

ACCURACY DISTRICT



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.gzanders.com

sales@gzanders.com





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.



Selco Way, off First Avenue Minworth Industrial Estate Sutton Coldfield B76 1BA

Phone: +44 (0)121 313 4539 Email: MartynButtery@eley.co.uk



German test range

Stuttgarter Straße 120 Fellbach 70736

Phone: +49 (0)711 5208 7028 Email: DenisWeingart@eley.co.uk



USA test range

5999 U.S. Highway 83 Winters, TX 79567 Phone: +1 325-754-5771

Email: DanKillough@eley.co.uk



German test range

Olympia Schießanlage Garching Munich 85748

Phone: +49 (0) 711 5208 7028 Email: DenisWeingart@eley.co.uk



Canada test range

64186 393 Ave E Okotoks, AB T1S 0L1 Canada

Phone: +1 403-938-3255 Email: info@korthgroup.com



United Kingdom Online booking now available







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

317m/s - 331m/s

Mean Velocity ft/s

Max RSD 3.75mm Primer

1040ft/s - 1085ft/s

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





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 317m/s - 331m/s

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

Max RSD

Primer

5.50mm

ELEY Prime

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 317m/s - 331m/s

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

Primer

7.00mm

ELEY Prime



Lubricant

Paraffin-based

















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

Mean Velocity ft/s

Max RSD

Primer

276m/s - 287m/s

906ft/s - 942ft/s

4.05mm

ELEY Prime

tenex slow pistol .22LR

40gr, round nose

ELEY tenex slow pistol features a reduced charge of propellant for lower velocity, leading to increased consistency of recoil and feel.

ELEY's complete range of analytical tools assesses each round to ensure the highest possible performance demanded by the world's elite.



Mean Velocity m/s

Mean Velocity ft/s

Max MG 22mm

Primer

Lubricant

Beeswax-tallow

263m/s - 274m/s

Ep2723

862ft/s - 898ft/s

ELEY Prime



tenex rapid fire pistol .22LR

40gr, round nose

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

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

Mean Velocity m/s

Mean Velocity ft/s

Max MG

Primer

269m/s - 280m/s

882ft/s - 919ft/s

20_{mm}

ELEY Prime







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

Primer

4.90mm

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



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







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

Mean Velocity ft/s

Max RSD

Primer

335m/s - 354m/s

1100ft/s - 1160ft/s

4.50mm

ELEY Prime











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

317m/s - 332m/s

Mean Velocity ft/s 1040ft/s - 1090ft/s

Max RSD

Primer

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









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

Mean Velocity ft/s

Max MG

Primer

305m/s - 317m/s

1000ft/s - 1040ft/s

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



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





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.

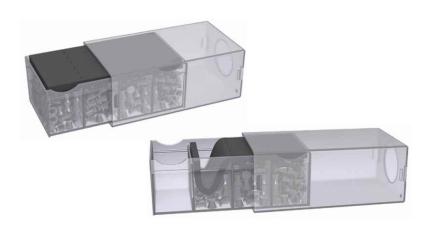
Ensuring that the pellet is the right fit for the barrel is essential - our range of three diameters (4.49mm / 4.50mm / 4.51mm) is designed so that shooters can find the correct size for their pistol or rifle.

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

