

ALWAYS  
ON *target*®

# 9MM & 5.56MM CQT®

CLOSE QUARTERS TARGET PRACTICE CARTRIDGES

## INNOVATIVE CQT® CARTRIDGES

The innovative CQT® cartridges are designed using patented reduced-energy technology and works with a simple conversion kit, ensuring proper weapon functioning. Available in 5.56mm and 9mm, the CQT® cartridges are target practice training rounds, powered by a primer and a small amount of propellant.

At tactical ranges, the Mean Point of Impact (MPI) of the CQT® will approximate the MPI of ball ammunition. They are used for target practice only and **are never to be fired at personnel, as they are considered lethal ammunition.**

## THE CQT® CARTRIDGES HAVE MANY IMPRESSIVE FEATURES:

- > Non-toxic projectile
- > Accurate at tactical ranges, but reduced safety template
- > Similar recoil and sound level to ball ammunition
- > Function in user's own converted service weapon

## ADVANTAGES:

- > Convenience of target practice any time, any place, indoors or out
- > Greatly reduces damage to training structures
- > Reduced lethality compared to ball
- > Surface Danger Zone (SDZ) is less than 1% of conventional munitions

## ADDITIONAL BENEFITS FOR THE CQT® CONVERSION KIT:

- > User-friendly installation; no tools required for temporary conversion
- > Helps preclude the inadvertent chambering of live ammunition
- > Works with the user's service weapon without adding extra weight
- > Realistic weapon functioning, capable of firing in single-shot, burst and fully-automatic modes



## THE CQT® CARTRIDGES ARE IDEAL FOR TRAINING:

- > Basic firearms familiarization and skill development
- > Advanced tactical shooting exercises
- > Static or reactive target practice without a range or ballistic facility
- > On conventional ranges or in shoot houses
- > Shoot/no shoot decisions on pop-up targets
- > Urban training (MOUT/FIBUA)



COMPONENTS*	9MM	5.56MM
Projectile mass	0.43g (6.6 grains)	0.3g (4.7 grains)
Projectile material	Polymer	Polymer
Cartridge case	Copper alloy 260	Copper alloy 260
Primer	Small pistol TOXFREE® primer	Small rifle primer
Propellant	Single or double-base smokeless powder	Single or double-base smokeless powder
BALLISTIC DATA*		
Nominal velocity at 3.5m (12ft): 21°C (70°F)	230m/s (755fps)	300-450m/s (985-1,475fps); varies with weapon
Accuracy at 21°C (70°F)	Extreme spread 15cm (6in) at 10m (33ft)	Extreme spread less than 15cm (6in) at 30m (100ft), depending on the weapon
Effective range for target practice	Approx. 10m (33ft)	Approx. 50m (165ft)
Safety template	Less than 240m (787ft)	Less than 330m (1,082ft)
Muzzle energy at 3.5m	11 joules (8.1ft-lb)	30 joules (22.12ft-lb)
Ballistic match	-6cm (-2.5in) difference to MPI of ball ammunition at 10m (33ft)	-15cm (-6in) difference to MPI of ball ammunition at 30m (100ft)
TERMINAL EFFECT*		
Terminal ballistics	No perforation on 12.7mm (1/2in) high quality plywood at 5m (16ft) or on 9.5mm (3/8in) at 10m (33ft)	No perforation on 12.7mm (1/2in) high quality plywood at 50m (165ft)
USE		
General	For use with Always on Target® conversion kit	For use with Always on Target® conversion kit
Operational temperature range	-20°C to 52°C (-4°F to 126°F)	-20°C to 52°C (-4°F to 126°F)
Firing modes	Single shot, burst and fully-automatic	Single shot, burst and fully-automatic
Weapons	Various pistols and submachine guns. Refer to <a href="http://www.simunition.com">www.simunition.com</a> for a listing of all available models.	Various rifles and machine guns with 1 in 7in twist. Refer to <a href="http://www.simunition.com">www.simunition.com</a> for all available models.
STORAGE		
Recommended storage	Cool, dry environment, 25°C (77°F) max.	Cool, dry environment, 25°C (77°F) max.
Shelf life	Five years, in original packaging	Five years, in original packaging
Warranty	One year	One year

\* Dimensions, weights and velocities are nominal. Values are dependent on type of weapon, barrel length, rifling, cleanliness, etc.

## GUIDELINES FOR USE

- Use only under the direction of a qualified Simunition® Training Safety Officer
- **CQT® is considered lethal ammunition, not for use on human targets!**
- Intended for law enforcement and military training
- Use only in well-maintained, properly functioning firearms
- Use only in firearms which have been converted with a Simunition® conversion kit
- Clearly identify converted weapons for CQT® with yellow tape on the trigger guard, grip and on the magazine
- Always keep the barrel free of any obstruction
- If the gun fails to fire, avoid exposure to the breech when unloading and always point the muzzle in a safe direction
- After training, kits and weapons must be thoroughly cleaned and lightly lubricated to avoid potential functioning problems
- Improper use can cause serious injury or damage
- General Dynamics assumes no responsibility for injuries, loss or damage resulting from misuse of this ammunition
- Users must wear approved eye and ear (level 1) protection during training exercises

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