

ABOUT US

MANUFACTURERS OF THE ULTIMATE CARTRIDGES FOR GAME & CLAY SINCE 1973

INNOVATION

Our continued dedication to innovation within our industry means our manufacturing process involves only the very best components. Our unique Diamond Shot® is made using our very own technique in the UK's only working shot tower. Developed and manufactured in-house and found exclusively in Gamebore® ammunition, the Quad Seal® and Bio-Wad® give our products the edge.

STANDARDS

We are the only UK cartridge manufacturer to hold quality standard BS EN ISO 9001-2015 certification. These standards apply to our lead and bismuth shot making, the injection moulding of plastic and biodegradable wads, cartridge assembly, printing and packaging. Attention to detail, strict quality control and rigorous testing guarantees quality, performance and consistency throughout our range.

DEVELOPMENT

The development process of our ammunition ensures that we provide a full range of products for shooters at every stage of their advancement, from beginners to world champions. From initial concept to development and manufacture, our process involves equal thought to the shooter, the gun type and the target as well as considerations such as environmental impact.

THE FACTORY

Innovation, quality, performance, attention to detail and customer satisfaction, these are all qualities that are recognised internationally to be synonymous with the Gamebore® brand. Our state of the art manufacturing plant houses the most technologically advanced machinery available, allowing efficient production without any compromise on quality.

INVESTMENT

Committed to investing in improved technology, we have our own dedicated research and development team striving to innovate and advance our brand. Our objective is to manufacture more cartridge components in-house, lessening the reliance on overseas suppliers and increasing our efficiency. The only UK cartridge manufacturer with shot and wad making capabilities, we aim to handle as many aspects of the overall cartridge production process as possible, here on home soil.

ACCOLADES

Our renowned Black Gold® range is the most highly decorated in the UK, with more industry awards voted for by the shooting public and industry figures than any other game cartridge. Meanwhile in the clay shooting domain with no less than 28 World Championship titles thanks to George Digweed MBE, our White Gold® cartridge is the most successful clay load.

SHOOTERS

Gamebore® shooters from both the Game and Clay disciplines aim to maintain the ethics of good sportsmanship, style, flair and an understanding of the sport. They appreciate the fine detail of our inimitable loads which help to propel them to where they want to be - at the top of their game.



UER
ULTIMATE EXTENDED RANGE



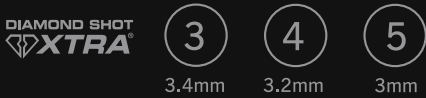
12G BLACK GOLD UER WITH BIO-WAD®

ULTIMATE PERFORMANCE GAME LOAD

OVERVIEW

The latest addition to our Powerhouse Division; Black Gold® Game UER incorporates the most technologically advanced components we have ever developed, accomplishing a level of performance never achieved before.

Precision-made Diamond Shot® Xtra and exclusively blended powders, combined with Bio-Wad® and Quad Seal® technology, take the renowned Black Gold® range to the next level and beyond.



Continental sized Diamond Shot® Xtra



| TECHNICAL DATA | | | | | |
|--------------------------|----------|-----------|----------|-----------|----------|
| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
| 12g Black Gold® Game UER | 32 | 4, 5 | Bio-Wad® | 20/70 HD | 1475 |
| 12g Black Gold® Game UER | 36 | 3, 4, 5 | Bio-Wad® | 20/70 HD | 1460 |

TECHNOLOGY OVERVIEW

High Density Wad

2.5x heavier than a plastic wad for prolonged drop-off point and tighter patterns at extended range

2.5x



Velocity

The pinnacle in performance with a velocity of 1475 Feet Per Second (FPS)

1475fps

Quad Seal®

Exclusive 4 Ring Gas Seal

4

Diamond Shot® Xtra

Our harder precision lead shot, graded 7 times

7x

BIO-WAD® AND QUAD SEAL®



30 DAY INFIELD BIODEGRADATION

Injection moulded at Gamebore® using a 100% environmentally friendly and hydro soluble material which is approved and accepted by estate managers and landowners, thanks to its quick biodegradation time and reduced visual impact in the field. The Bio-Wad® and Quad Seal® biodegrade over 10x faster than any traditional fibre wad on the market.

As an innovative, technology-driven company, our main aim when developing the Bio-Wad® and Quad Seal® was to advance ballistic performance and shooter's comfort. We achieved this whilst also creating a product that helps to protect the environment.

THE GREEN CREDENTIALS

Gamebore's 100% water-soluble Bio-Wad® and Quad Seal® material is fully biodegradable, conforming to the CEN 13432 European standard for compostability.

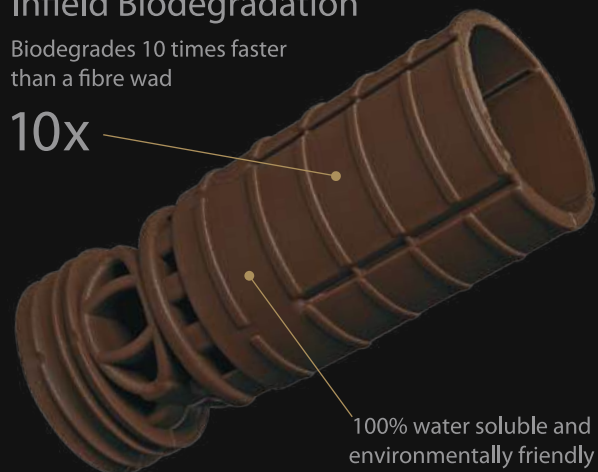
This standard covers:

- Ecotoxicity (does not impede plant growth)
- Heavy metal content (does not contain heavy metals above the permitted level)
- Biodegradability ISO 14851 (conducted in an aqueous environment)
- Disintegration - Compost (breaks down passing through a 2mm sieve after 12 weeks composting)

Infield Biodegradation

Biodegrades 10 times faster than a fibre wad

10x



100% water soluble and environmentally friendly

100%



BIO-WAD



INFIELD BIODEGRADATION

QUAD SEAL®



UER
ULTIMATE EXTENDED
RANGE

BIO-WAD

0-0
30
DAY
INFIELD
BIODEGRADATION

INDUSTRY LEADING TECHNOLOGY
PROVEN IN THE FIELD

QUAD SEAL

DIAMOND SHOT
XTRA

CX2000
PRIMER

EXTENDED
RANGE



"Gamebore's Research & Development team continually strives for perfection, delivering the highest performing, most consistent game loads available. I choose to both use and recommend Gamebore's Dark Storm Quad Seal ammunition as I believe, without doubt, they are the best in the World".

