



PRODUCT CATALOG

# SIMUNITION®

***Training*** FOR  
THE ***REAL WORLD***®

MAY 2023

# SIMUNITION®

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Information published herein is subject to change at manufacturer's discretion without notice.



A dark blue silhouette of a person in profile, holding a rifle and aiming it to the right. The silhouette is positioned in the lower-left quadrant of the page, partially overlapping the main text area.

# SIMUNITION®

## Pioneer of Non-Lethal Realistic Based Training

SINCE 1992, SIMUNITION® HAS BEEN THE PIONEER AND WORLD LEADER IN PROVIDING MILITARY, LAW ENFORCEMENT AND APPROVED RANGE MEMBERS WITH THE MOST REALISTIC AND **NON-LETHAL** REALISTIC BASED, SIMULATION TRAINING SYSTEM.

For over 25 years, military and police officers around the world have placed their trust in Simunition® to deliver realistic training.

Professionals whose lives depend on the best training possible know that they can always count on Simunition® FX® marking and SecuriBlank® ammunition to provide them with the most effective close range, reality-based training system.

The FX® system is comprised of FX® and SecuriBlank® training ammunition, conversion kits and personal protective equipment. All three of these essential components are supported by a comprehensive Simunition® Scenario and Safety Certification Training Course.



# INTEGRATED REALISTIC BASED TRAINING SYSTEM

- / Fully integrated training system
- / Top of the industry for quality and reliability
- / Realistic based training without the associated danger
- / Training ammunition designed to function in Simunition® converted weapons

Simunition®  
Conversion Kits

Non-Lethal  
Training Ammunition



Personal  
Protective Equipment

Simunition®  
Safety Certification Course





# **SIMUNITION®**

## TRAINING FOR THE REAL WORLD®



/ WORLD RENOWNED



/ ESTABLISHED DISTRIBUTION  
NETWORK



/ LONG TERM CUSTOMER  
SATISFACTION VALUES



**GO FURTHER  
WITH SIMUNITION® >**



# SIMUNITION® CONVERSION KITS

- / ONLY ONE CONVERSION KIT REQUIRED TO FIRE SECURIBLANK® AND FX® TRAINING AMMUNITION
- / CONVERSION KITS AVAILABLE FOR MULTIPLE WEAPONS
- / EASILY INSTALLED WITHOUT MODIFICATION ON SERVICE WEAPON
- / DESIGNED AND MANUFACTURED FOR OPTIMUM SAFETY AND RELIABILITY

**CONVERSION KIT LIST AND RELATED PRODUCTS >**



# SIMUNITION® CONVERSION KITS

## RIFLE



## PISTOL



## SUBMACHINE GUN





## MACHINE GUN



## SHOTGUN



## DEDICATED WEAPON



## GRENADE LAUNCHER



# SIMUNITION® CONVERSION KITS

## SAFETY

- / EACH CONVERSION KIT IS DESIGNED TO FIRE FX® AND SECURIBLANK® **NON-LETHAL** TRAINING AMMUNITION ONLY
- / CONVERSION KIT SAFETY FEATURES ARE WEAPON DEPENDENT
- / CONVERSION KIT DOES NOT ALTER THE USE OF WEAPON SAFETY FEATURES

## PERFORMANCE

- / REALISTIC RECOIL, FEEDING, EXTRACTION AND EJECTION FUNCTION WITH FX® AND SECURIBLANK® **NON-LETHAL** TRAINING AMMUNITION

## RELIABILITY

- / CONVERSION KIT DOES NOT DAMAGE THE WEAPON WHEN USED WITH SIMUNITION® APPROVED AMMUNITION
- / SIMUNITION® CONVERSION KIT ENSURES PROPER OPERATION AND CYCLING OF THE SERVICE WEAPON
- / SIMUNITION® CONVERSION KITS HAVE A 5 YEAR OR 10 000 SIMUNITION® ROUNDS FIRED WARRANTY

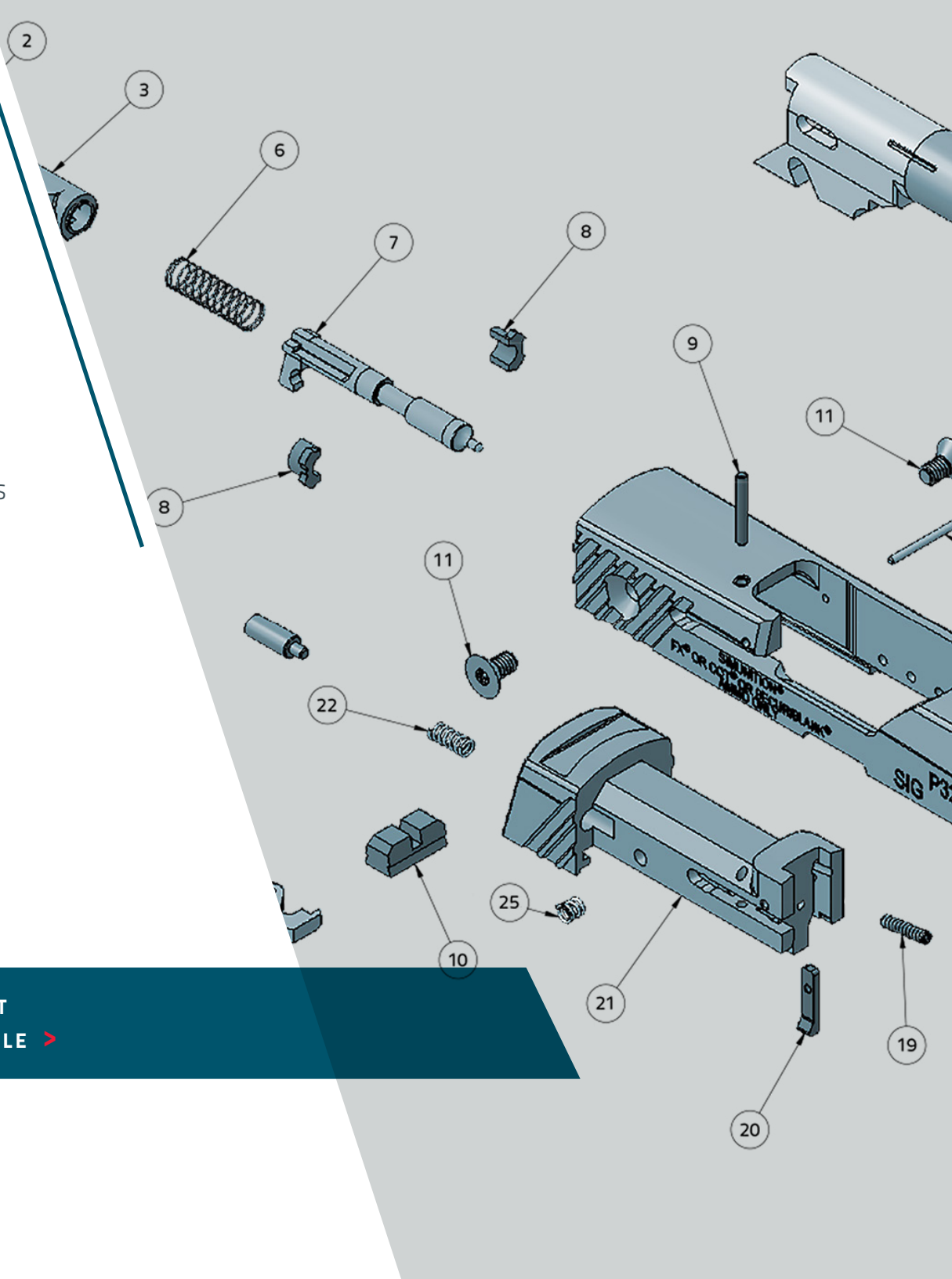
[CONVERSION KIT LIST AND RELATED PRODUCTS >](#)

