3/4 oz	Longshot	Fed. 209A	Rem. PT28	15.3 gr / 10,400 PSI	15.8 gr / 11,000 PSI	16.2 gr / 11,400 PSI	16.7 gr / 12,000 PSI
3/4 oz	Longshot	Rem. 209P	Fed. 28S1	15.1 gr / 10,500 PSI	15.6 gr / 11,100 PSI	16.0 gr / 11,500 PSI	16.5 gr / 12,000 PSI
3/4 oz	Longshot	Rem. 209P	Rem. PT28	15.1 gr / 9,800 PSI	15.6 gr / 10,400 PSI	16.1 gr / 11,000 PSI	16.6 gr / 11,800 PSI
3/4 oz	Longshot	Win. 209	Fed. 28S1	15.7 gr / 10,200 PSI	16.1 gr / 10,800 PSI	16.5 gr / 11,400 PSI	16.9 gr / 11,900 PSI
3/4 oz	Longshot	Win. 209	Rem. PT28	15.8 gr / 9,600 PSI	16.2 gr / 10,000 PSI	16.6 gr / 10,400 PSI	17.0 gr / 10,800 PSI
				1200 fps	1225 fps	1250 fps	
13/16 oz	Universal	CCI 209SC	Fed. 28S1	14.9 gr / 12,100 PSI	—	—	
13/16 oz	Universal	CCI 209SC	PC28	15.0 gr / 12,400 PSI	—	—	
13/16 oz	Universal	CCI 209SC	Rem. PT28	15.1 gr / 11,100 PSI	—	—	
13/16 oz	Universal	Win. 209	Fed. 28S1	14.9 gr / 12,300 PSI	—	—	
13/16 oz	Universal	Win. 209	PC28	14.9 gr / 12,000 PSI	—	—	
13/16 oz	Universal	Win. 209	Rem. PT28	14.9 gr / 11,600 PSI	—	—	
13/16 oz	Longshot	CCI209M	Fed. 28S1	15.5 gr / 11,400 PSI	—	—	
13/16 oz	Longshot	CCI209M	Rem. PT28	15.3 gr / 10,600 PSI	15.8 gr / 11,300 PSI	16.5 gr / 12,000 PSI	
13/16 oz	Longshot	Fed. 209A	Fed. 28S1	14.9 gr / 11,900 PSI	15.4 gr / 12,500 PSI	—	
13/16 oz	Longshot	Fed. 209A	Rem. PT28	15.2 gr / 10,900 PSI	15.6 gr / 11,500 PSI	16.0 gr / 12,200 PSI	
13/16 oz	Longshot	Rem. 209P	Fed. 28S1	14.7 gr / 11,800 PSI	15.0 gr / 12,200 PSI	—	
13/16 oz	Longshot	Rem. 209P	Rem. PT28	15.5 gr / 11,000 PSI	15.9 gr / 11,400 PSI	16.3 gr / 11,800 PSI	
13/16 oz	Longshot	Win. 209	Fed. 28S1	15.2 gr / 11,000 PSI	15.5 gr / 12,300 PSI	—	
13/16 oz	Longshot	Win. 209	Rem. PT28	15.7 gr / 10,200 PSI	16.1 gr / 10,900 PSI	16.5 gr / 11,500 PSI	
7/8 oz	HS-7	Rem. 209P	Rem. PT28	19.5 gr / 10,900 PSI	—	—	
7/8 oz	HS-7	Win. 209	PC28	19.2 gr / 10,700 PSI	—	—	

