

LYALVALE  **EXPRESS**



**PRODUCT
CATALOGUE**

LYALVALE  **EXPRESS**



**THE UK'S NO.1
SHOTGUN CARTRIDGE
MANUFACTURER**



**PROUDLY
MADE IN THE
UNITED KINGDOM**



**CHAMPIONSHIP
WINNING LINE
OF PRODUCTS**

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Established in 1983, Lyalvale has the enviable reputation as now the UK's no.1 manufacturer of shotgun cartridges for both game and clay.

At Lyalvale we are all keen shooters, and passionate about the sport. It's the DNA of this passion that we prize precision, performance and consistency above all else. We are proud to have been crafting our cartridges for a loyal, successful base of shooters, who've chosen Lyalvale to deliver power, performance and consistency for 40 years.

Manufactured in the UK, our engineers have spent decades balancing a finely-tuned selection of powders, primers and custom-made loads – perfecting every individual product to deliver blistering ballistics and a precision shot that's comfortable on the shoulder. With rigorous quality-control for ultimate consistency, you know you'll get outstanding performance every time you pull the trigger – Giving You The Best Results, we through this world class process have won Olympic, World, European, Commonwealth and Prestigious National Championships and are proud of these historical achievements.

In 2022 Lyalvale Express was purchased by the Fiocchi group and now heads forward into the future with the backing and opportunities afforded from the Fiocchi Group on a Worldwide base.





12 GAUGE CLAY CARTRIDGES

ENGLISH SPORTER

The English Sporter delivers exceptional quality in a general, all round cartridge specifically engineered with the club shooter in mind. It is designed to offer quality and consistency beyond its competitive price point.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 28 grams (1 oz)	8mm	1350fps	2¾"/70mm	7.5, 8, 9
Fibre Wad 28 grams (1 oz)	8mm	1350fps	2¾"/70mm	7.5, 8, 9



POWER BLUE

The Power Blue is one of our best value cartridges, the fast-burning powder makes this a slightly faster shot than the English Sporter, and has excellent performance over longer distances. The Nickel Head makes for improved performance and consistency.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 28 grams (1 oz)	12mm nickel	1450fps	2¾"/70mm	7.5, 8, 9
Fibre Wad 28 grams (1 oz)	12mm nickel	1450fps	2¾"/70mm	7.5, 8, 9



POWER RED

Our highest performance club cartridge, the Power Red has been engineered for the experienced shooter looking to progress into the competition field, where accuracy and consistency are paramount. The combination of a slightly increased charge giving maximum velocity whilst the lighter 27 gram load controls recoil.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 27 grams High Performance	8mm	1500fps	2¾"/70mm	7.5
Fibre Wad 27 grams High Performance	8mm	1500fps	2¾"/70mm	7.5



POWER GOLD

The Power Gold is the highest quality cartridge in our Power range, with finely balanced ballistics to achieve excellent performance over long-range distances – perfect for shooters looking for success in the competition field. The cartridge is designed to give tight and even shot patterns with a smooth performance. The addition of the new piston wad gives optimum performance on close range targets.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 28 grams (1 oz)	16mm nickel	1425fps	2¾"/70mm	6.5, 7.5, 8, 9 piston
Fibre Wad 28 grams (1 oz)	16mm nickel	1425fps	2¾"/70mm	7.5, 8
Plastic Wad 24 grams (7/8 oz)	16mm nickel	1425fps	2¾"/70mm	7.5, 9
Fibre Wad 24 grams (7/8 oz)	16mm nickel	1425fps	2¾"/70mm	7.5, 8





SUPREME COMP

The 28 gram Express Supreme cartridges are designed to produce the best patterns at the most extreme ranges of Clay Shooting, while the super-tempered lead contains antimony and other hardening alloys to produce a clean release and good clean breaks. It delivers ultimate performance helping you ensure the next shot is as successful as your last.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 28 grams (1 oz)	25mm	1475fps	2¾"/70mm	6.5, 7, 7.5, 8 super tempered shot



SUPER LIGHT & QL FIBRE MAGNASONIC

The Super Light range is based on low recoil cartridges, from 21 to 24 grams these ensure minimum recoil giving a more comfortable experience and ideal for the simulated game days.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 21 grams (¾ oz)	8mm	1400fps	2½"/65mm	7.5
Fibre Wad 21 grams (¾ oz)	8mm	1400fps	2½"/65mm	7.5
Plastic Wad 24 grams (7/8 oz)	8mm	1400fps	2½"/65mm	7.5, 8, 9
Fibre Wad 24 grams (7/8 oz)	8mm	1375fps	2½"/65mm	7.5, 8, 9
Fibre Wad 24 grams (7/8 oz)	8mm	1150fps	2½"/65mm	7.5