Simon Ward

A word from renowned high bird specialist Simon Ward



12G DARK STORM® BISMUTH

ULTIMATE PERFORMANCE GAME LOAD

Overview

The latest addition to our award winning Dark Storm® with Quad Seal® range, our ultra high performance Bismuth HD game load has been developed especially for the most testing of high birds. Delivering a 15% higher performance than its Steel counterpart, 12G Dark Storm® Bismuth HD is the ultimate in non-lead ammunition for game.

Bismuth HD shot is produced and perfected here at Gamebore® using our unique, patented process which ensures malleable shot with no breakdown, compared with Bismuth shot made using the traditional technique. Our groundbreaking Quad Seal® technology gives low recoil yet higher velocity coupled with outstanding patterns and devastating knock-down at long range.

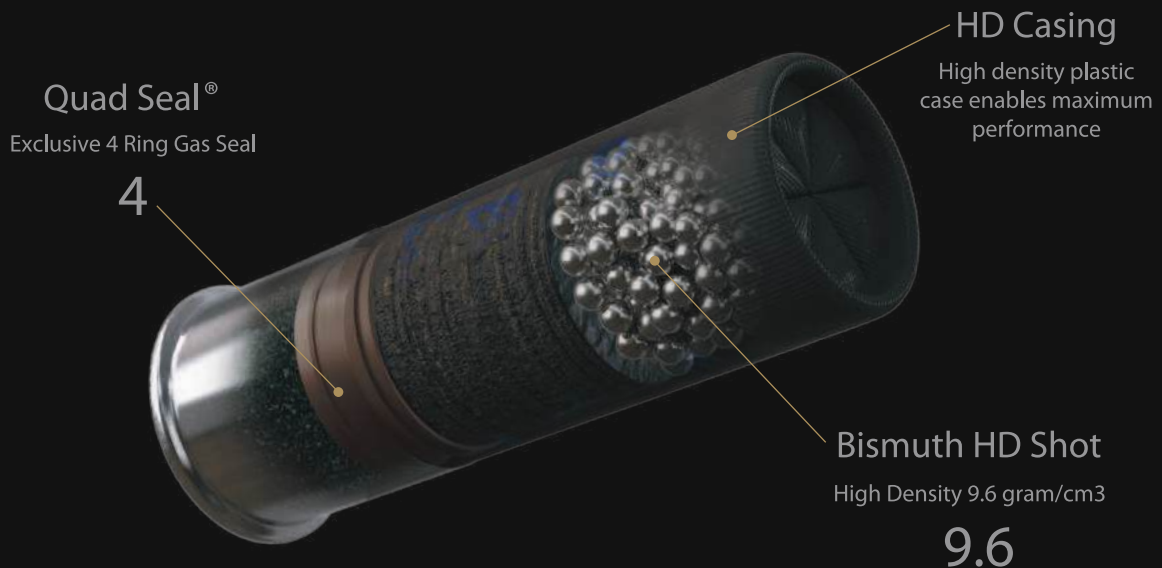
With a High Density of 9.6, Gamebore® Bismuth HD premium loads work just like lead and can be used in all shotguns with any choke. We recommend that one size larger shot is used compared with your preferred lead load, to maintain distance and energy.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|-------------------------|----------|-----------|----------|-----------|----------|
| 12g Dark Storm® Bismuth | 32 | 3, 4 | Fibre QS | 20/70 | 1450 |
| 12g Dark Storm® Bismuth | 34 | 3, 4 | Fibre QS | 20/70 | 1425 |

TECHNOLOGY OVERVIEW



BLACK GOLD® DARK STORM®

THE ULTIMATE GAME CARTRIDGE



12G DARK STORM® WITH QUAD SEAL®

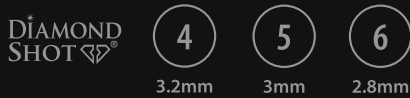
ULTIMATE PERFORMANCE GAME LOAD

Overview

Taking the legendary performance of Dark Storm® Game even further, the Quad Seal® technology delivers never seen before knock-down power where it matters most; down range.

Designed and developed in-house, our patented Quad Seal® gives improved ballistic consistency, noticeably reduced recoil and increased striking energy. Plus it is fully biodegradable and 100% environmentally friendly.

Combined with precision-made Diamond Shot® and our exclusively blended powders, Dark Storm® with Quad Seal® takes the renowned Black Gold® range to the next level and beyond.



Continental sized Diamond Shot®



| TECHNICAL DATA | | | | | |
|----------------------|----------|-----------|----------|-----------|----------|
| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
| 12g Dark Storm® Game | 28 | 4, 5, 6 | Fibre QS | 20/70 | 1525 |
| 12g Dark Storm® Game | 30 | 4, 5, 6 | Fibre QS | 20/70 | 1490 |
| 12g Dark Storm® Game | 32 | 4, 5, 6 | Fibre QS | 20/70 | 1475 |
| 12g Dark Storm® Game | 34 | 4, 5 | Fibre QS | 20/70 | 1470 |
| 12g Dark Storm® Game | 36 | 4, 5 | Fibre QS | 20/70 | 1460 |

TECHNOLOGY OVERVIEW

Velocity

Ultra high performance with a muzzle velocity of up to 1525 Feet Per Second (FPS)

1525fps

HD Casing

High density plastic case enables maximum performance



Diamond Shot®

Our precision lead shot produced at Gamebore® graded 5 times

Quad Seal®

Exclusive 4 Ring Gas Seal

4

5x

DARK STORM® PRECISION STEEL

STANDARD AND HIGH PERFORMANCE STEEL

Overview

Building on the Quad Seal® design, the Bio-Wad® is a new full cup wad utilising the same cutting-edge material which is 100% environmentally safe.