## 28 GA., 2 3/4", FIOCCHI PLASTIC TARGET SHELLS

				1200 fps	1225 fps	1250 fps	
3/4 oz	Universal	Fio. 616	Fed. 28S1	14.3 gr / 11,200 PSI	14.6 gr / 11,800 PSI	15.0 gr / 12,300 PSI	
3/4 oz	Universal	Fio. 616	PC28	14.2 gr / 10,900 PSI	14.8 gr / 11,300 PSI	15.2 gr / 11,800 PSI	
3/4 oz	Universal	Fio. 616	Rem. PT28	14.2 gr / 10,600 PSI	14.8 gr / 11,000 PSI	15.1 gr / 11,900 PSI	
				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	Ched. 209	Fed. 28S1	14.9 gr / 10,200 PSI	15.4 gr / 10,900 PSI	15.9 gr / 11,600 PSI	16.5 gr / 12,300 PSI
3/4 oz	Longshot	Ched. 209	Rem. PT28	15.1 gr / 9,800 PSI	15.6 gr / 10,400 PSI	16.1 gr / 10,900 PSI	16.5 gr / 11,400 PSI
3/4 oz	Longshot	Fio. 616	Fed. 28S1	15.1 gr / 10,700 PSI	15.5 gr / 11,300 PSI	15.9 gr / 11,800 PSI	16.2 gr / 12,300 PSI
3/4 oz	Longshot	Fio. 616	Rem. PT28	15.2 gr / 10,000 PSI	15.6 gr / 10,400 PSI	16.1 gr / 11,000 PSI	16.6 gr / 11,500 PSI
13/16 oz	Universal	Fio. 616	Fed. 28S1	14.5 gr / 12,400 PSI	—	—	—
13/16 oz	Universal	Fio. 616	PC28	14.5 gr / 12,100 PSI	—	—	—
13/16 oz	Universal	Fio. 616	Rem. PT28	15.0 gr / 11,900 PSI	—	—	—
				1200 fps	1225 fps	1250 fps	1275 fps
13/16 oz	Longshot	Ched. 209	Fed. 28S1	14.7 gr / 11,300 PSI	15.2 gr / 11,900 PSI	15.7 gr / 12,500 PSI	—
13/16 oz	Longshot	Ched. 209	Rem. PT28	15.3 gr / 10,700 PSI	15.6 gr / 11,100 PSI	16.0 gr / 11,700 PSI	16.5 gr / 12,300 PSI
13/16 oz	Longshot	Fio. 616	Fed. 28S1	14.8 gr / 11,300 PSI	15.3 gr / 11,800 PSI	15.9 gr / 12,500 PSI	—

# SHOTSHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE			
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## 28 GA., 2 3/4", FIOCCHI PLASTIC TARGET SHELLS CONT.

				1200 fps	1225 fps	1250 fps	1275 fps
13/16 oz	Longshot	Fio. 616	Rem. PT28	15.0 gr / 10,600 PSI	15.4 gr / 11,200 PSI	15.8 gr / 11,800 PSI	16.2 gr / 12,400 PSI
7/8 oz	HS-7	Rem. 209P	PC28	19.0 gr / 10,100 PSI	—	—	—
7/8 oz	HS-7	Win. 209	Rem. PT28	19.5 gr / 11,100 PSI	—	—	—

## 28 GA., 2 3/4", REMINGTON STS PLASTIC SHELLS

				1200 fps			
3/4 oz	Universal	CCI 209SC	PC28	13.6 gr / 12,200 PSI			
3/4 oz	Universal	CCI 209SC	Rem. PT28	13.8 gr / 12,100 PSI			
3/4 oz	Universal	CCI 209SC	WAA28	13.8 gr / 11,600 PSI			
3/4 oz	Universal	Fed. 209A	WAA28	13.5 gr / 12,200 PSI			
3/4 oz	Universal	Rem. 209P	PC28	13.6 gr / 12,000 PSI			
3/4 oz	Universal	Rem. 209P	Rem. PT28	13.8 gr / 12,000 PSI			
3/4 oz	Universal	Rem. 209P	WAA28	13.9 gr / 11,700 PSI			
3/4 oz	Universal	Win. 209	PC28	13.5 gr / 12,400 PSI			
3/4 oz	Universal	Win. 209	Rem. PT28	13.8 gr / 12,100 PSI			
3/4 oz	Universal	Win. 209	WAA28	13.8 gr / 11,500 PSI			
3/4 oz	HS-6	CCI 209SC	Rem. PT28	17.0 gr / 10,900 PSI			
3/4 oz	HS-6	CCI 209SC	WAA28	17.0 gr / 10,300 PSI			
3/4 oz	HS-6	Fed. 209A	Rem. PT28	16.7 gr / 11,700 PSI			
3/4 oz	HS-6	Fed. 209A	WAA28	16.7 gr / 11,000 PSI			
3/4 oz	HS-6	Rem. 209P	Rem. PT28	17.1 gr / 11,000 PSI			
3/4 oz	HS-6	Rem. 209P	WAA28	17.1 gr / 10,400 PSI			
3/4 oz	HS-6	Win. 209	Rem. PT28	17.0 gr / 11,500 PSI			
3/4 oz	HS-6	Win. 209	WAA28	17.0 gr / 10,700 PSI			