12 GAUGE GAME CARTRIDGES

ULTIMATE POWER & ULTIMATE EXTREME

As the 70mm cartridge in our flagship range, the Supreme Game Ultimate Power is designed to achieve tight, consistent patterns over long distances, while progressive powders ensure high velocities with moderate recoil, combined with continental sized shot it is formulated for maximum lethality and down-range performance.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 30 grams (1 1/16 oz.)	16mm nickel	1480fps	2¾"/70mm	5, 6
Fibre Wad 32 grams (1 1/8 oz.)	16mm nickel	1480fps	2¾"/70mm	4, 5, 6
Fibre Wad 36 grams (1 1/4 oz.)	16mm nickel	1480fps	2¾"/70mm	5
Extreme Fibre Wad 35 grams (1 3/16 oz.)	16mm nickel	1500fps	2¾"/70mm	4 



SUPREME GAME & SUPREME GROUSE

The Supreme Game is designed to achieve tight and consistent patterns over long distances. The 65mm Supreme Game cartridge is engineered for all guns with a minimum chamber length of 2 ½ inch chambers. The lead in our Supreme Game range of cartridges is specifically formulated for Game shooting, for a clean kill even over long distances.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 28 grams (1 oz.)	16mm	1400fps	2½"/65mm	5, 6, 7
Grouse Fibre Wad 29 grams (1 1/32 oz.)	16mm	1400fps	2½"/65mm	6.5 tempered shot
Fibre Wad 30 grams (1 1/16 oz.)	16mm	1400fps	2½"/65mm	5, 6, 7
Fibre Wad 32 grams (1 1/8 oz.)	16mm	1400fps	2½"/65mm	5, 6
Fibre Wad 34 grams (1 3/16 oz)	16mm	1400fps	2¾"/70mm	4, 5



SPECIAL GAME

Our Special Game range is our best value, all-round game cartridge, engineered specifically for the traditional game enthusiast. The lead shot is made to our specifications for uniform patterns and a clean kill. The cartridge is tuned to achieve mid to long-range distances, with minimal recoil - helping you maintain precision and accuracy on every shot.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 25 grams (7/8 oz)	8mm	1375fps	2½"/65mm	6
2 Inch Fibre Wad 26 grams (7/8 oz)	8mm	1375fps	2"/50mm	6
Fibre Wad 28 grams (1 oz)	8mm	1375fps	2½"/65mm	5, 6
Fibre Wad 30 grams (1 1/16 oz)	8mm	1375fps	2½"/65mm	5, 6
Fibre Wad 32 grams (1 1/8 oz)	8mm	1375fps	2½"/65mm	5, 6



SUPER GAME

Designed specifically for 12 gauge 2 ¾ inch guns, the Super Game cartridge has been engineered to achieve good patterns and velocity over long distances - making it a performance cartridge with ultimate consistency.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 32 grams (1 1/8 oz)	8mm	1375fps	2¾"/70mm	5, 6
Fibre Wad 36 grams (1 1/4 oz)	16mm	1375fps	2¾"/70mm	4, 5
Fibre Wad 42 grams (1 1/2 oz)	16mm	1375fps	2¾"/70mm	1, 3, 4



MAX GAME

Designed specifically for 12 gauge 2 ¾ inch guns, the Super Game cartridge has been engineered to achieve good patterns and velocity over long distances with the very largest of shot sizes- making it a performance cartridge with ultimate consistency.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 36 grams (1 1/4 oz)	16mm	1375fps	2¾"/70mm	SG BB, AAA, 1
Magnum Fibre Wad 50 grams (1 5/8 oz)	20mm	1350fps	3"/76mm	BB, 1, 3, 4



POWER PIGEON

A powerful, hard-hitting cartridge, designed to offer optimum lethality at long range, at a competitive price. The traditional 2 ¾ inch case has a low brass head and a plastic wad to provide excellent stopping energy for pigeon and rough shooters.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 29 grams (1 oz)	8mm	1450fps	2¾"/70mm	6
Plastic Wad 29 grams (1 oz)	8mm	1450fps	2¾"/70mm	6



PIGEON SPECIAL

The Pigeon Special was developed for pigeon and rough shooters looking for a true 2 1/2" cartridge specifically designed for their sport.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 30 grams (1 1/16 oz)	8mm	1375fps	2½"/65mm	6





12 GAUGE NON TOXIC CLAY CARTRIDGES

SUPER LIGHT STEEL

The Super Light Steel is based on low recoil cartridges, at 16 grams this ensures minimum recoil giving a more comfortable experience and ideal for the beginner, the person looking for ultra low recoil and looking for a biodegradable non toxic clay target load using the latest Green Core Wad Technology.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Green Core Wad 16 grams (1/2 oz)	8mm nickel	410mps	2 1/2"/65mm	7.5 