It incorporates all the benefits of the Quad Seal® with the addition of a new and unique cup section. The Bio-Wad® has petals with newly designed, exclusive 45 degree overlapping edges, giving complete barrel protection. Manufactured in-house by Gamebore®, the new Bio-Wad® is specifically designed for steel shot.

Dark Storm® Precision Steel is loaded with 32gms of shot in 3 (High Performance Steel), 4 and 5 (Standard Performance Steel) in a 20/70mm HD case.



PRECISION STEEL

3
3.5mm

4
3.25mm

5
3mm



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | MUZZLE VELOCITY FPS | VELOCITY MPS V1 |
|---------------------------------|----------|-----------|----------|-----------|---------------------|-----------------|
| 12g Dark Storm® Precision Steel | 32 | 4, 5 | Bio-Wad® | 20/70 | 1400 | 400 |
| 12g Dark Storm® Precision Steel | 32 | 3 | Bio-Wad® | 20/70 | 1490 | 430 HP |

Standard Steel Guidance

Standard Steel shotgun ammunition can be used in any shotgun (other than Damascus/twist barrelled guns), in good order, bearing any London or Birmingham proof symbols 1954 onwards. For pre 1954 shotguns guidance will be needed from the British Proof Authority. The shotgun must be chambered for the case length of the ammunition as a minimum. Longer chamber lengths can be used with shorter ammunition.

* For overseas markets please check gun proof marks with your local proof house.

High Performance Steel Guidance

High Performance Steel ammunition can only be used in shotguns bearing a CIP 'Fleur de Lys' proof mark **CIP recommends MAXIMUM choke of half (.5mm) for shot sized 4mm and larger however we strongly advise half choke MAXIMUM on all of the above products.**

"For Guns who are sceptical about using steel we have no hesitation recommending and endorsing Dark Storm Precision Steel Bio-Wad 3's and 4's. They are hugely effective on our high birds. We have shot many days with the majority of our Guns using steel and with one exception, all have been thrilled with the results! Most Guns have converted to using steel on other shoots, not just at Warter. Well done Gamebore on a super product".

Frank Croft, Head Keeper at the Warter Priory Estate



DARK STORM® PRECISION STEEL 3"

Overview

Manufactured in-house by Gamebore®, the Bio-Wad® takes all the benefits of the Quad Seal® technology with its incredible gas seal allowing Gamebore's exclusively blended powders to burn cleanly for maximum pressure, and incorporates a new and unique cup section for steel shot.

The Dark Storm® Precision Steel with Bio-Wad® cartridges have a high-tech design featuring four petals with unique 45 degree overlapping edges for complete barrel protection on pellet setback, plus ribbing for reduced surface friction and extra overall barrel protection.

The high strength of the Bio-Wad® material means we can load high-performance steel cartridges for guns with the appropriate Fleur de Lys proof marks.



PRECISION STEEL

1 4mm **2** 3.81mm **3** 3.5mm



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | MUZZLE VELOCITY FPS | VELOCITY MPS V1 |
|------------------------------------|----------|-----------|----------|-----------|---------------------|-----------------|
| 12g Dark Storm® Precision Steel 3" | 35 | 1, 2, 3 | Bio-Wad® | 20/76 | 1460 | 425 HP |

TECHNOLOGY OVERVIEW

Ribbed
For reduced surface friction and improved barrel protection

Bio-Wad®
Eco-Friendly
100%

Quad Seal®
Exclusive 4 Ring Gas Seal

4

Wad Petals
Cut at 45° to ensure full barrel protection on pellet setback

45°



20G BLACK GOLD®

HIGH PERFORMANCE GAME LOAD

Overview

The multi award winning Black Gold® Game load has been carefully developed to deliver the ultimate performance in 20 gauge guns. Black Gold® Game loads are ballistically tailored to produce devastating kills on those fast and long range birds. This is simply the highest performance 20 gauge game load on the market, utilising cutting edge propellants coupled with our unique Diamond Shot® to deliver blistering performance without the recoil.



DIAMOND SHOT®

| | | |
|-------|-----|-------|
| 4.5 | 5 | 6 |
| 3.1mm | 3mm | 2.8mm |

Continental sized Diamond Shot®



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|----------------------|----------|-----------|-------|-----------|----------|
| 20g Black Gold® Game | 28 | 5, 6 | Fibre | 16/70 | 1425 |
| 20g Black Gold® Game | 30 | 5, 6 | Fibre | 16/70 | 1425 |
| 20g Black Gold® Game | 32 | 4.5, 5 | Fibre | 16/70 | 1425 |
| 20g Black Gold® Game | 34 | 4.5 | Fibre | 16/70 | 1425 |





20G BLACK GOLD STEEL

STANDARD PERFORMANCE STEEL

Overview

20G Black Gold® Game Precision Steel cartridges utilise the high-tech design Bio-Wad® featuring four petals with unique 45 degree overlapping edges for complete barrel protection on pellet setback, plus ribbing for reduced surface friction and extra overall barrel protection.

The high strength of the Bio-Wad® material means we can load not only standard steel loads but also high-performance steel cartridges for guns with the appropriate Fleur de Lys proof marks.

Our precision steel shot is manufactured to ensure absolute consistency of size and sphericity and produces a non toxic alternative to lead shot with no compromise on results.