				1225 fps	1250 fps	1275 fps	1300 fps
3/4 oz	Longshot	CCI209M	PC 28	14.4 gr / 12,000 PSI	14.9 gr / 12,300 PSI	—	—
3/4 oz	Longshot	CCI209M	Rem. PT28	14.1 gr / 11,100 PSI	14.6 gr / 11,900 PSI	—	—
3/4 oz	Longshot	CCI209M	WAA28	14.4 gr / 11,500 PSI	14.9 gr / 11,900 PSI	15.4 gr / 12,400 PSI	—
3/4 oz	Longshot	Fed. 209A	PC 28	14.3 gr / 12,000 PSI	—	—	—
3/4 oz	Longshot	Fed. 209A	Rem. PT28	14.0 gr / 11,700 PSI	15.3 gr / 12,500 PSI	—	—
3/4 oz	Longshot	Fed. 209A	WAA28	14.2 gr / 11,200 PSI	14.7 gr / 12,000 PSI	—	—
3/4 oz	Longshot	Rem. 209P	PC 28	14.5 gr / 11,200 PSI	15.0 gr / 11,800 PSI	15.5 gr / 12,300 PSI	—
3/4 oz	Longshot	Rem. 209P	Rem. PT28	14.3 gr / 11,300 PSI	14.9 gr / 12,000 PSI	15.4 gr / 12,500 PSI	—
3/4 oz	Longshot	Rem. 209P	WAA28	14.3 gr / 11,000 PSI	14.8 gr / 11,600 PSI	15.2 gr / 12,000 PSI	15.6 gr / 12,400 PSI
3/4 oz	Longshot	Win. 209	PC 28	14.9 gr / 10,900 PSI	15.4 gr / 11,600 PSI	15.8 gr / 12,100 PSI	—
3/4 oz	Longshot	Win. 209	Rem. PT28	14.7 gr / 10,900 PSI	15.3 gr / 11,300 PSI	15.9 gr / 11,900 PSI	16.4 gr / 12,300 PSI
3/4 oz	Longshot	Win. 209	WAA28	14.5 gr / 10,700 PSI	15.1 gr / 11,200 PSI	15.6 gr / 11,600 PSI	16.2 gr / 12,200 PSI

## 28 GA., 2 3/4", REMINGTON PREMIER UNIBODY SHELLS

				1200 fps			
3/4 oz	Universal	CCI 209	PC28	14.0 gr / 10,000 PSI			
3/4 oz	Universal	Rem. 209P	Rem. PT28	14.3 gr / 10,200 PSI			
3/4 oz	Universal	Win. 209	Fed. 28S1	14.0 gr / 11,400 PSI			
3/4 oz	Universal	Win. 209	WAA28	13.8 gr / 10,600 PSI			

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
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## 28 GA., 2 3/4", REMINGTON PLASTIC TARGET SHELLS

1200 fps

3/4 oz	Universal	Rem. 209P	Rem. PT28	13.8 gr / 11,600 PSI
3/4 oz	Universal	Win. 209	PC28	13.7 gr / 10,900 PSI

## 28 GA., 2 3/4", WINCHESTER AA PLASTIC SHELLS

1200 fps

1225 fps

1250 fps

3/4 oz	Universal	CCI 209SC	PC28	13.0 gr / 12,000 PSI	—	—
3/4 oz	Universal	CCI 209SC	Rem. PT28	13.2 gr / 12,200 PSI	—	—
3/4 oz	Universal	CCI 209SC	WAA28	13.0 gr / 12,400 PSI	—	—
3/4 oz	Universal	Rem. 209P	Rem. PT28	13.2 gr / 11,900 PSI	—	—
3/4 oz	Universal	Win. 209	WAA28	13.0 gr / 10,800 PSI	—	—
3/4 oz	Universal	Win. 209	PC28	13.2 gr / 11,900 PSI	—	—
3/4 oz	HS-6	CCI 209SC	WAA28	16.6 gr / 11,500 PSI	—	—
3/4 oz	HS-6	Rem. 209P	PC28	16.4 gr / 12,400 PSI	—	—
3/4 oz	HS-6	Rem. 209P	WAA28	17.1 gr / 10,900 PSI	17.5 gr / 11,800 PSI	17.8 gr / 12,100 PSI
3/4 oz	HS-6	Win. 209	Rem. PT28	16.7 gr / 12,000 PSI	—	—
3/4 oz	HS-6	Win. 209	WAA28	17.1 gr / 10,900 PSI	17.5 gr / 11,600 PSI	17.9 gr / 12,300 PSI

