

the choice of champions



Since 1828, ELEY has been helping club, world and Olympic shooting athletes realise their potential and win using its world-renowned .22LR ammunition. Manufactured in Birmingham, UK, ELEY employs the finest engineers, uses state of the art machinery and advanced analytical processes to produce the most consistently accurate rimfire ammunition.

No matter what discipline you shoot, ELEY has the ammunition for you. Manufacturing cartridges specifically designed for benchrest to biathlon, recreational shooting to hunting.

Specialising in .22LR calibre cartridges, ELEY is widely regarded as the world leader with tenex, its flagship cartridge, sold in more than 130 counties and used by the world number one athletes.

www.eley.co.uk

sales@eley.co.uk

















































ELEYVID

IT'S ALL ABOUT YOU





Keep up to date with all the latest **ELEY** news

Performance of ELEY ammunition off the shelf is outstanding. But did you know we offer a service which helps you increase your accuracy even further?

Improve your competition confidence and batch test ELEY ammunition at any of our five worldwide test ranges. Our unique testing methodology, custom-built equipment, electronic targets and state-of-the-art software ensure you make every shot count. Our testing facilities offer a personalised service whereby we match the ammunition to your firearm for smaller groups and bigger scores.

The testing process takes three hours, during which 40 shots are fired from up to 20 batches to compare their performance. The proprietary software uses individual shot data to statistically analyse the performance of each batch and provide the greatest possible assessment of accuracy.

Visit www.eley.co.uk/test-ranges to find out more and book your appointment with one of our range officers.



UK test range

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Online booking now available www.eley.co.uk/vip







tenex .22LR

40gr, flat nose

ELEY tenex is the world's premier competition cartridge. It is the most accurate and successful .22LR cartridge ever developed and is the choice of world's best shooters since 1951.

Investment and continuous technological advances led to the patented flat nose bullet profile. This revolutionary feature aerodynamically stabilises the projectile for increased accuracy.

Lubricant

Beeswax-tallow

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 331m/s

1040ft/s - 1085ft/s

3.75mm

ELEY Prime

match .22LR

40gr, flat nose

ELEY match shares technology with ELEY tenex, including the flat nose bullet and the cut mouth case for enhanced ballistic characteristics.

The round is produced on a dedicated line with a suite of analytical processes to ensure match-winning performance.



Mean Velocity m/s 317m/s - 331m/s

Mean Velocity ft/s 1040ft/s - 1085ft/s

Max RSD

Primer

4.74mm

ELEY Prime

Lubricant

Beeswax-tallow



team .22LR

40gr, flat nose

ELEY team features the patented flat nose bullet and trimmed down case technology to ensure consistent performance in every round.

Part of the tenex family, team is the entry point for competitive shooters looking to use ELEY's premium cartridge range.

Lubricant

Beeswax-tallow

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 331m/s

1040ft/s - 1085ft/s

5.50mm

ELEY Prime





club

40gr, round nose

ELEY club is a mid-range competitive target cartridge that utilises the benefits of the round nose bullet profile.

Enhanced performance with outstanding accuracy.

Lubricant

Paraffin-based

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 331m/s

1040ft/s - 1085ft/s

5.50mm

ELEY Prime

sport

40gr, round nose

ELEY sport introduces competitive shooters to the world of ELEY's accuracy and consistency.

Small lot quantities and statistical process control techniques ensure reliable performance in every round.



Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

Lubricant

Paraffin-based

317m/s - 331m/s

1040ft/s - 1085ft/s

7.00mm

ELEY Prime



Lubricant

Paraffin-based

target

40gr, round nose



ELEY target is high performance ammunition for the USA's competitive club shooters.

Manufactured to ELEY's strictest specifications, ELEY target benefits from electronic visual inspection and vigorous test proofing.

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 331m/s

1040ft/s - 1085ft/s

7.00mm

ELEY Prime









tenex pistol .22LR

40gr, round nose

ELEY tenex pistol is the result of years of comprehensive research and development into ballistics, cycling, bullet profiles, case construction and bullet composition.

The propellant is designed specifically to provide an equal amount of energy to each bullet, improving accuracy and helping control recoil.