PRECISION STEEL

4

3mm

5

2.8mm



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | MUZZLE VELOCITY FPS | VELOCITY MPS V1 |
|----------------------------|----------|-----------|----------|-----------|---------------------|-----------------|
| 12g Black Gold® Game Steel | 24 | 4, 5 | Bio-Wad® | 16/70 | 1400 | 400 |

Standard Steel Guidance

Standard Steel shotgun ammunition can be used in any shotgun (other than Damascus/twist barrelled guns), in good order, bearing any London or Birmingham proof symbols 1954 onwards. For pre 1954 shotguns guidance will be needed from the British Proof Authority. The shotgun must be chambered for the case length of the ammunition as a minimum. Longer chamber lengths can be used with shorter ammunition.

* For overseas markets please check gun proof marks with your local proof house.





12G GROUSE EXTREME

THE ULTIMATE LOAD FOR GROUSE

Overview

Building on the legendary performance of our award winning Black Gold®, Grouse Extreme delivers the ultimate performance on this most testing of game birds. Using our unique and exclusive Diamond Shot® and Quad Seal®, and powered by RS Propellant, these cartridges are smooth, easy on the shoulder and effective beyond words.



DIAMOND SHOT®

5.5 2.75mm

6 2.6mm

English sized Diamond Shot®



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|--------------------|----------|-----------|----------|-----------|----------|
| 12g Grouse Extreme | 29 | 5.5, 6 | Fibre QS | 12/65 | 1450 |
| 12g Grouse Extreme | 31 | 5.5, 6 | Fibre QS | 20/65 | 1450 |
| 12g Grouse Extreme | 33 | 5.5 | Fibre QS | 20/70 | 1450 |

TECHNOLOGY OVERVIEW

Velocity

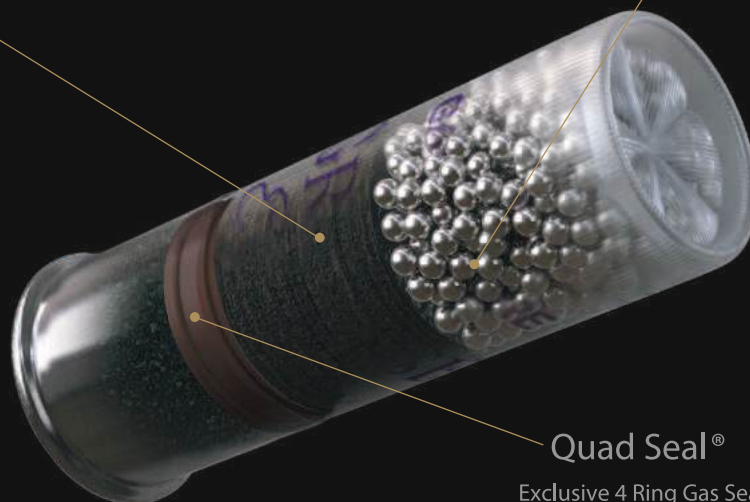
High performance with a velocity of 1450 Feet Per Second (FPS)

1450fps

Diamond Shot®

Our precision shot produced at Gamebore® graded 5 times

5x



Quad Seal®

Exclusive 4 Ring Gas Seal

4



12G REGAL STEEL GAME 2½"

STANDARD PERFORMANCE STEEL

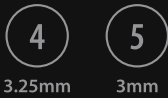
Overview

Introducing the all new, crimp closed 2½" steel game cartridge from Gamebore®, designed to give the ultimate consistency and performance in a traditional standard steel load cartridge.

The Gen II Bio-Wad® incorporates overlapping petals and a ribbed design to keep the body of the wad away from the barrel walls for reduced friction with less recoil and complete barrel protection. The water soluble, fully biodegradable and environmentally certified wad is now in brown to lessen the visual impact as it breaks down in the field.



PRECISION STEEL



TECHNICAL DATA

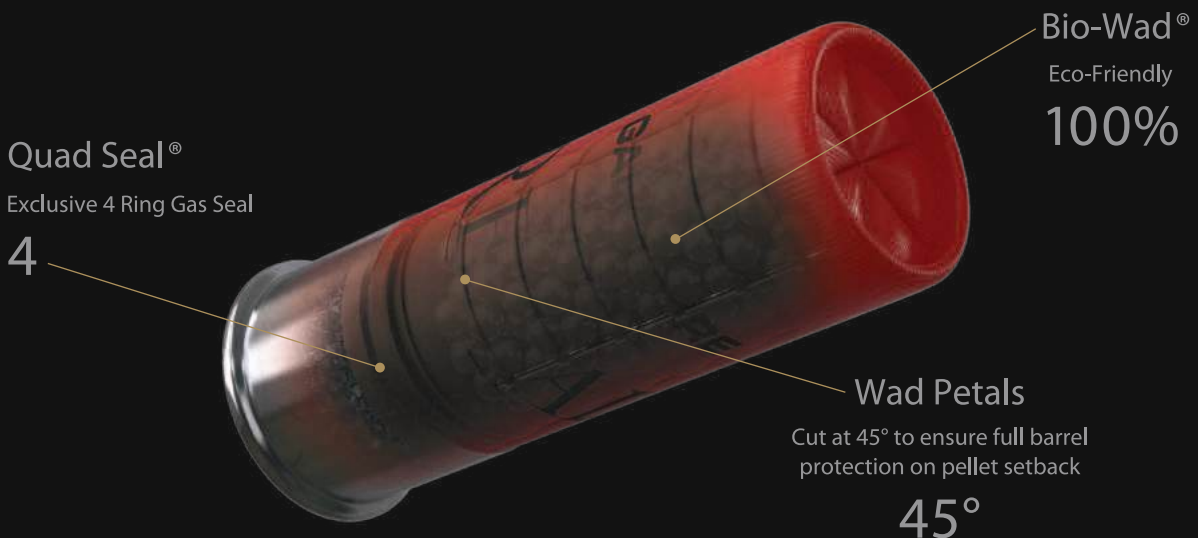
| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | MUZZLE VELOCITY FPS | VELOCITY MPS V1 |
|----------------------|----------|-----------|----------|-----------|---------------------|-----------------|
| 12g Regal Steel Game | 30 | 4, 5 | Bio-Wad® | 16/70 | 1400 | 400 |

Standard Steel Guidance

Standard Steel shotgun ammunition can be used in any shotgun (other than Damascus/twist barrelled guns), in good order, bearing any London or Birmingham proof symbols 1954 onwards. For pre 1954 shotguns guidance will be needed from the British Proof Authority. The shotgun must be chambered for the case length of the ammunition as a minimum. Longer chamber lengths can be used with shorter ammunition.