1225 fps

1250 fps

1275 fps

3/4 oz	Longshot	CCI209M	PC 28	14.1 gr / 12,200 PSI	—	—
3/4 oz	Longshot	CCI209M	Rem. PT28	14.1 gr / 12,000 PSI	—	—
3/4 oz	Longshot	CCI209M	WAA28	14.1 gr / 12,100 PSI	—	—
3/4 oz	Longshot	Fed. 209A	PC 28	14.2 gr / 12,100 PSI	—	—
3/4 oz	Longshot	Fed. 209A	Rem. PT28	14.4 gr / 12,300 PSI	—	—
3/4 oz	Longshot	Fed. 209A	WAA28	14.0 gr / 11,900 PSI	—	—
3/4 oz	Longshot	Rem. 209P	PC 28	14.0 gr / 12,300 PSI	—	—
3/4 oz	Longshot	Rem. 209P	Rem. PT28	14.2 gr / 11,300 PSI	14.6 gr / 12,200 PSI	—
3/4 oz	Longshot	Rem. 209P	WAA28	14.2 gr / 11,900 PSI	—	—
3/4 oz	Longshot	Win. 209	PC 28	14.6 gr / 11,700 PSI	15.0 gr / 12,300 PSI	—
3/4 oz	Longshot	Win. 209	Rem. PT28	14.4 gr / 11,300 PSI	15.0 gr / 12,000 PSI	15.5 gr / 12,300 PSI
3/4 oz	Longshot	Win. 209	WAA28	14.3 gr / 11,300 PSI	15.1 gr / 12,100 PSI	—

## 410 BORE, 2 1/2", CHEDDITE PLASTIC SHELLS

1200 fps

1225 fps

1/2 oz	LIL'GUN	Ched. 209	Fed. 410SC	13.0 gr / 11,100 PSI	13.3 gr / 12,000 PSI
1/2 oz	LIL'GUN	Ched. 209	Rem. SP410	12.8 gr / 11,400 PSI	13.1 gr / 11,800 PSI
1/2 oz	LIL'GUN	Fio. 616	Fed. 410SC	13.0 gr / 11,600 PSI	13.3 gr / 11,900 PSI
1/2 oz	LIL'GUN	Fio. 616	Rem. SP410	12.7 gr / 11,200 PSI	13.0 gr / 12,300 PSI
1/2 oz	H110	Ched. 209	Fed. 410SC	15.7 gr / 8,700 PSI	16.0 gr / 9,900 PSI
1/2 oz	H110	Ched. 209	Rem. SP410	15.5 gr / 8,800 PSI	15.7 gr / 9,800 PSI

## 410 BORE, 2 1/2", FEDERAL TARGET SHELLS

1200 fps

1/2 oz	LIL'GUN	CCI 209SC	Fed. 410SC	12.9 gr / 11,800 PSI
1/2 oz	LIL'GUN	CCI 209SC	Rem. SP410	12.8 gr / 11,400 PSI
1/2 oz	LIL'GUN	CCI 209SC	WAA41	12.8 gr / 11,700 PSI
1/2 oz	LIL'GUN	Fed. 209A	Fed. 410SC	12.9 gr / 11,800 PSI
1/2 oz	LIL'GUN	Fed. 209A	Rem. SP410	13.0 gr / 11,700 PSI
1/2 oz	LIL'GUN	Fed. 209A	WAA41	13.0 gr / 11,100 PSI

# SHOT SHELL DATA

SHOT	POWDER	PRIMER	WAD	CHARGE/PRESSURE
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## 410 BORE, 2 1/2", FEDERAL TARGET SHELLS CONT.

1200 fps

1/2 oz	LIL'GUN	Rem. 209P	Fed. 410SC	13.0 gr / 11,000 PSI
1/2 oz	LIL'GUN	Rem. 209P	Rem. SP410	13.1 gr / 11,200 PSI
1/2 oz	LIL'GUN	Rem. 209P	WAA41	13.1 gr / 10,800 PSI
1/2 oz	LIL'GUN	Win. 209	Fed. 410SC	12.9 gr / 11,600 PSI
1/2 oz	LIL'GUN	Win. 209	Orange PC	12.8 gr / 11,500 PSI
1/2 oz	LIL'GUN	Win. 209	Rem. SP410	12.8 gr / 11,700 PSI
1/2 oz	LIL'GUN	Win. 209	WAA41	12.8 gr / 11,700 PSI
1/2 oz	H110	Fed. 209A	Fed. 410SC	15.0 gr / 10,200 PSI
1/2 oz	H110	Fed. 209A	Orange PC	15.5 gr / 8,500 PSI
1/2 oz	H110	Win. 209	Orange PC	15.5 gr / 8,400 PSI
1/2 oz	H110	Win. 209	WAA41	15.0 gr / 9,700 PSI

