

Limit your range... ...not your training™

WITH 5.56 MM AND 7.62 MM **SHORT STOP®**
BALL AND TRACER SHORT-RANGE TRAINING AMMUNITION



Short Stop® short-range training ammunition (SRTA) rounds are designed for use on ranges where ricochet and stray bullets present a problem. The unique design of the Short Stop® bullet allows it to match the accuracy of conventional ammunition at 100 m, while reducing maximum range to 600 m. All Short Stop® cartridges feature projectiles produced from a frangible copper-filled polymer, which lowers the danger of ricochet and splashback while eliminating environmental contamination.

Type classified as M973 (ball) and M974 (tracer) for US DoD.

Features and advantages:

- No weapon modifications required
- Non-toxic projectiles
- Greatly reduced safety/danger zone; greater training flexibility
- Excellent accuracy and ballistic match to conventional ammunition at 100 m
- Convoy protection, live-fire training
- Same recoil, noise level and function as conventional ammunition
- Frangible projectiles; decreased damage to range infrastructure and targets
- Surface Danger Zone (SDZ) is approximately 1% of conventional munitions



5.56mm

7.62mm



Applications:

- Training in urban areas with greatly reduced safety templates
- Training on indoor ranges where reduced ricochet is critical
- Sniper-initiated assault training at facilities using improvised bullet traps
- Firing off ships at remote targets



ALWAYS
ON *target*®

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COMPONENTS	5.56 x 45 mm	7.62 x 51 mm
Projectile mass	2.25 g (35 grains)	4 grams (62 grains)
Projectile material	Copper/nylon frangible compound	Copper/polymer frangible compound
Cartridge case	Brass (copper alloy 70/30)	Brass (copper alloy 70/30)
Primer	Boxer type	Boxer type
Propellant	Single or double-base smokeless powder	Single or double-base smokeless powder

BALLISTIC DATA (fixed test barrel)

Maximum range	600 m (1,970 ft.)	600 m (1,970 ft.)
Trajectory match	Less than 1 cm difference to MPI at 25 m (vs ball)	±1 mil at 100 m (330 ft.) vs conventional ball
Accuracy (indoors)	10 cm (4 in.) mean radius at 100 m (328 ft.)	5 cm (2 in.) mean radius at 100 m (330 ft.)
Velocity at 21° C (70° F)	820 m/s (2690 ft./s) at 24 m (80 ft.)	800 m/s (2,625 ft./s) at 24 m (80 ft.)
Chamber pressure at 21° C (70° F)	252 MPA (36,550 Psi)	185 MPA (26,835 psi)

TERMINAL EFFECT

Frangibility	The projectile breaks up and does not perforate a 6.4 mm thick (1/4 in.) armored steel plate when fired perpendicularly at 10 m (33 ft.)	The projectile breaks up and does not perforate a 6.4 mm thick (1/4 in.) armored steel plate when fired perpendicularly at 10 m (33 ft.)
Splashback at 1,2 m (48") from target	None	None
Gelatine penetration	Similar to conventional ball	Similar to conventional ball

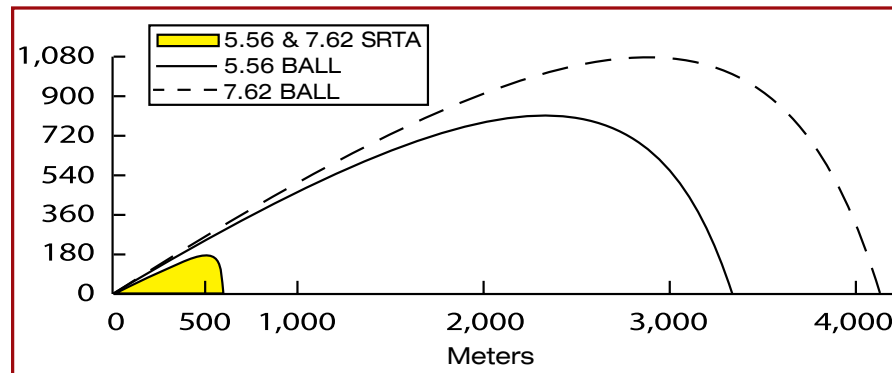
USE

General	For use in bolt-action and gas-operated weapons without any modification	For use in bolt-action and gas-operated weapons without any modification
Handling	This lethal frangible ammunition requires the same handling and safety precautions as with service ammunition	This lethal frangible ammunition requires the same handling and safety precautions as with service ammunition
Firing modes	Single shot, burst and fully-automatic	Single shot, burst and fully-automatic
Noise level	Comparable to service rounds	Comparable to service rounds

STORAGE

Recommended storage	Cool, dry environment	Cool, dry environment
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Trajectory analysis



.50 cal SRTA
Under Development

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www.always-on-target.com

www.gd-otscanada.com

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