* For overseas markets please check gun proof marks with your local proof house.

TECHNOLOGY OVERVIEW



12G REGAL GAME

Overview

The Regal Game is a true 2½" (65mm) game cartridge incorporating all the latest technology and performance of its 2¾" cousins to give the game shooter the edge over old 'traditional' 2½" loads. Loaded in a new high quality red case with a nickel head for clean ejection and Diamond Shot® in true English sizes for perfect patterns, this takes the traditional game cartridge to the next level.

Specially blended powders deliver smooth recoil in lightweight guns with downrange speed and performance which simply cannot be equalled, providing complete confidence to the shooter whatever the quarry.



DIAMOND SHOT®

5 2.8mm 6 2.6mm

English sized Diamond Shot®



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|----------------|---------------|-----------|-------|-----------|----------|
| 12g Regal Game | 28 | 5, 6 | Fibre | 16/65 | 1425 |
| 12g Regal Game | 28 Paper Case | 6 | Fibre | 16/65 | 1425 |
| 12g Regal Game | 30 | 5, 6 | Fibre | 16/65 | 1425 |
| 12g Regal Game | 30 Paper Case | 5, 6 | Fibre | 16/65 | 1425 |
| 12g Regal Game | 32 | 5, 6 | Fibre | 16/65 | 1425 |
| 12g Regal Game | 32 Paper Case | 5 | Fibre | 16/65 | 1425 |

16G REGAL GAME

Overview

Sixteen bore Regal Game is available in a true 2½" case and a traditional 28gms fibre load but utilises up to date progressive propellants and our exclusive, precision made Diamond Shot® to deliver modern day performance on today's game.



DIAMOND SHOT®

5 2.8mm 6 2.6mm

English sized Diamond Shot®



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|----------------|----------|-----------|-------|-----------|----------|
| 16g Regal Game | 28 | 5, 6 | Fibre | 8/65 | 1400 |

20G REGAL GAME

Overview

20G Regal Game has been fine tuned using the latest propellants exclusive to Gamebore® to deliver outstanding patterns and performance for those fast and long range birds. With our precision Diamond Shot®, this cartridge gives the shooter a 20 bore load with downrange performance which far surpasses its rivals.



English sized Diamond Shot®



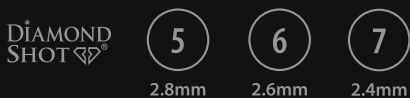
TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|----------------|----------|-----------|-------|-----------|----------|
| 20g Regal Game | 25 | 6 | Fibre | 8/65 | 1350 |
| 20g Regal Game | 28 | 5, 6 | Fibre | 8/65 | 1350 |
| 20g Hushpower | 30 | 5 | Fibre | 8/65 | Subsonic |

28G REGAL GAME

Overview

28G Regal Game has been developed to provide the twenty-eight bore shooter with the ultimate performance in this popular calibre with a choice of load from 16gms for use on grouse or partridge up to a 28gms performance pheasant load for use on high and handsome birds. Our precision made Diamond Shot® matched with exclusive powders delivers patterns second to none in these carefully crafted loads.



English sized Diamond Shot®



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|----------------|----------|-----------|---------|-----------|----------|
| 28g Regal Game | 16 | 6, 7 | Fibre | 8/65 | 1350 |
| 28g Regal Game | 25 | 5, 6 | Fibre | 16/70 | 1450 |
| 28g Regal Game | 28 | 5 | Plastic | 16/70 | 1450 |

12G + 20G BISMUTH

PREMIUM NON-TOXIC

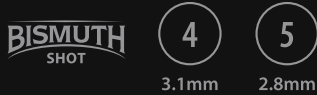
Overview

As the UK's only shot manufacturer, we have turned our expertise to bismuth using a revolutionary production technique here at our factory. We produce bismuth shot using a unique process that results in superb, uniform, malleable shot which performs like lead and eliminates the issue of shot shattering as seen with bismuth produced using the more traditional method.

Bismuth is the closest material in terms of softness to lead and so has no restrictions on choke and can be loaded in cartridges with a standard fibre wad.

Totally safe for the environment and for use in traditional game guns, these cartridges deliver everything you expect from a Gamebore® product, namely the highest quality and outstanding performance.

Loaded in 65mm case length in 12 gauge suitable for most guns including traditional English game and a 70mm 20 gauge load, these will suit the most discerning of game shots where a lead alternative is needed.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|----------------|----------|-----------|-------|-----------|----------|
| 12g Bismuth HD | 30 | 4, 5 | Fibre | 16/65 | 1400 |
| 12g Bismuth HD | 32 | 4, 5 | Fibre | 16/65 | 1400 |
| 20g Bismuth HD | 28 | 4, 5 | Fibre | 16/70 | 1400 |



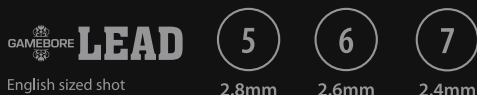
TRADITIONAL GAME CARTRIDGES

12G SUPER GAME HIGH BIRD

TRADITIONAL 2½" GAME LOAD

Overview

Super Game High Bird is our most competitively priced game cartridge and comes in both fibre and plastic wad options. Loaded in a true 2½" case with our high quality lead shot for optimum patterns and performance.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|--------------------------|----------|-----------|-------|-----------|----------|
| 12g Super Game High Bird | 28 | 6, 7 | Fibre | 8/65 | 1350 |
| 12g Super Game High Bird | 30 | 5, 6 | Fibre | 8/65 | 1350 |
| 12g Super Game High Bird | 32 | 5, 6 | Fibre | 8/65 | 1350 |