Lubricant

Beeswax-tallow

Mean Velocity m/s

276m/s - 287m/s

Mean Velocity ft/s 906ft/s - 942ft/s

Max RSD

Primer

4.05mm

ELEY Prime

tenex rapid fire pistol .22LR

40gr, round nose

ELEY tenex rapid fire pistol features a new bullet profile designed to a specifically for shooters competing in rapid fire pistol events. It's extra consistent recoil technology has been developed to give elite athlete more control and greater accuracy than ever before.

The cartridge guarantees to meet the minimum velocity requirements ISSF rapid fire pistol disciplines.

Mean Velocity m/s

Mean Velocity ft/s

Max MG

Primer

269m/s - 280m/s

882ft/s - 919ft/s

20mm

ELEY Prime



Lubricant

Ep2723





Mean velocity is determined in ELEY Rifle test barrels. Results may vary in your firearm.





match pistol .22LR

40gr, round nose

ELEY match pistol offers competitive performance, aided by the round nose bullet profile which improves feeding and extraction for smooth cycling.

Extensive testing and measuring is undertaken by our skilled engineers to minimise variation between each batch.

Lubricant

Beeswax-tallow

Mean Velocity m/s

276m/s - 287m/s

Mean Velocity ft/s 906ft/s - 942ft/s

Max RSD

90mm

4.90mm

Primer **ELEY** Prime

bullseye pistol X .22LR

40gr, round nose

ELEY bullseye pistol X has been developed for high level competitive shooters seeking the ultimate in pistol precision. The round nose bullet profile ensures easy chambering and smooth operation.

Bullseye shooters can rest assured you will be getting absolute accuracy and consistency in every round.

Mean Velocity m/s 268m/s - 292m/s

Mean Velocity ft/s 880ft/s - 959ft/s

Max RSD

Primer

7.00mm

ELEY Prime



Lubricant

Ep2723











tenex biathlon .22LR

40gr, flat nose

ELEY tenex biathlon was launched following extensive research and testing, leading to a new lubricant designed for low temperatures and an increased propellant charge for the biathlon target.

A redesigned flat nose bullet with a reduced diameter was developed for a consistent chambering in adverse conditions.

Lubricant

Biathlon-lube

Mean Velocity m/s

335m/s - 354m/s

Mean Velocity ft/s 1100ft/s - 1160ft/s

Max RSD

4.50mm

Primer **ELEY** Prime

biathlon club .22LR

40gr, round nose

ELEY biathlon club is a highly accurate cartridge used for training and competing at the highest levels.

Enhanced performance and outstanding accuracy combined with a round nose bullet profile ensures reliable performance in weather conditions with temperatures as low as minus twenty degrees.

Mean Velocity m/s 323m/s - 331m/s

Mean Velocity ft/s 1060ft/s - 1085ft/s Max RSD

5.50mm

Primer

ELEY Prime



Lubricant

Biathlon-lube











contact (standard-velocity) .22LR

42gr, round nose

ELEY contact is a subsonic round which ensures ELEY's outstanding accuracy and reliability in semi-automatic rifles and pistols.

Minimal recoil enables fast follow-up shots while the 42 grain bullet delivers greater power downrange.

Lubricant

Paraffin-based

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 332m/s

1040ft/s - 1090ft/s

7.00mm

ELEY Prime

force (high-velocity) .22LR

42gr, round nose

ELEY force utilises a modified propellant with a distributed power curve for supersonic velocity in semi-automatic firearms.

The heavier 42 grain bullet is designed for power and produces superior energy, accuracy and knowck-down force.

force
22LR · 42gr · 50rds

Round nose
High velocity's

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

344m/s - 381m/s

1130ft/s - 1250ft/s

7.00mm

ELEY Prime

Lubricant

Paraffin-based







TECHNICAL INFO >>> ELEY action .38 super comp



Currently available in USA.

Major power factor





Power Factor



Power Factor

ELEY power factor

Action .38 super comp major

124g round-nose

Major power factor for IPSC. Superior safety. Absolute accuracy and controllable recoil.

That's what you'll get with ELEY's brand new ELEY Action .38 super comp major power factor round. Designed and developed by the world's most respected sporting ammunition manufacturer, the new competition round promises to be a sure-fire hit amongst practical shooters.

