



ΩMEGA™ SNIPER AMMUNITION

"Precision & Accuracy"



PRIMETAKE LTD.

Primetake design, develop, manufacture and supply specialist ammunition (including Tactical 12G and Omega™ sniper/ match grade ammunition) pyrotechnics, distraction devices, saluting ammunition and other technical products for professional users within military and law enforcement, whilst continuing to offer a world leading range of bird scaring cartridges for the military and civil markets.

The company operates from a modern facility near Lincoln in the East of England and offers a worldwide distribution network, exporting high quality cost effective ammunition solutions across the world. Our products have a reputation for high performance, quality, reliability, safety and of course innovation and enjoy a worldwide following among many elite military and law enforcement units.

Primetake is part of Key Technologies Ltd, a leading defence and security technology group in the UK. Primetake is an ISO 9001 and ISO 14001 accredited company and along with their partners, endorse and subscribe to the TRAC and TRACE due diligence and anti-bribery platform owned and maintained by TRACE INTERNATIONAL INC.



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THE ΩMEGA™ SNIPER RANGE

Ωmega™ Sniper Ammunition

Primetake's Ωmega™ sniper range hosts a portfolio of specialist ammunition of unrivalled quality in 0.308", 0.338" and 0.50" calibre.

The Ωmega™ sniper ammunition is manufactured from match grade components for accuracy, precision and reliability for a variety of purposes including armour piercing, tracer, ballistic matching, subsonic and more. Primetake has the ability to tune ammunition to particular weapon systems and so optimise performance beyond that of its mass produced counterparts.

0.50" Cal Ωmega™ Sniper

Primetake's Ωmega™ sniper 0.50" Cal ammunition is manufactured to the highest standards to ensure world class precision, accuracy and reliability. The 0.50" Cal range spans from the Solid Brass round to Tracer, Armour Piercing and Armour Piercing Incendiary. Both Light Duty and Enhanced Performance variants are available to suit differing requirements.



0.338" Ωmega™ Sniper

The 0.338" Ωmega™ sniper ammunition has been developed to several variants including 250gn Open Tip Match, 300gn Open Tip Match and 250gn FMJ. The 0.338" range has huge scope for future developments in weapon optimisation and specific operational requirements.

0.308" Ωmega™ Sniper

Primetake's 0.308" Ωmega™ sniper range of ammunition hosts some of the most specialised and diverse products Primetake have designed and developed to date. With the unrivalled glass barrier defeating 'Special Purpose 2' round and highly accurate Subsonic round, Primetake brings world class specialist capability to the market.



Development

Primetake prides itself on technical excellence, employing an expert research and development team. Products are continuously reviewed for performance and consistency throughout their lifetime, enabling Primetake to stay ahead of the market; while a rigorous development process and a highly skilled workforce mean that every Primetake product is thoroughly tested and completed to an exceptional standard before leaving the premises.



12.7 x 99mm (0.50") 725gn Solid Brass

PT1584A

Description

Primetake's 0.50" Cal 725 grain round has been designed specifically for long range accuracy and precision. The projectile is precision engineered, boat tailed and monolithic for a superior ballistic coefficient. The monolithic nature also provides greater anti-material effect in comparison to standard lead core copper jacket variants. The 725 grain round and Primetake's 0.50" Cal Tracer round have an unrivalled trajectory/ ballistic match; enabling efficient and effective target identification and engagement.

PT1584A

Cartridge Length	138.40mm max.
Cartridge Weight	118.00g approx.
Projectile Weight	46.98g
Velocity at 2m	815m/s ±10m/s

Variations

PT1584A	725gn
PT1584	800gn
PT1584	800gn Molycoated



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")

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12.7 x 99mm (0.50") Tracer

PT1584E

Description

Primetake's 0.50" Cal Tracer round has been developed to provide trajectory and target identification, whilst maintaining sniper level accuracy. The red trace is visible beyond 1500 metres and has unrivalled ignition success rate. The Tracer and 725 grain Solid Brass round have an unrivalled trajectory/ ballistic match; enabling efficient and effective target identification and engagement. The projectile's profile emulates that of the 725 grain round and so has the same excellent ballistic properties. The monolithic nature also provides greater anti-material effect in comparison to standard lead core copper jacket variants. Primetake's 0.50" Cal Tracer round is an ideal training aid for snipers using this calibre.

PT1584E

Cartridge Length	138.40mm max.
Cartridge Weight	118.00g approx.
Projectile Weight	46.98g
Velocity at 2m	815m/s ± 10m/s
Illumination	≥ 1800m

A video of this round can be found on the Primetake YouTube channel.



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")

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12.7 x 99mm (0.50") Armour Piercing Light Duty

PT1584C

Description

Primetake's Armour Piercing Light Duty round has been developed to defeat armour at distances of 500 metres and beyond. The projectile penetrator geometry has been designed to pass through armour and to project displaced target material beyond the armour, thus maximising the destructive effect. The precision engineered corrosion resistant projectile easily penetrates 15mm R.H. (Rockwell Hardness) armour with hardness ratings of 320 – 370 HB (Hardness Brinell).

PT1584C

Cartridge Length	138.40mm max.
Cartridge Weight	118.75g approx.
Projectile Weight	48.60g
Velocity at 2m	800m/s ±15m/s

Variations

PT1584C	AP Light Duty
PT1584D	AP Enhanced Performance

A video of this round can be found on the Primetake YouTube channel.