.410 HUNTING

Overview

The Gamebore® .410 Traditional Hunting load has been designed to deliver performance in even the smallest calibre we manufacture. Available in three different lengths in various shot sizes.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|---------------------------|----------|-----------|---------|-----------|----------|
| .410 Hunting 2" | 9 | 6, 7 | Plastic | 8/50 | 1375 |
| .410 Hunting 2½" | 11 | 6, 7 | Fibre | 8/65 | 1375 |
| .410 Hunting 2½" | 14 | 6, 7 | Fibre | 8/65 | 1375 |
| .410 Hunting 3" | 16 | 6, 7 | Plastic | 16/73 | 1375 |
| .410 Hunting 3" | 18 | 6, 7.5 | Fibre | 16/73 | 1375 |
| .410 Hunting 3" Low Noise | 19 | 5.5 | Fibre | 16/73 | Subsonic |

PIGEON CARTRIDGES

12G PIGEON EXTREME THE CHOICE OF GEORGE DIGWEED MBE

Overview

The Pigeon Extreme load has been developed in conjunction with George Digweed MBE, to provide the ultimate in performance and to deliver high velocity downrange where it matters the most with superior shot patterns, and hard hitting knock-down power thanks to our unique, precision made Diamond Shot®.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|--------------------|----------|-----------|------------------|-----------|----------|
| 12g Pigeon Extreme | 34 | 5 | Plastic or Fibre | 16/70 | 1450 |

12G CLEAR PIGEON

Overview

Clear Pigeon has been specifically designed and developed in conjunction with renowned pigeon shooter Andy Crow to provide high quality yet at a competitive price without sacrificing on performance, patterns or knockdown. Available in both plastic or fibre wad option, 30 and 32gms loads and tested for use in semi-auto guns.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|------------------|----------|-----------|------------------|-----------|----------|
| 12g Clear Pigeon | 30 | 6 | Plastic or Fibre | 8/70 | 1400 |
| 12g Clear Pigeon | 32 | 6 | Plastic or Fibre | 8/70 | 1400 |

12G VELOCITY+ HV PIGEON

Overview

Gamebore Velocity+ HV Pigeon has been specifically designed as a quality pigeon load but at a very competitive price and with a full 30gms load of our exclusive precision made Lead shot. Available in both plastic and fibre wad and tested for use in semi-auto guns.

TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|--------------------------|----------|-----------|------------------|-----------|----------|
| 12g Velocity + HV Pigeon | 30 | 6 | Plastic or Fibre | 8/70 | 1390 |

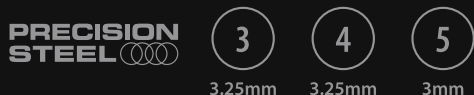
STEEL CARTRIDGES

12G SUPER STEEL

HIGH PERFORMANCE SPECIALIST LOADS

Overview

12g Super Steel. This high velocity Steel load is suitable for use in standard 2 3/4" chambered guns in shot sizes 4 and 5. The larger size shot 3 should only be used in high performance steel shot proofed guns with barrels and chokes designed for steel loads.



TECHNICAL DATA


| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | MUZZLE VELOCITY FPS | VELOCITY MPS V1 |
|-----------------|----------|-----------|---------|-----------|---------------------|-----------------|
| 12g Super Steel | 32 | 3 | Plastic | 16/70 | 1430 | 410 HP |
| 12g Super Steel | 32 | 4, 5 | Plastic | 16/70 | 1400 | 400 |

Standard Steel Guidance

Standard Steel shotgun ammunition can be used in any shotgun (other than Damascus/twist barrelled guns), in good order, bearing any London or Birmingham proof symbols 1954 onwards. For pre 1954 shotguns guidance will be needed from the British Proof Authority. The shotgun must be chambered for the case length of the ammunition as a minimum. Longer chamber lengths can be used with shorter ammunition.

* For overseas markets please check gun proof marks with your local proof house.

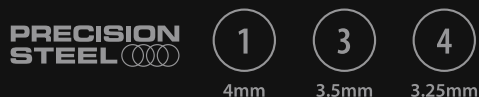
High Performance Steel Guidance

High Performance Steel ammunition can only be used in shotguns bearing a CIP 'Fleur de Lys' proof mark  CIP recommends **MAXIMUM choke of half (.5mm) for shot sized 4mm and larger however we strongly advise half choke MAXIMUM on all of the above products.**

12G MAMMOTH MAGNUM 3" & 3 1/2"

Overview

Mammoth Steel is the ultimate wildfowl load with high velocity and precision steel shot. This cartridge uses double based propellant exclusively imported from the USA. This ensures Gamebore uses the latest advances in steel powder technology to offer truly High Performance steel loads.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | MUZZLE VELOCITY FPS | VELOCITY MPS V1 |
|---------------------------|----------|-----------|---------|-----------|---------------------|-----------------|
| 3" 12g Mammoth Magnum | 36 | 1, 3, 4 | Plastic | 25/76 | 1460 | 425 HP |
| 3 1/2" 12g Mammoth Magnum | 42 | 1, 3, BB | Plastic | 16/86 | 1460 | 425 HP |

SPECIALIST CARTRIDGES

12G BUFFALO

HIGH PERFORMANCE SPECIALIST LOADS

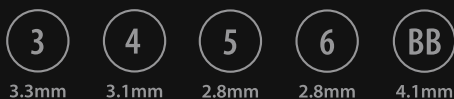
Overview

Initially produced for the African market and hence the name, these legendary cartridges have been designed to produce the highest performance possible. This range of specialist loads covers the larger shot sizes such as BB's.