# SPARE PARTS

KEEP YOUR SIMUNITION® CONVERSION KITS  
IN TOP CONDITION WITH OUR SPARE PARTS  
MAINTENANCE SERVICE

- / FIND YOUR PARTS EASILY THROUGH  
OUR SPARE PARTS LIST
- / IF YOU NEED SUPPORT, PLEASE CALL  
YOUR LOCAL SIMUNITION® DISTRIBUTOR

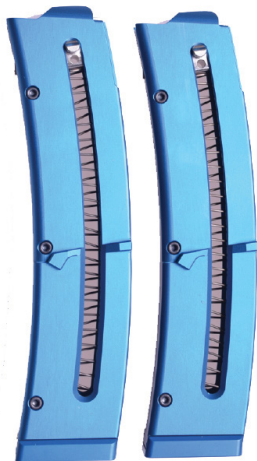
PLEASE CONSULT THE CONVERSION KIT LIST  
FOR THE SPARE PARTS DRAWINGS AVAILABLE >





# MAGAZINES

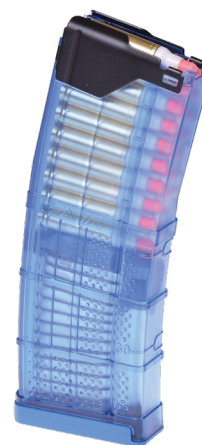
MAGAZINES FOR FX® AND SECURIBLANK®  
**NON-LETHAL** TRAINING AMMUNITION



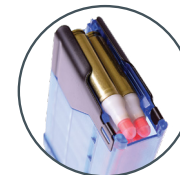
9 mm MP7 magazine  
for SecuriBlank® and FX®



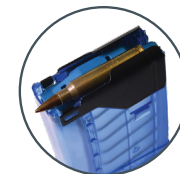
9 mm M4/M16 Weapon type  
Upper Magazine  
for SecuriBlank® and FX®.  
Also available for HK 416  
weapon.



5.56 mm M4/M16 Weapon type  
magazine for SecuriBlank®  
and FX®



FX® and SecuriBlank®  
ammunition only



100% live 5.56 mm NATO  
ammunition discrimination

Please call before ordering magazine for your specific weapon type.

**CONVERSION KIT LIST AND RELATED MAGAZINES >**



## SecuriBlank® CARTRIDGES

- / CLEANER THAN CONVENTIONAL BLANKS
- / PATENTED REDUCED-ENERGY TECHNOLOGY



INERT  
9 mm



QUIET  
9 mm



LOUD  
9 mm



QUIET  
5.56 mm



LOUD  
5.56 mm



LOUD  
7.62X51 mm





## SecuriBlank® QUIET



THE **SecuriBlank® QUIET** SETS A NEW STANDARD AS  
THE WORLD'S BEST SOUNDLESS BLANK CARTRIDGE



NO HEAVY METALS



HEARING PROTECTION

NOT Required  
but recommended



EYEWEAR

Required



STAND-OFF DISTANCE

0 cm (0 ft)



MUZZLE ENERGY

0 joule



TERMINAL EFFECT

NO perforation of witness  
paper at **point blank**

## FEATURES

No Blank Firing Attachment  
(BFA) required

Close range training

No muzzle blast and  
excessive noise levels

Environmentally friendly

No gas discharge

Available in 9 mm and 5.56 mm

Reach compliant

**CONSULT COMPLETE TECHNICAL INFORMATION >**



CLASSROOM  
DEMONSTRATIONS



DEFENSIVE  
TACTICS TRAINING



NEW STUDENT TO PRACTICE  
WEAPON CONTROL





## SecuriBlank® LOUD



INTERACTIVE  
TRAINING SYSTEMS

WEAPON SAFETY  
HANDLING

K9  
TRAINING

SecuriBlank® LOUD USES THE SIMUNITION® PATENTED REDUCED-ENERGY TECHNOLOGY AND WORKS WITH A SIMUNITION® CONVERSION KIT, INCREASING SAFETY AND ENSURING PROPER WEAPON FUNCTIONING



NO HEAVY METALS



HEARING PROTECTION

Required



EYEWEAR

Required



STAND-OFF DISTANCE

1 m (3 ft)



MUZZLE ENERGY

0.1 joule



TERMINAL EFFECT

NO perforation of witness  
paper at 1 meter (3 feet)

## FEATURES

No Blank Firing Attachment (BFA) required

Convenient for training  
any time

Compatible with I-Miles and SAAB training system

Available in 9 mm, 5.56 mm and 7.62x51 mm

Reach compliant



## SecuriBlank® INERT



NO PRIMER

THE **SecuriBlank® INERT** CARTRIDGE IS USED FOR SIMULATING MANUAL CYCLING, MAGAZINE FEEDING, AND CLEARING PROCEDURES WITH A WEAPON EQUIPPED WITH A SIMUNITION® CONVERSION KIT.



NO HEAVY METALS

N/A



HEARING PROTECTION

NOT Required



EYEWEAR

NOT Required



STAND-OFF DISTANCE

N/A



MUZZLE ENERGY

N/A



TERMINAL EFFECT

N/A

## FEATURES

Inert, No Primer, No Propellant

Use with Simunition® Conversion Kit

Use anywhere live Simunition®

Training Cartridge is not acceptable

Environmentally friendly

Reusable

Ideal for classroom training

Available in 9 mm only

**CONSULT COMPLETE TECHNICAL INFORMATION >**



SAFE CLASSROOM  
DEMONSTRATION



SIMULATE WEAPON  
CLEARING PROCEDURE



PRATICE WITH SAFE INERT  
SIMUNITION® CARTRIDGE

**SIMUNITION®** GENERAL DYNAMICS  
Ordnance and Tactical Systems



## TECHNICAL INFORMATION



HEARING  
PROTECTION



EYEWEAR



STAND-OFF  
DISTANCE



MUZZLE  
ENERGY



TERMINAL  
EFFECT



NOISE LEVEL  
PEAK



Gen  
2



9 mm  
5.56 mm

Not required  
but recommended

Required

0 m (0 ft)

0 joule

NO perforation  
of paper at 0  
meter (0 ft)

LOW noise from  
weapon cycling



Gen  
2



9 mm  
5.56 mm

Required

Required

1 m (3 ft)

0.1 joule

NO perforation  
of paper at  
1 meter (3 ft)

158 dB for 9 mm  
156 dB for  
5.56mm



9 mm

Not required

Not Required

N/A

N/A

N/A

N/A

SEE CONVERSION  
KIT COMPATIBILITY >

\* Sound level taken at 100 cm from muzzle  
and 160 cm above ground.