Calling on 190 years of ammunition expertise, ELEY action .38 super comp delivers major power factor for IPSC matches and assembles the best components with a specific propellant to provide a safe and effective competition round for Open Division Competitors.

The round provides reduced recoil for improved sight picture recovery, and its 'rimless' case loaded with a round nose copper metal jacketed 124gr bullet, offers superb reliability, magazine stacking and feeding.



Round-nose

124gr / 8.04 grams

Bullet type

Case type

Copper metal jacket

Rimless

Power factor

USPSA 170 / IPSC 165

Reference firearm

The reference firearm has been the STI DVC Open 2011 competition handgun, designed and manufactured for use with Major Power Factor ammunition. ELEY USPSA load has been designed to achieve a power factor of 170 and the ELEY IPSC load to achieve a power factor of 165. Results may vary in individual firearms.

DESIGNED FOR



Designed for:

- Ultimate accuracy and consistency
- Reliable magazine stacking and feeding

Used for:

- USPSA
- IPSC

Firearm:

■ .38 Super comp major race pistol

Features:

- Round-nose
- Copper metal jacket
- 124gr bullet
- Light recoil
- Major power factor

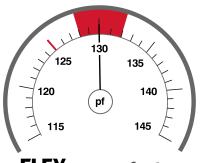
TECHNICAL INFO >>> ELEY | Minor 9 | Competition Pistol



Currently available in USA.

Minor Power Factor





USPSA
Power Factor
128-132

ELEY power factor



Minor9 Competition Pistol

Available in three bullet weights - 115gr / 124gr / 147gr

SUPERIOR SAFETY. ABSOLUTE ACCURACY. YOU CHOOSE THE RECOIL!

Introducing ELEY's three new 9mm Pistol minor power factor rounds. Specifically designed and manufactured here in the United States for USPSA Practical Pistol disciplines.

Following on from the enormous success of ELEY's .38 Super Comp Major rounds for Open Division Practical Shooting, ELEY have once again called upon 190 years of ammunition quality control expertise to assemble the best components for a tailor-made range of competitive 9mm rounds.

The new range of Minor9 Pistol rounds come with a choice of three bullet weights 115qr, 124qr and 147qr.

All ELEY 9mm rounds offer consistency and predictability in both feel and performance with unprecedented levels of accuracy demanded by competitors moving dynamically at speed in all conditions.

With no compromise to safety and performance across all three products, you can expect to achieve new levels of confidence in practice and during your next match.

Bullet profile	Bullet type
Round-nose	Copper Metal Jacket
Power Factor	Case type
128-130	Brass, Rimless, Tapered
Bullet weight	Velocity (Velocity may vary slightly to achieve the desired power factor)
115gr	1113ft/s - 1148ft/s
Bullet weight	Velocity
124gr	1032ft/s - 1065ft/s
Bullet weight	Velocity
147gr	871ft/s - 898ft/s
Overall loaded ler	ngth (Overall Loaded Length may vary slightly to achieve the desired power factor)

1.15 Inch

Reference firearm

The reference firearms for Minor9 Pistol are CZ Shadow 1 4.7" barrel, CZ Shadow 2 with 4.7" barrel, Glock 34 Gen5 5.31" barrel, Walther PPQ 4" barrel, Smith M&P Core 4.2" barrel and the Tanfoglio Stock 2 4.45" barrel.

Average power factor across all reference firearms including all bullet weights = 128-132

DESIGNED FOR



Designed for:

- Ultimate accuracy and consistency
- Reliable magazine stacking and feeding

Used for:

 All minor power factor USPSA divisions

Firearm:

9mm Competition Pistol

Features:

- Round-nose
- Copper metal jacket
- Controllable recoil
- Fast sight recovery
- Minor power factor

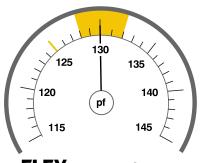
TECHNICAL INFO >>> ELEY | Minor 9 Competition PCC



Currently available in USA.

Minor Power Factor





USPSA
Power Factor
128-132

ELEY power factor



Minor9 Competition PCC

Available in two bullet weights - 115gr / 124gr

SUPERIOR SAFETY. ABSOLUTE ACCURACY. YOU CHOOSE THE RECOIL!