GAMEBORE LEAD

English sized shot



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|-------------|----------|-------------|---------|-----------|----------|
| 12g Buffalo | 36 | 4, 5, 6, BB | Plastic | 16/70 | 1400 |
| 12g Buffalo | 42 | 3 | Plastic | 16/70 | 1375 |

12G MAMMOTH MAGNUM

HIGH PERFORMANCE SPECIALIST LOADS

Overview

Mammoth 3" & 3½" cartridges are loaded with large sizes of lead shot. These are high performance loads and have extremely high knock down power, they are capable of clean kills at 90yds. These loads feature high performance double based propellant powder from the USA.



TECHNICAL DATA

| CARTRIDGE | LOAD gms | SHOT SIZE | WAD | LENGTH mm | VELOCITY |
|------------------------|----------|-----------|---------|-----------|----------|
| 3" 12g Mammoth Magnum | 50 | 3, BB | Plastic | 25/76 | 1400 |
| 3½" 12g Mammoth Magnum | 63 | 1, BB | Plastic | 16/86 | 1400 |

TECHNOLOGY

Gamebore® cartridges amalgamate a number of superior and cutting edge components to produce an end product which is world class. Each type of cartridge utilises a different combination of elements to make it specific for its use and requirements.



QUAD SEAL®

Our patented Quad Seal® gives ballistic consistency not previously achievable, with its revolutionary four-ring design. It reduces recoil, increases striking energy and it is 100% environmentally friendly.



BIO-WAD®

Building on the Quad Seal® design, the Bio-Wad® is a full cup wad utilising the same cutting-edge material which is 100% environmentally safe. It incorporates all the benefits of the Quad Seal® with the addition of a new and unique cup section. The Bio-Wad® has petals with newly designed 45 degree overlapping edges, giving complete barrel protection.



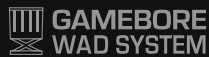
30 DAY INFIELD DEGRADATION

Injection moulded at Gamebore® using a 100% environmentally friendly and hydro soluble material which is approved and accepted by estate managers and landowners, thanks to its quick degradation time and reduced visual impact in the field. The Bio-Wad degrades over 10x faster than any traditional fibre wad on the market.



FIBRE WAD

The highest quality, single piece, non fragmenting 100% fibre wads with no plastic components to deliver excellent gas seals and patterns.



GAMEBORE® WAD SYSTEM

Plastic wads manufactured in house to unique designs and exacting standards to give consistent performance and deliver perfect patterns every time. Using the very latest manufacturing equipment and best materials available.



CX2000 PRIMER

The most highly consistent and reliable primer available, this is used throughout our cartridges to give the shooter the utmost reliability and confidence.



HD CASE

High density polymer plastic case designed to perform in our premium, high performance range to give easy loading and smooth ejection from a case made specifically for these demanding loads.



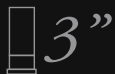
PAPER CASE

With long established credentials for smooth shooting, this is the quintessential game load for English side by side game guns but incorporates modern powder and shot technology to perform on today's game. A true 2½" case (65mm).



2½" CASE

A true 2½" (65mm) case for use in guns with 2½" chambers where case length is critical for optimum performance, unlike some manufacturers who use 67mm as a substitute.



3" CASE

A 3" (76mm) case for use in guns with 3" chambers where case length is critical for optimum performance.



3½" CASE

A 3½" (86mm) case for use in guns with 3½" chambers where case length is critical for optimum performance.



NICKEL BRASS HEAD

Nickel plated to give smooth, consistent and reliable ejection in higher performance loads.



VECTAN® POWDER

Clean burning, reliable, consistently smooth powders from Nobel Sport FR, a world leader in powder production. Vectan® powder is the most premium powder produced by Nobel Sport FR.



ALLIANT POWDER®

Exclusive to Gamebore® in Europe. High technology, cutting edge double base (nitroglycerin) powders allow us to develop and manufacture high performance loads without excessive perceived recoil. Alliant powders feature in our small gauge loads, high performance heavy weights, premium steel and non toxic cartridges. These loads simply cannot be replicated by using single based propellant.



RS PROPELLANT

Our custom blended, top of the range double base RS propellant gives the highest performance possible, whilst remaining comfortable for the shooter.



DIAMOND LEAD SHOT

Our precision, lead shot is produced here at Gamebore® in the only working shot tower in the UK and used exclusively by ourselves. It is lead shot taken to the next level with this unique process which sees it graded still further and then polished in a revolutionary process to produce shot of a consistency far beyond anything else available which is perfect in its sphericity and accurate, even size to deliver the ultimate in patterns. Simply put, Diamond Shot® is the best quality lead shot in the world.



DIAMOND SHOT® XTRA

Advancing the Lead pellet yet another level, with added antimony and graded even further than our renowned Diamond Shot® in our purpose built, on-site grading facility. Diamond Shot® Xtra is British lead, processed, perfected and refined here at Gamebore® to produce the optimum in both sphericity and aero-dynamicity, in every pellet.



GAMEBORE® LEAD SHOT

Made and used exclusively by Gamebore®, this shot is precision manufactured in the last remaining shot tower in the UK to ensure accurate, even size and perfectly spherical shot which is crucial for delivering consistent patterns.



PRECISION STEEL

Soft steel shot to CIP regulations from one of the world's leading manufacturers for exacting standards. Reliably consistent in its sphericity and size for outstanding patterns.



BISMUTH

High-density 9.6g/cc Bismuth is a premium non-toxic shot. The highly uniform pellets are as soft as lead for maximum energy transfer. Bismuth is also available with fibre wads.



D 7.9

Shot with a Density of 7.9 gram/cm³



D 9.6

Shot with a High Density of 9.6 gram/cm³



HD 11

Shot with a High density of 11.0 gram/cm³



POWERHOUSE DIVISION

Cartridges developed using exclusive components and extensive R&D, ultra high performance loads designed and developed to deliver the ultimate knockdown and velocity even at long range, these represent the pinnacle in performance cartridges for those high, handsome birds.