## TECHNICAL INFORMATION



HEARING  
PROTECTION



EYEWEAR



STAND-OFF  
DISTANCE



MUZZLE  
ENERGY



TERMINAL  
EFFECT



NOISE LEVEL  
PEAK



7.62x51 mm

Required

Required

1 m (3 ft)

0.1 joule

NO perforation  
of paper at  
1 meter (3 ft)

TBD\*

\* Sound level taken at 100 cm from muzzle  
and 160 cm above ground.

SEE CONVERSION  
KIT COMPATIBILITY >

**SIMUNITION** **GENERAL DYNAMICS**  
Ordnance and Tactical Systems



## FX<sup>®</sup> MARKING and NON-MARKING CARTRIDGES

- / DESIGNED FOR UNSURPASSED PERFORMANCE WITH SIMUNITION<sup>®</sup> CONVERSION KITS ONLY
- / NON-TOXIC AND **NON-LETHAL** CARTRIDGE
- / VISIBLE AND PHYSICAL IMPACT AWARENESS ALLOWS ACCURATE ASSESSMENT OF SIMULATED LETHALITY
- / USED WITH FX<sup>®</sup> PERSONAL PROTECTIVE EQUIPMENT, INCLUDING MANDATORY HEAD, THROAT AND GROIN PROTECTION
- / REACH COMPLIANT

TECHNICAL SPECIFICATIONS >





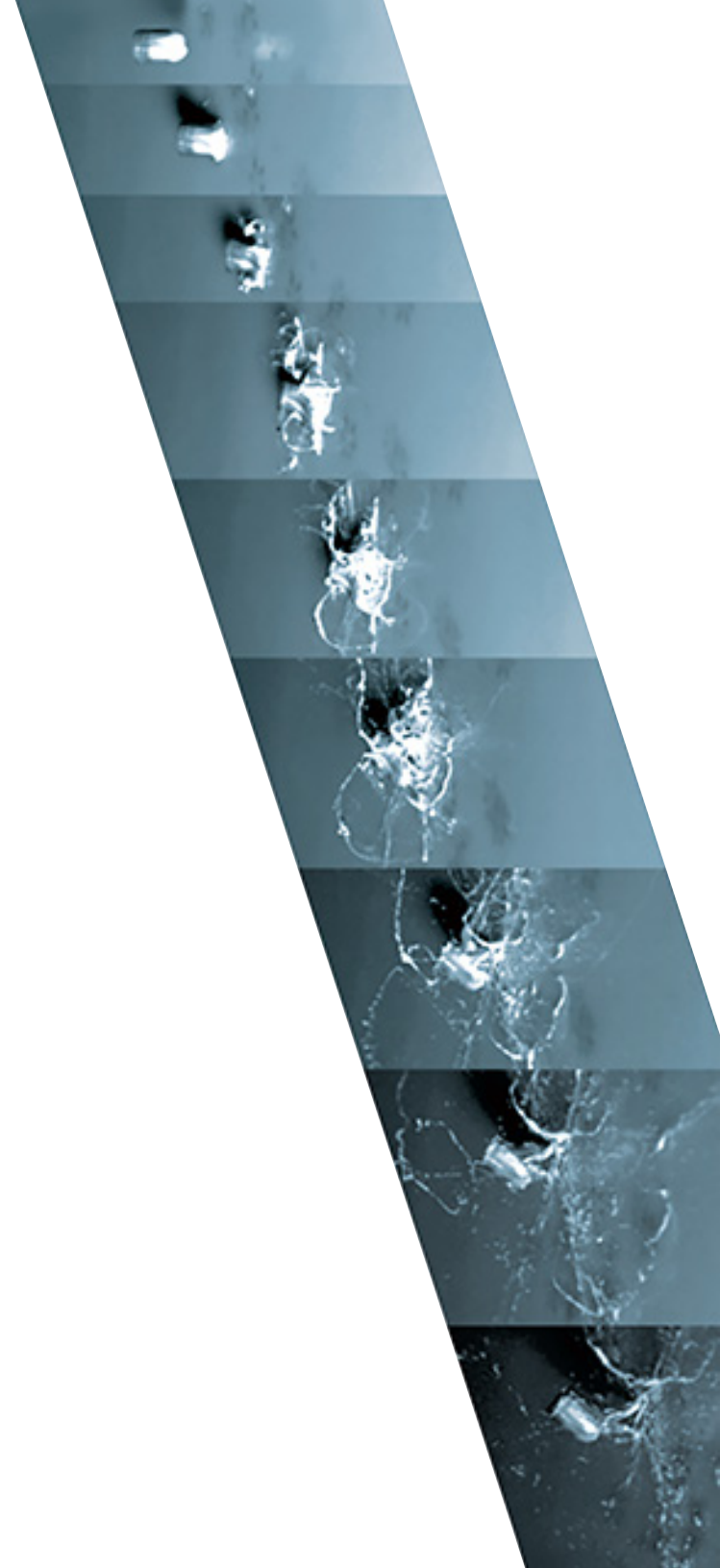
## SUPERIOR FX® MARKING COMPOUND

- / THE FX® MARKING AMMUNITION IS KNOWN AS «THE WORLD'S MOST REALISTIC CLOSE-RANGE COMBAT TRAINING SYSTEM»
- / SAFEST NON-LETHAL PROJECTILE TECHNOLOGY THAT ENSURES OPERATOR SAFETY WHILE MAXIMIZING OPERATIONAL PERFORMANCE
- / SIMUNITION® MARKING COMPOUND IS UNMATCHED IN THE INDUSTRY
  - \_Water soluble marking compound
  - \_Marking imprint highly visible
  - \_Excellent washability in cold water
  - \_Cost effective for infrastructure and equipment maintenance
  - \_Available in six colors
  - \_Reach compliant



## FX<sup>®</sup> PROJECTILE TERMINAL EFFECT

- / **FOR ALL CALIBERS, THE PATENTED FX<sup>®</sup> PROJECTILE DESIGN** is unique in the industry and engineered to maximize accuracy down range and provide unsurpassed safety to the operators
- / **FOR NON-LETHAL TRAINING AMMUNITION**, a trade-off will always exist between muzzle velocity and impact safety
- / **ACCURACY** is maximized down range by achieving higher muzzle velocities than our competitors while remaining safe on impact with a mushrooming soft polymer projectile
- / **UNSURPASSED OPERATOR SAFETY** is achieved by a series of innovative design features that are activated upon initial contact with target



# FX<sup>®</sup> PROJECTILE TERMINAL EFFECT



01

## IN FLIGHT

Projectile is spin stabilized up to effective engagement range.