PRECISION STEEL

The Precision Steel range is a high quality clay cartridge, that offers an excellent alternative to lead. Apart from it's non-toxic credentials, the custom-made iron alloy shot conforms to the CIP softness requirements, but won't deform like lead - resulting in tighter shot patterns over long distances.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 21 grams (3/4 oz)	12mm	410mps	2 3/4"/70mm	7.5
Plastic Wad 24 grams (7/8 oz)	12mm	410mps	2 3/4"/70mm	7.5, 9
Plastic Wad 28 grams (1 oz)	12mm	410mps	2 3/4"/70mm	7.5, 9





12 GAUGE NON TOXIC GAME CARTRIDGES

ULTIMATE BISMUTH

The new Ultimate Bismuth range has been designed as the “go to” solution for those want the very best in non toxic shot for lethality. Designed to offer a non toxic alternative without any of the restrictions of other non toxic loads.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 28 grams (1 oz)	16mm	1400fps	2½"/65mm	5 
Fibre Wad 30 grams (1 1/16 oz)	16mm	1400fps	2½"/65mm	5 
Fibre Wad 32 grams (1 1/8 oz)	16mm	1400fps	2½"/65mm	4, 5 
Fibre Wad 34 grams (1 3/16 oz)	20mm	1400fps	2¾"/70mm	4 



PRECISION STEEL

The Precision Steel is a high quality game cartridge, that offers an excellent alternative to lead. Apart from it's non-toxic credentials, the custom-made iron alloy shot conforms to the CIP softness requirements, but won't deform like lead - resulting in tighter shot patterns over long distances.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 28 grams (1 oz)	12mm	410mps	2¾"/70mm	5
Plastic Wad 32 grams (1 1/8 oz)	12mm	410mps	2¾"/70mm	4, 5



ULTIMATE STEEL

The Ultimate Steel is a high quality Non-Toxic Shot game cartridge, with the new Earth Wad in 30 gram and Green Core in 32 gram these are 100% Bio Compostable and offer an excellent alternative to lead. Giving maximum performance within CIP regulations.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Earth Wad 30 grams (1 1/16 oz)	16mm nickel	420mps	2½"/65mm	5
Green Core Wad 32 grams (1 1/8 oz)	16mm nickel	415mps	2¾"/70mm	4 
Green Core Wad 32 grams (1 1/8 oz) High Performance	16mm nickel	430mps	2¾"/70mm	3 
Green Core Wad 32 grams (1 1/8 oz) High Performance	16mm nickel	430mps	3"/76mm	3, 4 
Green Core Wad 36 grams (1 1/4 oz) High Performance	16mm nickel	430mps	3"/76mm	3, 1 



MAX GAME STEEL

The Max Game High Performance Steel offers the highest Lethality in a Non-Toxic steel game cartridge. With plastic wad it offers an excellent alternative to lead. Max Game High Performance Steel is a 76mm / 3 inch cartridge. Designed within CIP High Performance Steel Regulations it offers the maximum lethality for Steel shot cartridge.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 36 grams (1 1/4 oz) High Performance	16mm	430mps	3"/76mm	1, 3, 4, 5





16 GAUGE GAME CARTRIDGES

SUPREME SIXTEEN

The Supreme Sixteen is the Express answer to a high performance lead load for a sixteen gauge shotgun, available in a 25 gram to 30 gram load.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 25 grams (7/8 oz)	8mm	1375fps	2½"/65mm	6
Fibre Wad 28 grams (1 oz)	8mm	1375fps	2½"/65mm	5, 6, 7
Fibre Wad 30 grams (1 1/16 oz)	8mm	1375fps	2½"/65mm	5, 6





16 GAUGE NON TOXIC GAME CARTRIDGES

ULTIMATE BLUE BISMUTH

The Supreme Sixteen is the Express answer to a high performance load for a sixteen gauge shotgun, available in a 25 gram non toxic high lethality load.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 25 grams (7/8 oz)	8mm	1375fps	2½"/65mm	5 



SUPREME SIXTEEN BLUE STEEL

The Supreme Sixteen Steel is the Express answer to a non toxic steel shot load for a sixteen gauge shotgun, available in a 26 gram with a plastic wad.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 26 grams (7/8 oz)	8mm	380mps	2½"/65mm	7.5
Plastic Wad 30 grams (7/8 oz)	8mm	380mps	2½"/65mm	4





20 GAUGE COMPETITION CARTRIDGES

SUPREME TWENTY COMPETITION

From the light 21 gram load – perfect for mid-range targets – to the hard hitting 28 gram cartridge for competition shooting, the Supreme Twenty, loaded into 2 ½" (67mm) cases. The Magnasonic Twenty is based on the same formula as our Supreme clay range, however this cartridge is designed for areas where a subsonic cartridge offering low noise and low recoil is required.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 21 grams (3/4 oz)	8mm	1350fps	2½"/67mm	7.5
Fibre Wad 24 grams (7/8 oz)	8mm	1350fps	2½"/67mm	7.5
Fibre Wad 28 grams (1 oz)	8mm	1350fps	2½"/67mm	7.5
Fibre Wad Magnasonic 21 grams (3/4 oz) low noise	8mm	1040fps	2½"/67mm	7.5