## 410 BORE, 2 1/2", REMINGTON-PETERS "SP" PLASTIC SHELLS

1200 fps

1/2 oz	LIL'GUN	Rem. 209P	Rem. SP410	13.0 gr / 10,900 PSI
1/2 oz	LIL'GUN	Rem. 209P	WAA41	13.1 gr / 10,200 PSI
1/2 oz	LIL'GUN	Win. 209	Rem. SP410	12.7 gr / 11,700 PSI
1/2 oz	LIL'GUN	Win. 209	WAA41	12.8 gr / 11,600 PSI
1/2 oz	H110	Rem. 209P	Rem. SP410	15.0 gr / 9,400 PSI
1/2 oz	H110	Rem. 209P	Fed. 410SC	15.0 gr / 9,500 PSI
1/2 oz	H110	Rem. 209P	Orange PC	16.5 gr / 7,000 PSI

## 410 BORE, 2 1/2", REMINGTON-PETERS "STS" PLASTIC SHELLS

1200 fps

1/2 oz	LIL'GUN	CCI 209SC	Fed. 410SC	12.9 gr / 11,800 PSI
1/2 oz	LIL'GUN	CCI 209SC	Orange PC	13.0 gr / 11,300 PSI
1/2 oz	LIL'GUN	CCI 209SC	Rem. SP410	12.9 gr / 11,600 PSI
1/2 oz	LIL'GUN	CCI 209SC	WAA41	12.8 gr / 11,300 PSI
1/2 oz	LIL'GUN	Fed. 209A	Fed. 410SC	12.9 gr / 11,600 PSI
1/2 oz	LIL'GUN	Fed. 209A	Orange PC	13.1 gr / 11,000 PSI
1/2 oz	LIL'GUN	Fed. 209A	Rem. SP410	12.9 gr / 10,900 PSI
1/2 oz	LIL'GUN	Fed. 209A	WAA41	12.9 gr / 11,200 PSI
1/2 oz	LIL'GUN	Rem. 209P	Fed. 410SC	13.0 gr / 11,000 PSI
1/2 oz	LIL'GUN	Rem. 209P	Orange PC	13.3 gr / 10,400 PSI
1/2 oz	LIL'GUN	Rem. 209P	Rem. SP410	13.2 gr / 10,800 PSI
1/2 oz	LIL'GUN	Rem. 209P	WAA41	13.0 gr / 10,600 PSI
1/2 oz	LIL'GUN	Win. 209	Fed. 410SC	12.6 gr / 11,800 PSI
1/2 oz	LIL'GUN	Win. 209	Orange PC	12.9 gr / 11,100 PSI
1/2 oz	LIL'GUN	Win. 209	Rem. SP410	12.6 gr / 11,600 PSI
1/2 oz	LIL'GUN	Win. 209	WAA41	12.9 gr / 11,500 PSI
1/2 oz	H110	Fed. 209A	Fed. 410SC	14.2 gr / 10,600 PSI
1/2 oz	H110	Rem. 209P	Fed. 410SC	14.7 gr / 9,600 PSI
1/2 oz	H110	Rem. 209P	Orange PC	15.2 gr / 9,300 PSI
1/2 oz	H110	Rem. 209P	Rem. SP410	14.8 gr / 8,900 PSI
1/2 oz	H110	Win. 209	WAA41	14.0 gr / 10,000 PSI



# NOTES



## HODGDON

### *Cowboy Action Data Manual - 3rd Edition*

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Hodgdon's complimentary Cowboy Action Data Manual is the only manual available that was prepared for the sole purpose of Cowboy Action Shooting. The data includes the following:

- Smokeless pistol, carbine, long-range rifle and shotgun data.
- Pyrodex® pistol, rifle and shotgun loads.
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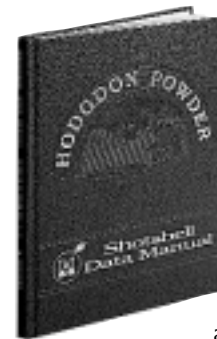
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