Introducing ELEY's two new competition Pistol Caliber Carbine minor power factor rounds. Specifically designed and manufactured in the United States for dynamic USPSA disciplines.

Complementing our range of Minor9 Pistol products, ELEY's engineers have designed a round to produce consistent velocity with un-compromised reliability in PCC firearms.

With a choice of two bullet weights 115gr and 124gr precise manufacturing techniques and competition experience deliver consistent power to each projectile maximising your success on the range.

All ELEY rounds offer predictability in both feel and performance with unprecedented levels of accuracy demanded by competitors moving dynamically at speed in all conditions.

With no compromise to safety, you can expect to achieve new levels of confidence in practice and during your next match.

Bullet profile	Bullet type
Round-nose	Copper Metal Jacket
Power Factor	Case type
128-132	Brass, Rimless, Tapered
Bullet weight	Velocity (Velocity may vary slightly to achieve the desired power factor)
115gr	1113ft/s - 1148ft/s
Bullet weight	Velocity

Overall loaded length

(Overall Loaded Length may vary slightly to achieve the desired power factor)

1.15 Inch

Reference firearm

The reference firearms for Minor9 PCC are:

MBX-PCC Multi Rifle with 13" Barrel.

CMMG Resolute 100 with 16.1" Barrel.

Average power factor across all reference firearms including all bullet weights = 128-132

DESIGNED FOR



Designed for:

- Ultimate accuracy and consistency
- Reliable magazine stacking and feeding

Used for:

 All minor power factor USPSA divisions

Firearm:

9mm Competition Pistol Caliber Carbine

Features:

- Round-nose
- Copper metal jacket
- Controllable recoil
- Fast sight recovery
- Minor power factor







subsonic hollow .22LR

38gr, hollow point

ELEY subsonic hollow guarantees consistent accuracy. Independent tests show that ELEY's hollow point bullet has market-leading expansion for outstanding stopping power.

One of the quietest hunting rounds available, it has paraffin wax for smooth operation in all weather conditions.

Lubricant

Paraffin-based

Mean Velocity m/s

305m/s - 317m/s

Mean Velocity ft/s
1000ft/s - 1040ft/s

Max MG

Primer

43mm

ELEY Prime

high velocity hollow .22LR

38gr, hollow point

ELEY high velocity hollow features an innovative hollow nosed profile that has been engineered to deliver maximum stopping power. The projectile has market-leading expansion characteristics for short penetration – an essential feature for vermin control.

Increased propellant pushes velocity up to 1250fps for exceptional ballistic performance without compromising on accuracy.

Mean Velocity m/s

Mean Velocity ft/s

Max MG

Primer

344m/s - 381m/s 1130ft/s - 1250ft/s

30mm

ELEY Prime



Lubricant

Paraffin-based







E benchrest rimfire products





tenex .22LR

40gr, flat nose

ELEY tenex is the world's premier competition cartridge. It is the most accurate and successful .22LR cartridge ever developed and is the choice of world's best shooters since 1951.

Investment and continuous technological advances led to the patented flat nose bullet profile. This revolutionary feature aerodynamically stabilises the projectile for increased accuracy.

Lubricant

Beeswax-tallow

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 331m/s

1040ft/s - 1085ft/s

3.75mm

ELEY Prime

match .22LR

40gr, flat nose

ELEY match shares technology with ELEY tenex, including the flat nose bullet and the cut mouth case for enhanced ballistic characteristics.

The round is produced on a dedicated line with a suite of analytical processes to ensure match-winning performance.



Mean Velocity m/s 317m/s - 331m/s

Mean Velocity ft/s 1040ft/s - 1085ft/s

Max RSD 4.74mm Primer

ELEY Prime

Lubricant

Beeswax-tallow



Lubricant

Beeswax-tallow

team 22LR

40gr, flat nose

ELEY team features the patented flat nose bullet and trimmed down case technology to ensure consistent performance in every round.

Part of the tenex family, team is the entry point for competitive shooters looking to use ELEY's premium cartridge range.

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 331m/s

1040ft/s - 1085ft/s

5.50mm

ELEY Prime





semi-auto benchrest precision .22LR

40gr, round nose



ELEY semi-auto benchrest precision benefits from the engineering expertise behind ELEY's leading .22LR target round – ELEY tenex. The round nose bullet profile, combined with an uncompromising approach to quality.