02

## ENERGY DISSIPATION ON IMPACT BY DEFORMATION

Upon initial contact, impact energy is partially transformed into projectile deformation energy; hence slowing down the projectile.



03

## MARKING COMPOUND EXPELLED

Deformation of the FX<sup>®</sup> projectile expels the marking compound through the star shaped openings.



04

## LARGER PROJECTILE DIAMETER FOR NON-PENETRATION SAFETY

Final impact energy is then transferred on a much larger impact diameter that serves two purposes:

- / Distributes impact force over a larger surface
- / Increases diameter of projectile to ensure non-skin penetration performance

# FX<sup>®</sup>

## FX<sup>®</sup> MARKING CARTRIDGES



THE WORLD'S MOST INTERACTIVE COMBAT TRAINING SYSTEM FOR THE ULTIMATE LEVEL OF REALISM



NO HEAVY METALS



HEARING PROTECTION

Recommended



Head



Neck



Groin

SIMUNITION APPROVED<sup>®</sup>

- / **Non-lethal** cartridge for Reality Based Training
- / Available in 9 mm, 5.56 mm and 7.62 x 51mm

- / Available in up to six colors
- / Very easy to clean; water soluble
- / No special ballistic facility required
- / Reach compliant



**TECHNICAL SPECIFICATIONS** >

**CONVERSION KIT LIST  
AND RELATED PRODUCTS** >

\*No exposed bare skin recommended.





# FX<sup>®</sup>

## FX<sup>®</sup> NON-MARKING CARTRIDGES



THE WORLD'S MOST INTERACTIVE COMBAT TRAINING SYSTEM FOR THE ULTIMATE LEVEL OF REALISM



NO HEAVY METALS



HEARING PROTECTION

Recommended



Head



Neck



Groin

SIMUNITION APPROVED<sup>®</sup>

- / **Non-lethal** cartridge for Reality Based Training
- / Train in public areas without the marking feature in schools, hospitals and office buildings
- / No marking imprint to clean

- / Compatible with laser based training simulators
- / Available in 9 mm, 5.56 mm and 7.62 x 51 mm
- / Reach compliant

**TECHNICAL SPECIFICATIONS >**

**CONVERSION KIT LIST AND RELATED PRODUCTS >**



TRAINING IN SCHOOL OR OFFICE BUILDING



SITUATIONAL TRAINING



MISSION REHEARSAL



# TECHNICAL INFORMATION



PROJECTILE WEIGHT



STAND-OFF DISTANCE



MUZZLE VELOCITY



ACCURACY



IMPACT ENERGY

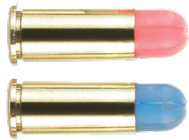


MAXIMUM RANGE



SOUND LEVEL

## .38/.357 Cal FX®



Available colors ● ●

0.65 gram  
10 grains

30 cm  
(1 ft)

90-130 m/s\*  
(295-425 fps\*)

15 cm at 7.6 m\*\*  
(6 in at 25 ft\*\*)

2.6-5.5 joules

\*\*\*160 m  
(525 ft)

N/A

DISCONTINUED

## 9 mm FX®

MARKING



Available colors ○ ● ● ● ● ●

0.4 gram  
6.2 grains

30 cm  
(1 ft)

110-160 m/s\*  
(360-525 fps\*)

15 cm at 7.6 m\*\*  
(6 in at 25 ft\*\*)

2.4-5.1 joules

\*\*\*150 m  
(492 ft)

\*\*\*\*147dB

NON-MARKING



0.2 gram  
3 grains

30 cm  
(1 ft)

120-190 m/s\*  
(394-623 fps\*)

15 cm at 5 m\*\*  
(6 in at 17 ft\*\*)

0.8-1.7 joules

\*\*\*150 m  
(492 ft)

\*\*\*\*147dB

\*Weapon dependent and velocity taken at 3.5 m from muzzle.

\*\* Maximum spread.

\*\*\* Wind speed 0m/s, elevation 68.8°.

\*\*\*\* Sound level taken at 100 cm from muzzle and 160 cm above ground.

SEE CONVERSION

KIT COMPATIBILITY >



## TECHNICAL INFORMATION



NO HEAVY METALS



PROJECTILE  
WEIGHT



STAND-OFF  
DISTANCE



MUZZLE  
VELOCITY



ACCURACY



IMPACT  
ENERGY



MAXIMUM  
RANGE



SOUND  
LEVEL

### 5.56 mm FX®

#### MARKING



0.23 gram  
3.5 grains

1 m  
(3.3 ft)

190 m/s\*  
(625 fps\*)

20 cm at 30 m\*\*  
(8 in at 100 ft\*\*)

4.2 joules\*

\*\*\* 140 m  
(460 ft)

\*\*\*\* 138dB

Available colors for  
marking cartridges



#### NON-MARKING



0.115 gram  
1.77 grains

1 m  
(3.3 ft)

190 m/s\*  
(625 fps\*)

20 cm at 12 m\*\*  
(8 in at 40 ft\*\*)

2.1 joules\*

\*\*\* 140 m  
(460 ft)

\*\*\*\* 138dB

\* Weapon dependent and velocity taken at 3.5 m from muzzle.

\*\* Maximum spread.

\*\*\* Wind speed 0m/s, elevation 68.8°.

\*\*\*\* Sound level taken at 100 cm from muzzle and 160 cm above ground.

SEE CONVERSION

KIT COMPATIBILITY >

**SIMUNITION** GENERAL DYNAMICS  
Ordnance and Tactical Systems



## TECHNICAL INFORMATION



NO HEAVY METALS



PROJECTILE  
WEIGHT



STAND-OFF  
DISTANCE



MUZZLE  
VELOCITY



ACCURACY



IMPACT  
ENERGY



MAXIMUM  
RANGE



SOUND  
LEVEL

5.56 mm FX®



MARKING



0.29 gram  
4.5 grains

1 m  
(3.3 ft)

160 m/s\*  
(525 fps\*)

REDUCED MUZZLE  
VELOCITY

30 cm at 30 m\*\*  
(12 in at 100 ft\*\*)

3.7 joules\*

\*\*\* 140 m  
(460 ft)

\*\*\*\* 138dB

Available colors for  
marking cartridges



NON-MARKING



0.2 gram  
3.1 grains

1 m  
(3.3 ft)

160-200 m/s\*  
(525-656 fps\*)  
weapon  
dependent

REDUCED MUZZLE  
VELOCITY

30 cm at 30 m\*\*  
(8 in at 100 ft\*\*)

2.6-4 joules\*

\*\*\*140 m  
(460 ft)

\*\*\*\* 138dB

SEE CONVERSION

KIT COMPATIBILITY >

\*Weapon dependent and velocity taken at 3.5 m from muzzle.