ULTIMATE PERFORMANCE

Developed to ensure all components combine to give their maximum potential and deliver results which are greater than the sum of their parts - simply the cutting edge of performance cartridges.



HIGH VELOCITY

Cartridges with high velocity ideal for performance use and demanding disciplines where targets are at range.



EXTENDED RANGE

Muzzle velocity is only part of the story, downrange energy is key to a cartridges long range effectiveness. These cartridges are designed to deliver unsurpassed performance down range where it matters most giving knockdown performance others simply cannot match.



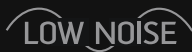
LOW RECOIL

An ideal cartridge when the shooter needs a cartridge with a soft recoil.



MODERATE RECOIL

The recoil is moderate and may be reduced further if a heavier gun or other recoil reducing measures are adopted.



LOW NOISE

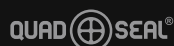
Developed where noise is a factor and needs taking into consideration or for use in a moderated gun, a subsonic cartridge produces a flatter, duller noise as the sound barrier is not exceeded.

EXCLUSIVE

WHY WE ARE THE BEST

Loading our award-winning Game and competition winning cartridges relies on getting all aspects of the cartridge right, from the primer, case, powder, wad to the shot. Once the best materials available are acquired they then need to be combined to achieve the maximum benefit from each element whilst ensuring all parts work in harmony. You need to do this with an unmatched degree of accuracy and consistency so the final product is of the very highest quality.

Here at Gamebore® we load the ultimate in shotgun cartridges and here's how;



QUAD SEAL®

Our patented Quad Seal® technology delivers never seen before knock-down power where it matters most; down range. Designed and developed in house by Gamebore®, exclusively for Gamebore®, Quad Seal® gives improved ballistic consistency, noticeably reduced recoil and increased striking energy. Plus it is fully degradable and 100% environmentally friendly.



BIO-WAD®

Building on the Quad Seal® design, the Bio Wad® is a new full cup wad utilising the same cutting-edge material which is 100% environmentally safe. It incorporates all the benefits of the Quad Seal® with the addition of a new and unique cup section. The Bio Wad® has petals with newly designed unique 45 degree overlapping edges, giving complete barrel protection.



WADS

With our 'quality first' ethos at the forefront of all we do, ensuring the highest quality wads comes as second nature to us. Operating state of the art plastic injection moulding machines, we manufacture wads for both lead and steel shot at our factory to our own unique design which give perfect gas seals, outstanding recoil reduction and perform consistently to deliver outstanding patterns across our range.



ISO 9001

Gamebore® are the only UK cartridge manufacturer operating to these exacting standards. The level of attention to detail to achieve and maintain this accreditation means you can have complete and total confidence in every aspect of the quality and consistency of our cartridges and our business as a whole.



POWDERS

Gamebore® use a range of the highest quality powders available including RS Propellant, Vectan® and Alliant® double base propellants (Alliant® powder is exclusive to Gamebore® in the UK). We are at the forefront of developing cartridges with the aim of improving downrange speed and effectiveness without excessive pressures and recoil. The old idea that harsh recoil equals high speed is a myth. Heavy recoil causes fatigue and discomfort to the shooter, delays recovery time for the second shot and can result in pellet damage and poor patterns, all factors best eliminated from a quality cartridge. The progressive acceleration from these powders reduces felt recoil, minimises pellet damage on ignition of the cartridge and delivers downrange performance second to none. Whether loaded in one of our award winning game or competition cartridges you can be sure of the ultimate in performance, shot after shot.



LOADING AND TESTING

Utilising some of the very latest and most technologically advanced loading machines in operation, Gamebore® are at the forefront of high quality cartridge manufacturing, loading and engineering. When testing cartridges during manufacture, it is essential that the maximum pressure is constantly checked to ensure that cartridges are safe and comply with CIP regulations. However, at Gamebore® we go a huge step further and use exclusive, state of the art, high tech testing equipment which measures parameters far beyond just the maximum pressure. These include primer burn time, crimp opening speeds and much more which enables us to tailor cartridge performances in fine detail as well as enabling us to duplicate the exact performance in any specific cartridge time after time. This unique system allows us to produce cartridges which have identical pressure curves to previous batches to give shooters a cartridge which has a consistency of performance that cannot be achieved without this technology. Thus, the discerning shooter receives the most exacting consistency in our cartridges which others simply cannot match.



PATTERN TESTING

Speed and consistency are crucial but these are irrelevant if the cartridge can't deliver consistent, even patterns downrange where it matters. Within our factory we have a 45 metre (50 yard) pattern testing tunnel which is not only crucial in the development of new products but is also used to check all our cartridges during manufacturing. This means we can ensure they deliver the best patterns possible time after time.



FIELD TESTING

Not only are all Gamebore® loads extensively scrutinised in our state of the art testing facility to ensure ballistic perfection, we also enlist the expertise of some of the world's most renowned shots to verify their performance in the field before general release. These include professional shots- George Digweed MBE, Simon Ward, David Carrie and Mark Winsler.



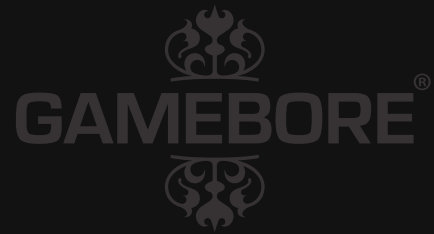
LEAD ALTERNATIVES

Tungsten Matrix & Bismuth were developed by Gamebore® to give a material with the same density and malleability of lead shot. This unique material is carefully manufactured by ourselves to produce uniform shot and give tremendous patterns without any restrictions on choke. Down range energy and effectiveness are unrivalled in this unique material.



PEOPLE

High tech equipment, modern production facilities and exacting quality standards are only part of what makes Gamebore® cartridges special. This is backed up by a highly dedicated team with 'loads' of first-hand experience, skill, drive and commitment to innovate and develop the best shotgun cartridges available.



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