ELEY understand accuracy, consistency and reliability is the only way to win a benchrest match. Continuous research and development into semi-automatic target shooting ensures the new cartridges feature ballistic characteristics to outperform the rest and dominate in the most demanding conditions.

Lubricant

Ep2723

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

314m/s - 326m/s

1030ft/s - 1070t/s

4.90mm

ELEY Prime

semi-auto benchrest outlaw .22LR

42gr, round nose



ELEY semi-auto benchrest outlaw is breaking the rules in .22LR accuracy, delivering outstanding performance and reliability in every round. The semi-automatic ammunition provides benchrest shooters with a round that delivers shot-to-shot consistency thanks to its internal ballistic performance.

Whether training or competing, ELEY semi-auto benchrest outlaw provides the highest accuracy standards expected from ELEY.

Mean Velocity m/s

Mean Velocity ft/s

Max RSD

Primer

317m/s - 332m/s

1040ft/s - 1090ft/s

7.00mm

ELEY Prime



Lubricant

Ep2723







E pistol/rifle air products



tenex air

8.2gr, flat head

In 2018 we celebrated our 190th anniversary and launched a new air pellet product which bears the historic tenex name and standards: ELEY tenex air. In 1951 ELEY redefined the potential of the .22LR cartridge with ELEY tenex: elite rimfire ammunition for the most discerning shooters. Continuous development and evolution has since maintained our competitive advantage and helped our consumers reach their potential.

An extensive research program revealed the vital features necessary to advance air pellets to the next level; pellet profile, dimensional consistency and weight control were identified as the key parameters affecting accuracy. ELEY's team spent years experimenting, refining and testing, and in 2017 launched ELEY ventus our match-grade pellets.

The team continued their product and process development to ensure medal winning performance at the highest levels.

The result is ELEY tenex air. The essential statistics are .177 calibre, 4.49/4.50/4.51 diameters, and 8.2 grains. The key to consistency is in the materials selected, manufacturing techniques deployed, and the analysis and selection processes used to maintain the industry's strictest standards.

ELEY tenex air pellets deliver exceptional accuracy, 30% greater weight control than any competitor, and damage-resistant packaging.

The proof of their performance is in their early success: We gave prototype pellets to three elite shooters at the European Championships in Hungary and the ISSF World Cup in Mexico.

We came away with four medals and a new World Record!









Pellet Profile	Max RSD
Flat head	0.9mm
Head size	Weight
4.49mm / 4.50mm / 4.51mm	8.2 grains

E pistol/rifle air products



ventus

8.2gr, flat head

From the makers of the world's most accurate .22LR cartridges comes ELEY's .177 air pellet range.

ELEY has discovered that the diameter of the air pellet is key to optimum performance and flight.

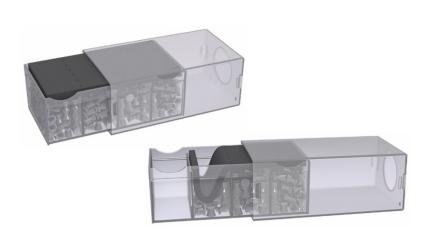
Ensuring that the pellet is the right fit for the barrel is essential - our range of three diameters (4.49mm / 4.50mm / 4.51mm) is designed so that shooters can find the correct size for their pistol or rifle.

All ELEY ventus pellets weigh 0.53g / 8.2g, which from our research is the optimum for both air rifles and air pistols. The consistent delivery of air pressure in rifles and pistols is crucial for performance, and minimising the variance from pellet to pellet within a batch also has a huge effect on accuracy.

At ELEY we make all our pellets to extremely tight tolerances and can claim over 30% superior weight variance within a batch.

The pellets are packed in a patented re-sealable and damage resistant box. The box is sectioned into four compartments overlaid with a foam cushion which minimises movement of the pellets and softens the impact if dropped.

ELEY air products are available to test in conjunction with any .22LR tenex test at the United Kingdom or German test ranges.









Pellet Profile	Max RSD
Flat head	1.6mm
Head size	Weight
4.49mm / 4.50mm / 4.51mm	8.2 grains



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