\*\* Maximum spread.

\*\*\* Wind speed 0m/s, elevation 68.8°.

\*\*\*\* Sound level taken at 100 cm from muzzle and 160 cm above ground.





## TECHNICAL INFORMATION



NO HEAVY METALS



PROJECTILE  
WEIGHT



STAND-OFF  
DISTANCE



MUZZLE  
VELOCITY



ACCURACY



IMPACT  
ENERGY



MAXIMUM  
RANGE



SOUND  
LEVEL

### 7.62 x 51 mm FX<sup>®</sup> MARKING



Available colors for  
marking cartridges



0.4 gram  
6.2 grains

1 m  
(3.3 ft)

140/170 m/s\*  
(460/557 fps\*)

30 cm at 30 m\*\*  
(12 in at 100 ft\*\*)

3.9-5.7 joules\*

TBD\*

TBD\*

### 7.62 x 51 mm FX<sup>®</sup> NON-MARKING



.27 gram  
4.17 grains

1 m  
(3.3 ft)

140-170 m/s\*  
(460-558 fps\*)

TBD

2.6-3.9 joules\*

TBD\*

TBD\*

\* Weapon dependent and velocity taken at 3.5 m from muzzle.

\*\* Maximum spread.

\*\*\* Wind speed 0m/s, elevation 68.8°.

\*\*\*\* Sound level taken at 100 cm from muzzle and 160 cm above ground.

SEE CONVERSION

KIT COMPATIBILITY >

**SIMUNITION** GENERAL DYNAMICS  
Ordnance and Tactical Systems

## PERSONAL PROTECTIVE EQUIPMENT

# FX<sup>®</sup>

HEAD PROTECTOR  
MANDATORY WITH FX<sup>®</sup>

1

NECK PROTECTOR  
MANDATORY WITH FX<sup>®</sup>

2

3

4

5

6

GROIN PROTECTOR  
MANDATORY WITH FX<sup>®</sup>

7

8

## SIMUNITION® CERTIFIED PERSONAL PROTECTIVE EQUIPMENT

Simunion® is the world's most realistic and effective interactive training system, allowing force-on-force scenarios where participants can safely fire FX® marking cartridges at one another.

In order to reduce the risk of injury during these highly dynamic scenarios, Simunion® has developed a full line of protective equipment for all individuals.

This equipment is an integral part of the FX® training system.



## ADVANTAGES

- / Designed, tested and approved to withstand 5.56 mm, 9 mm and .38 cal. FX® marking cartridges
- / Allows safe and realistic interactive training
- / Lightweight; comfortable and adjustable
- / Reduced pain penalty
- / Ability to act as you are hit
- / Good marking imprint characteristics
- / Easy to wash and dry

## FX® 9002 HELMET HEAD PROTECTOR



### MANDATORY EQUIPMENT

The one-piece **FX® 9002 Helmet**, Head Protector provides complete head protection and can be worn with eyeglasses. The shell of this easy-to-clean head protector is produced from high-quality material and comes with two adjustable straps.

Lenses are tested for impact resistance according to ANSI Z87.1 and EN166 standards, for additional details consult: Assessment Tests Performed on Simunition® FX® 9002 and FX® 9003 Goggles on Simunition® Extranet Site.

The FX® 9002/9003 Helmet Head Protector has not been designed to be used with Force on Force® ammunition. Therefore DO NOT USE the FX® 9002/9003 Helmet Head Protector with Force on Force® ammunition.

Only the new upgraded FX® 9004 Helmet Head Protector has been designed and qualified for use with all Simunition® FX® training marking ammunition as well as Force on Force® ammunition.

\*Blue rubber deflector available for purchase as a spare part (8971292SP).



CLEANING INSTRUCTIONS >



USER MANUAL >



QUAD CHARTS AND TECHNICAL INFORMATION >  
(Simunition® Extranet Site for distributors only)



# FX<sup>®</sup> 9003 HELMET HEAD PROTECTOR

1



Available in black  
or tan\*

## MANDATORY EQUIPMENT

The FX<sup>®</sup> 9003 Helmet, Head Protector provides proper cheek well for improved target aiming. It is adaptable with most type of service helmets and is compatible with most Night Vision Goggles. It has optimal breathability and lens airflow as well as hearing and voice transmission capability. This head protector can be worn with most personal prescription corrective eye wear frames and accommodates ESS<sup>®</sup> and Revision<sup>®</sup> RX corrective vision inserts. It comes with a removable modular hard top for users without service helmet. It is comfortable, lightweight, easy to clean and one-size fits-all.

Lenses are tested for impact resistance according to ANSI Z87.1 and EN166 standards, for additional details consult: Assessment Tests Performed on Simunition<sup>®</sup> FX<sup>®</sup> 9002 and FX<sup>®</sup> 9003 Goggles on Simunition<sup>®</sup> Extranet Site.

The FX<sup>®</sup> 9002/9003 Helmet Head Protector has not been designed to be used with Force on Force<sup>®</sup> ammunition. Therefore DO NOT USE the FX<sup>®</sup> 9002/9003 Helmet Head Protector with Force on Force<sup>®</sup> ammunition.

Only the new upgraded FX<sup>®</sup> 9004 Helmet Head Protector has been designed and qualified for use with all Simunition<sup>®</sup> FX<sup>®</sup> training marking ammunition as well as Force on Force<sup>®</sup> ammunition.

\* Tan Helmet Head Protector until supplies last.



CLEANING INSTRUCTIONS >



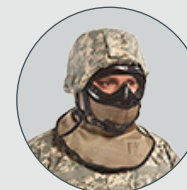
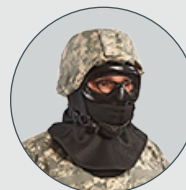
USER MANUAL >



QUAD CHARTS AND TECHNICAL INFORMATION >  
(Simunition<sup>®</sup> Extranet Site for distributors only)

## CUSTOMIZE YOUR FX<sup>®</sup> 9003 HELMET HEAD PROTECTOR

VERSATILE USE FOR OPERATOR  
AND OPPOSITIONAL FORCE.



# FX® 9004 HELMET HEAD PROTECTOR


1



CERTIFIED FOR USE WITH SIMUNITION® FX® AND **FORCE**  **FORCE** MARKING AND NON-MARKING TRAINING CARTRIDGES

Available in black only

## MANDATORY EQUIPMENT

The **FX® 9004 Helmet**, Head Protector is designed to improved breathability, fogging, speech transmission and hearing capability with and without Peltor communication system, and also to prevent projectile particles from entering the helmet when using **FORCE**  **FORCE** marking and non-marking cartridges.

The **FX® 9004** has all the capabilities and features of the FX® 9003 plus the above. All foam inserts are closed cells and are removable for easy cleaning. All components of this helmet can be taken apart quickly without tools for easy maintenance and cleaning.