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")



12.7 x 99mm (0.50") Armour Piercing Incendiary Light Duty PT1584F

Description

Primetake's Armour Piercing Incendiary Light Duty round has been developed to defeat armour at distances of 500 metres and beyond. The projectile penetrator geometry has been designed to pass through armour and to project displaced target material beyond the armour, thus maximising the destructive effect. The mechanical incendiary effect is propagated to both the front and rear of the hard target, maximising the probability of igniting combustible materials. The precision engineered corrosion resistant projectile easily penetrates 15mm R.H. (Rockwell Hardness) armour with hardness ratings of 320 – 370 HB (Hardness Brinell).

PT1584F

Cartridge Length	138.40mm max.
Cartridge Weight	118.00g approx.
Projectile Weight	46.98g
Velocity at 2m	815m/s ±10m/s

Variations

PT1584F	API Light Duty
PT1584B	API Enhanced Performance



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")



8.6 x 70mm (0.338") 300gn Open Tip Match

PT1571F

Description

Primetake's 0.338" 300 grain round has been designed specifically for long range accuracy and precision. The projectile is an open tipped, non-expanding boat tail with a superior ballistic coefficient, providing excellent energy retention and reduced wind drift, making this round effective beyond 1500 metres.

Primetake's sniper ammunition is hand loaded to extremely high tolerances, reducing velocity spread and thus reducing vertical group size at extreme distance.

PT1571F

Cartridge Length	93.50mm max.
Cartridge Weight	46.29g approx.
Projectile Weight	19.44g
Velocity at 2m	808m/s \pm 7m/s

Variations

PT1571F	300gn OTM
PT1571A	250gn OTM
PT1571	250gn FMJ



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")



7.62 x 51mm (0.308") 168gn Open Tip Match

PT3504A

Description

Primetake's 0.308" 168 grain round has been designed specifically for long range accuracy and precision. The projectile is an open tipped, non-expanding boat tail providing excellent accuracy even during transonic flight, making this round extremely effective beyond 1000 metres.

Primetake's sniper ammunition is hand loaded to extremely high tolerances, reducing velocity spread and thus reducing vertical group size at extreme distance.

PT3504A

Cartridge Length	71.10mm max.
Cartridge Weight	25.21g approx.
Projectile Weight	10.89g
Velocity at 2m	841m/s \pm 7m/s

Variations

PT3504A	168gn OTM
PT3504	175gn OTM



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")



7.62 x 51mm (0.308") Special Purpose 2

PT3504H

Description

Primetake's Special Purpose 2 round has been developed specifically to defeat common barriers such as double glazing or security glass, and continue on its original trajectory to the intended soft target. The round has been extensively qualified against glass types at angles up to 45°. The projectile has unrivalled mass retention beyond the hard target to impart maximum kinetic energy into the soft target.

Despite the primary characteristic of Special Purpose 2 being penetration of glass targets, with no deviation in trajectory, the rounds capabilities go far beyond this. The 154 grain, flat nosed, monolithic projectile is superior to standard lead core copper jacketed rounds in defeating any barrier. This combined with the flat trajectory and sniper grade accuracy beyond 300 metres makes Special Purpose 2 the ideal round for all urban combat.



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")

PT3504H

Cartridge Length	67.40mm max.
Cartridge Weight	24.32g approx.
Projectile Weight	9.98g
Velocity at 2m	800m/s ±5m/s



7.62 x 51mm (0.308") 200gn Subsonic

PT3504B

Description

Primetake's 0.308" Subsonic round has been developed specifically to reduce the user's sonic signature, whilst maintaining exceptional accuracy. The advantage of a reduction in sonic signature is two-fold, firstly the user's position is not revealed to the target and secondly, the user's activities will be less apparent to civilians.

The chosen projectile is a match grade 200 grain, non-expanding, full metal jacket. The energetic system has been developed to produce consistent subsonic velocity across extreme temperature ranges (-46°C to +63°C).

PT3504B

Cartridge Length	71.10mm max.
Cartridge Weight	25.20g approx.
Projectile Weight	12.96g
Velocity at 2m	325m/s \pm 7m/s



12.7 x 99mm (0.50")

8.6 x 70mm (0.338")

7.62 x 51mm (0.308")



BESPOKE DEVELOPMENTS

Development

Design, development and innovation are part of our DNA so we embrace the challenges that our professional customers set us. However, as well as extensively working with the professional market we are also able to offer our technical capabilities to industry and include a number of defence organisations within our customer base.

Recent examples of some of the projects undertaken by Primetake include the following.

Ballistic Matching

12.7mm (0.50") Tracer round ballistically matched to Primetake's standard ball round.



Defeating Barriers

7.62mm (0.308") SP2 sniper round for use in urban sniping scenarios whereby hard target penetration (usually toughened/ multi layered glass) is required with minimal loss of bullet mass and deflection. The projectile also has excellent terminal effect following barrier penetration.

Accurate Subsonic

7.62mm (0.308") Subsonic sniper round achieving world class accuracy and subsonic performance across extreme temperature ranges.

Counter Terror

9mm Counter Terror; whilst retaining its market leading terminal effects, this new enhanced round offers superior penetration against multiple layers of outer clothing whilst massively reducing the risk of over penetration.



Optimisation

We are particularly proud to offer the ability to optimise all of our Ω mega™ sniper range products for use in the various weapon systems used by our clients, thus ensuring maximum performance from any rifle, suppressor and ammunition combination.

Finally we would welcome further dialogue in relation to the development of any new 'munition' and whilst aware of the sensitivities of such discussions/ projects are able to offer a team of security cleared staff to discuss these further with you.



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