20 GAUGE GAME CARTRIDGES

ULTIMATE POWER TWENTY

The Ultimate Power Twenty gauge 2 ½" (67mm) cartridge from our flagship range, the Supreme Game Ultimate Power is designed to achieve tight, consistent patterns over long distances, while the single base progressive powder ensures high velocities with moderate recoil. The cartridge is engineered for shooting in modern guns with minimum 2 ½" (67mm) chambers.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 26 grams (16/16 oz)	16mm nickel	1480fps	2½"/67mm	6
Fibre Wad 28 grams (1 oz)	16mm nickel	1480fps	2½"/67mm	5, 6
Fibre Wad Magnasonic 30 grams (1 1/16 oz)	16mm nickel	1480fps	2½"/67mm	5



SUPREME TWENTY

The Supreme Twenty is based on the same formula as our Supreme Game range – two-time winner of Best Game Cartridge at the Shooting Industry Awards, giving 20 gauge shooters a high performance cartridge, with excellent patterns and low recoil.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 21 grams (3/4 oz)	8mm	1350fps	2½"/67mm	6
Fibre Wad 25 grams (7/8 oz)	8mm	1350fps	2½"/67mm	5, 6, 7
Fibre Wad 28 grams (1 oz)	8mm	1350fps	2½"/67mm	5, 6, 7
Fibre Wad 30 grams (1 1/16 oz)	8mm	1350fps	2½"/67mm	5, 6





20 GAUGE NON TOXIC CARTRIDGES

SUPREME 20 BISMUTH

The Ultimate Twenty Bismuth is designed for 2 1/2" and larger chamber length offering maximum performance from a non toxic load with no restrictions on choke.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 25 grams (7/8 oz)	16mm nickel	1400fps	2½"/67mm	4, 5 



SUPREME 20 STEEL

The new Supreme Twenty Steel range for both clay and game cartridges is designed to offer a non toxic alternative and that currently uses a plastic wad to ensure maximum barrel protection.

8mm	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Plastic Wad 24 grams (7/8 oz) Competition	8mm	385mps	2½"/67mm	7.5
Plastic Wad 24 grams (7/8 oz) Game	8mm	385mps	2½"/67mm	5, 7





28 GAUGE GAME CARTRIDGES

SUPREME TWENTY EIGHT

Based on our award winning Supreme 28 gauge cartridge, the Supreme 28 is a high performance cartridge available in a range of weights from 14 to 28 grams and continental shot sizes 5 to 9.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 14 grams (1/2 oz)	8mm	1350fps	2½"/65mm	6, 7, 9
Fibre Wad 21 grams (3/4 oz)	8mm	1350fps	2½"/65mm	6, 7, 8
Fibre Wad 25 grams (7/8 oz)	8mm	1350fps	2¾"/70mm	5, 6
Fibre Wad 28 grams (1 oz)	8mm	1350fps	2¾"/70mm	5, 6





28 GAUGE NON TOXIC CARTRIDGES

SUPREME 28 ULTIMATE BISMUTH

Based on our award winning Supreme 28 gauge cartridge, the Supreme 28 Bismuth is a high performance non toxic shot fibre wadded cartridge available in 21 grams and continental shot size 5.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 21 grams (3/4 oz) Game	10mm	1350fps	2 ³ / ₄ "/70mm	5 





410 GAUGE CARTRIDGES

SUPREME 410 TWO INCH

The Supreme .410 2" are fibre wadded cartridges available in 8 gram loads, in shot sizes 6 & 9, in 2" cases.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 8 grams (1/4 oz)	8mm	1200fps	2"/50mm	6, 9



SUPREME 410 TWO HALF INCH

The Supreme .410 2 1/2" is a high performance fibre wadded cartridge available in 14 gram load, in shot sizes 5, 6, 7 & 9, in 2 1/2" inch cases.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 14 grams (1/2 oz)	8mm	1250fps	2½"/65mm	5, 6, 7, 9
Fibre Wad 16 grams subsonic	8mm	1250fps	2½"/65mm	5





410 GAUGE NON TOXIC CARTRIDGES

SUPREME 410 ULTIMATE BISMUTH

The non toxic fibre wadded .410 cartridge for where non toxic and biodegradable cartridge are required.

WAD AND LOAD	HEAD SIZE	SPEED	CHAMBER	SHOT SIZE
Fibre Wad 16 grams (14/25 oz) Game	16mm	1300fps	3"/76mm	5 





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