Lenses are tested for impact resistance according to ANSI Z87.1 and EN166 standards, for additional details consult: Assessment Tests Performed on Simunition® FX® 9002 and FX® 9003 Goggles on Simunition® Extranet Site.



CLEANING INSTRUCTIONS >



USER MANUAL >



QUAD CHARTS AND TECHNICAL INFORMATION >  
(Simunition® Extranet Site for distributors only)

# FX® 9000 SERIES PROTECTIVE EQUIPMENT

2



## MANDATORY EQUIPMENT

### FX® 9000 THROAT COLLAR (OSFA)

This throat collar fits snugly around the neck, it is produced of high-strength textile.

Available in black.

**One size fits all.**

3



### FX® 9000 SLEEVES

FX® 9000 sleeves provide shoulder protection. Made of high-strength textile.

Available in black.

**S M L XL**

4



### FX® 9000 VEST

Providing outstanding torso protection, the FX® 9000 vest is produced from high-strength textile.

Two (2) models:  
male and female  
(extra chest padding).

Available in black.

**One size fits all, XXL available**

# FX® 9000 SERIES PROTECTIVE EQUIPMENT

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## FX® 9000 GLOVES

FX® 9000 gloves are made of high-quality materials for allweather handgun use. They feature a synthetic leather palm providing an excellent grip, a long wrist cuff and added protection to the wrist, top of hand, thumb and finger tips.

Available in black.

**S M L XL**

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## FX® 9000 ARM PROTECTORS

FX® 9000 arm protectors slip on and off easily and are made of high-strength textile.

Available in black.

**One size fits all.**

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## MANDATORY EQUIPMENT

## FX® 9000 GROIN PROTECTORS

Designed for external wear, FX® 9000 groin protectors are made of high-strength textile and feature three (3) adjustable straps.

Available in black.

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## FX® 9000 PANTS

FX® 9000 pants provides buttocks and thigh protection. Made of high-strength textile and compatible with the user's duty belt.

Available in black.

**S** (30" - 34" / 76,2 - 86,4 cm)  
**M** (36" - 38" / 91,4 - 96,5 cm)  
**L** (40" - 42" / 101,6 - 106,7 cm)  
**XL** (44" - 46" / 111,8 - 116,8 cm)





## SIMUNITION® SAFETY CERTIFICATION COURSE

SIMUNITION® SAFETY COURSE IS PART OF  
THE SIMUNITION® INTEGRATED TRAINING SYSTEM

## TRAINERS WITH REAL EXPERIENCE

Top-rate instruction starts with top-rate instructors. Our trainers have extensive military and law enforcement experience, and are completely versed in all aspects of the Simunition® training program.

## REAL-WORLD SCENARIOS

Half the time is spent in class covering technology, training methodology and scenario design. The rest of the course is spent performing the scenarios that were developed in class.

## REAL WEAPONS

The instructor allows participants to use their service weapons modified with Simunition® conversion kits, in non-lethal, force-on-force scenarios.

Conversion kits are available for the majority of law enforcement and military weapons, including most pistols, revolvers, shotguns, sub-machine guns and the complete M4/M16/AR-15 family of rifles and carbines.

## REAL INFORMATION

Our course offers the only General Dynamics Authorized training class, you get the most complete and up-to-date information on the whole Simunition® training system comprising of the FX® marking munitions, the Simunition® weapon conversion kits and the Simunition® personal protective equipment. You also receive information on all our reduced and full energy training rounds.

## SAFE TRAINING SYSTEM

Safety is our number one priority. All participants will learn how to safely run scenarios, establish a secure training perimeter and use all mandatory and optional protective equipment.

## GET SIMUNITION® TRAINING FOR THE REAL WORLD®

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NOW TO REGISTER ONLINE!







# INDEX

## CONVERSION KIT COMPATIBILITY MATRIX AND RELATED INFORMATION

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

### CONVERSION KITS FOR PISTOLS

#### BERETTA

Product Designation	Product No													
Beretta 92 FS (9 mm) - 96 (.40 S&W)	5308270	5.03" 128 mm		9 mm	9 mm	9 mm	9 mm	50 rds/box 500 rds/ case	No	None*	Yes			
Beretta APX FULL SIZE	5312900	4.45" 113 mm									No			
PAMAS (9 mm)	5303530	OLD VERSION 5.34" 136 mm NEW VERSION 5.03" 128 mm									Yes			
Beretta 92 FS Centurion (9 mm)	5308290	4.40" 112 mm				9 mm								
Beretta 96 Centurion (.40 S&W)														
Beretta PX4 standard (9 mm/.40 S&W)	5311460	3.92" 100 mm												
M9	5306316	5.03" 128 mm				9 mm	9 mm							

#### COLT

Product Designation	Product No											
Colt 1911 (.45 ACP)	5305810	5.16" 131 mm	EAR (CC)	9 mm	9 mm		50 rds/box 500 rds/ case	Yes 1 Magazine	5305801SP - Magazine, Colt 1911 Modified for (9mm FX®)	Yes		















EAR (CC) : Bureau of Industry and Security US Departement of Commerce

\*For .40 S&W and .357 SIG 9mm Magazine recommended for use with FX® and SecuriBlank® Training Ammunition.

Certain conversion kits have a minimum order quantity; please call for more information.

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

# GLOCK







Product Designation	Product No												
GLOCK 17 (9 mm), 22 & 35 (.40 S&W) and Glock 31 (.357 Sig) GEN 3 improved	5312600	4.72" 120 mm	Glock GEN 3 only	9 mm	9 mm			50 rds/box 500 rds/case	No	None*	Yes		Yes
GLOCK 19 (9 mm) 23 (.40 S&W) GEN 3 improved	5312610	4.24" 108 mm											
GLOCK17 (9 mm), 22/35 (.40 S&W) and Glock 31 (.357 Sig) GEN 4	5312000	4.72" 120 mm	Glock GEN 4 only										
GLOCK 19 (9 mm) / 23 (.40 S&W) GEN 4	5312025	4.24" 108 mm											
GLOCK 19/45 (9 mm) /23 (.40 S&W) GEN 5	5313900	4.24" 108 mm	Glock GEN 5 only										
GLOCK 17 (9 mm) 22/35 (.40 S&W) and Glock 31 (.357 Sig) GEN 5	5313930	4.72" 120 mm											
GLOCK 17 (9 mm) 22/35 (.40 S&W) and Glock 31 (.357 Sig) MOS GEN4	5313870	4.72" 120 mm	Glock GEN 4 only										
GLOCK 19 (9 mm) /23/22/35 (.40 S&W) MOS GEN 4	5314340	4.24" 108 mm	Glock GEN 4 only										
GLOCK 17 (9 mm) 22/35 (.40 S&W) and Glock 31 (.357 Sig) MOS GEN 5	5314350	4.72" 120 mm	Glock GEN 5 only										
GLOCK 19/45 (9 mm) /23 (.40 S&W) MOS GEN 5	5314370	4.24" 108 mm	Glock GEN 5 only										
GLOCK (9 mm) 19/23 (.40 S&W) MOS GEN 3 improved	5315020	4.24" 108 mm	Glock GEN 3 only										
GLOCK 17 ( 9 mm) 22/35 (.40 S&W) and Glock 31 (.357 Sig) MOS GEN 3 improved	5315030	4.72" 120 mm	Glock GEN 3 only										





BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

## CONVERSION KITS FOR PISTOLS

### HK

Product Designation	Product No												
HK USP Std (9 mm/.40 S&W)	5308650	4.25" 108 mm		9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/case	No	None*	Yes		
HK USP Compact (9 mm/.40S&W)	5311290	3.58" 91 mm											
HK P2000 (9 mm/.40 S&W)	5311390	3.69" 94 mm				9 mm  (as of 2019)	9 mm  (as of 2019)						
HK P30 (9 mm/.40 S&W)	5311755	3.86" 98 mm											
HK VP-9 MOS (9 mm/.40 S&W)	5313505	4.3" 109 mm				9 mm 	9 mm 						
HK VP-9 (9 mm/.40 S&W)	5313500	4.3" 109 mm											



### SIG







Product Designation	Product No												
SIG M11 (9mm)	5309430	3.84" 98 mm		9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/case	No	None	Yes		
SIG P225 (9 mm)	5306700	3.84" 98 mm											

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\*For .40 S&W and .357 SIG 9mm Magazine recommended for use with FX® and SecuriBlank® Training Ammunition

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		BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
				FX®		SecuriBlank®			Included in kit	Optional magazine			
				Marking	Non Marking	Quiet	Loud						
SIG													
Product Designation		Product No											
SIG P226 (9 mm)	5307500	4.45" 113 mm		9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/case	No	None	Yes		
SIG P226 S/Steel (9 mm)	5308590	4.45" 113 mm											
SIG P226 S/Steel (.357SIG/.40 S&W)	5308580	4.45" 113 mm											
SIG P228 (9 mm)	5306890	3.84" 98 mm											
SIG P229 (9 mm/.40 S&W/.357)	5309160	3.84" 98 mm											
SIG P320 FULL SIZE (9 mm/.40 S&W)	5313070**	4.96" 126 mm										Yes	
SIG P320 compact/carry (9 mm/.40 S&W)	5313330**	4.10" 104 mm											Yes
SIG 2022/ SIG PRO 2009/2340 (9 mm /.40 S&W)	5309030	3.84" 98 mm											
SIG P320 FULL SIZE (9 mm/.40 S&W) ROMEO 01	5315600	4.96" 126 mm											
SIG P320 COMPACT (9 mm/.40 S&W) ROMEO 01	5315700	4.10" 104 mm											
SIG M17 FULL SIZE (9 mm/.40 S&W) MOS	5314320	4.96" 126 mm											
SIG M18 compact/carry (9 mm/.40 S&W) MOS	5314330	4.10" 104 mm											

	BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO					
			FX®		SecuriBlank®			Included in kit	Optional magazine								
			Marking	Non Marking	Quiet	Loud											
SMITH & WESSON																	
Product Designation		Product No															
S&W M&P (9 mm/.40 S&W)	5314740	4.26" 107 mm		9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/case	No	None*	Yes						
S&W M&P Barrel for 9mm SecuriBlank® only (9 mm/.40S&W)	5314580	4.26" 107 mm				9 mm  											
S&W Series 400X (.40 S&W)	5304720	4.06" 103 mm											None*			Yes	
S&W Series 590X (9 mm)	5302080	4.06" 103 mm															
S&W Series 594X	5304850	4.06" 103 mm											None	Yes			
S&W Series 690X (9 mm)	5306680	3.60" 91 mm	Discontinued once stock runs out														
S&W M&P TLC-1 (9 mm)	5304750	4.26" 107.3 mm															
S&W M&P M2.0 (9 mm)	5314220	4.2" 106 mm				9 mm 	9 mm 										
S&W M&P 2.0 (9 mm) 4.0" COMPACT	5314210	4.10" 104 mm															
S&W M&P 2.0 (9 mm) 4.2" MOS	5315800	4.2" 106 mm															



\*For .40 S&W and .357 SIG 9mm Magazine recommended for use with FX® and SecuriBlank® Training Ammunition  
Certain conversion kits have a minimum order quantity; please call for more information.

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						












#### WALTHER\*

Product Designation	Product No													
Walther P99QA (9 mm/.40 S&W) QA	5308900	4.07" 103.4 mm		9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/case	No	None*	Yes			
Walther P99DAO (9 mm/.40 S&W) DAO	5308910	4.07" 103.4 mm												
Walther P99 PPQ (9 mm/.40 S&W)	5312440	4.07" 103.4 mm								None				
Walther P99 DA/SA (9 mm/.40 S&W)	5308840	4.14" 105 mm												
Walther PDP MOS (9 mm/.40 S&W)	5315890	4.58" 116.3 mm												

#### OTHERS\*

Product Designation	Product No												
Browning HP (9 mm)	5303890	4.76" 121 mm		9 mm	9 mm			50 rds/box 500 rds/case	No	None	Yes		
Jericho 941 F (9 mm)	5312500	4.41" 112 mm											
Jericho 941 PSL (9 mm)	5312530	3.87" 98.3 mm											
CZ75D (9 mm)	5310150	3.73" 95 mm											
FN509 Full size (9 mm)	5313550	4.12" 105 mm										Yes	Yes
SPRINGFIELD XD-9 (9 mm)	5313150	4.16" 105.5 mm											
SPRINGFIELD XD-9 MOD2 (9 mm)	5313730	4.16" 105.5 mm				9 mm 	9 mm 						
CANIK METE MOS SFX 9 mm	5316030	5.26" 137 mm											
CANIK TP9 ELITE 9 mm	5313960	4.29" 109 mm											



		BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO		
				FX®		SecuriBlank®			Included in kit	Optional magazine					
				Marking	Non Marking	Quiet	Loud								
CERTIFIED OEM DEDICATED TRAINING WEAPONS															
Product Designation	Product No														
AK47 Dedicated Rifle		18.9" 480 mm	Contact CFC+ (212)-244-4040 or ryder@centrefirearms.com	5.56 mm	5.56 mm			20 rds/box 500 rds/case Clipped	2 Magazines (30 rds)	Yes	Yes				
Beretta ARX-160		18.11" 460 mm	Contact Pezt CO. S.R.L. +(39)-030-745-0136 or enea@peztco.com									No	None		
FAMAS		20.10" 510 mm	Contact Rivolier SAS												
FNH F2000	5313860	17.44" 443 mm	Contact GD OTS Canada	5.56 mm 	5.56 mm 			20 rds/box 500 rds/case Clipped							
FN509 Blue Gun		4.00" 102 mm	Contact FN USA	9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/case							
GLOCK 17T/19T GEN3 and GEN4			Contact Glock Distributor												
SIG FOF 2022			Contact SIG SAUGER	9 mm	9 mm			50 rds/box 500 rds/case	No	None	Yes				
SIG P-226 Blue Gun		4.45" 113 mm	Contact SIG SAUGER			9 mm 									
S&W M&P Blue Gun (9 mm/.40S&W)		4.26" 109 mm	Contact S&W USA			9 mm   See Note 1	9 mm   See Note 1						Yes		
S&W M&P M2.0 Blue Gun (9 mm/.40S&W)		4.1" 104 mm	Contact S&W USA			9 mm 	9 mm 								
Steyr AUG			Contact Thales Australia	5.56 mm	5.56 mm			20 rds/box 500 rds/case Clipped							
Steyr AUG			Contact Steyr Austria												

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\*For .40 S&W and .357 SIG 9mm Magazine recommended for use with FX® and SecuriBlank® Training Ammunition

Certain conversion kits have a minimum order quantity; please call for more information.





Note 1 : A special barrel is required for SecuriBlank® GEN2 see #5314580 on page 41

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

#### CONVERSION KITS FOR REVOLVERS









Product Designation	Product No											
Spare .38 SPL	5500490SP		Comes in packs of 7 rings	0.38 Cal				No	None	Yes		
Spare .357 Mag	5500500SP											

#### CONVERSION KITS FOR SHOTGUNS

Product Designation	Product No											
12 gauge Pump Action for use with 9 mm FX®	5312430	2.55" 65 mm	Comes with 5 cartridge carrier	9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/ case	N/A	N/A	Yes	
12 gauge Pump Action for use with 9 mm FX®	5314080	2.55" 65 mm	Comes with 7 cartridge carrier	9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/ case	N/A	N/A	Yes	



BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

## CONVERSION KITS FOR SUBMACHINE GUNS

Product Designation	Product No										
HK MP5 SD (9 mm)	5302580	OEM brl 5.75" (146 mm) INSERT 5.75" (233 mm)									Yes
HK MP5 (9 mm)	5303330	OEM brl 8.86" (225 mm) INSERT 9.17" (233 mm)									Yes
HK MP5-K/KA4/KA5 (9mm)	5306770	OEM brl 4.53" (115 mm) INSERT 5.30" (135 mm)			9 mm 	9 mm 		No	5301761SP - H&K MP5 9 mm SecuriBlank® Magazine		
HK MP5-K PDW (9 mm)	5307570	OEM brl 8.85" (225 mm) INSERT 9.17" (233 mm)							Refer to Canadian Regulations		
HK MP5-N (9 mm)	5309380	OEM brl 5.00" (127 mm) INSERT 6.02" (153 mm)									
HK MP7 (9 mm) DEDICATED WEAPON	5314380	9.5" 241.3 mm		9 mm	9 mm 	9 mm 					
HK MP7 (9 mm) CONVERSION KIT REQUIRES WEAPON MODIFICATIONS	5314385	9.5" 241.3 mm		9 mm	9 mm 	9 mm 		Yes	5314530SP MP7 9 mm Magazine	Yes	
SIG MPX (9 mm) call before ordering	5314770	6" 152 mm						No	None		
SIG MPX 8"brl (9 mm)	5313780	OEM brl 8.00" (203 mm) INSERT 9.17" (233 mm)						No	None		
SIG MPX 4.5"brl (9 mm)	5314760	OEM brl 4.5" (114 mm) INSERT 5.75" (146 mm)	Single-shot only								
SIG MCX Rattler PCB (9 mm)	5314540	5.5" 140 mm			9 mm 	9 mm 					
SIG MCX Rattler SBR (9 mm)	5314550	9" 229 mm						Yes	5308310SP 9 mm FX® and SecuriBlank® 20 rds		

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

#### UPPER RECEIVERS FOR 5.56MM RIFLES & CARBINES

Product Designation	Product No												
COLT M4A1 Flat top (9 mm) Upper Kit Blue Handguard	5305655	14.5" 368.3 mm	EAR (CC)	9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/box	2 Magazines (20 rds)	5308310SP - FX® and SecuriBlank® Magazine (20 rds) for 9mm M16/M4 Upper Kit	Yes	<div></div>	Yes
COLT M16A3 Carbine (9 mm) Upper Kit	5306585	14.5" 368.3 mm							1 Magazine (20 rds)				
COLT M16A3 Rifle (9 mm) Upper Kit Blue Handguard	5305375	20" 508 mm	EAR (CC)						1 Magazine (20 rds)	5308310SP - FX® and SecuriBlank® Magazine (20 rds) for 9mm M16/M4 Upper Kit		<div></div>	Yes
M4/M16 Conversion parts Bolt, Barrel, Magazine	5314590	10.5" 267 mm										<div></div>	
	5314600	14.5" 368.3 mm										<div></div>	
	5314390	16,25"										<div></div>	
COLT SMG (9 mm) Upper Kit Blue Handguard	5306736	10.5" 267 mm										No	
COLT M16A3 Commando (9 mm) Upper Kit Blue Handguard	5308815	10.5" 267 mm	1 Magazine						5308310SP - FX® and SecuriBlank® Magazine (20 rds) for 9mm M16/M4 Upper Kit		<div></div>		
COLT AR-15 (9 mm) Upper Kit Flat top Blue Handguard	5307465	16.25" 413 mm									<div></div>		
	5307485	20" 508 mm	EAR (CC)						<div></div>				
OPFOR Conversion Kit for M4/M16Carbine (9 mm) (AK47 Look-Alike) 1 x 9mm AK47 Upper 1 x Butt Stock 1 x Blue Barrel Indicator	5310950	14.5" 368.3 mm	EAR (CC)						2 Magazines	5311070SP - FX® and SecuriBlank® (HK416) Magazine		<div></div>	
HK416 D145RS (9 mm) Upper Kit 14.5"brl Blue Handguard	5311080	14.5" 368.3 mm										Yes	<div></div>
HK416 D10RS (9 mm) Upper Kit 10.5"brl Blue Handguard	5311090	10.5" 267mm										Yes	<div></div>



BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

### BOLT CONVERSION FOR 5.56MM RIFLES & CARBINE

Product Designation	Product No											
Bolt 5.56 mm M4/M16/C7/C8/ SIG 516/SIG M400 and AR15 without Sporter block	5308990		EAR (CC)									
Bolt 5.56 mm AR15 with Sporter block only	5310380				5.56 mm	5.56 mm						Yes
Bolt 5.56 mm M4 Variants HK416/M4/M16	5311350											Yes
HK G36			Contact H&K Distributor									
Bolt 5.56 mm FNC/AKS Family	5309310			5.56 mm	5.56 mm							
Bolt 5.56 mm SIG 551	5310120											
Bolt 5.56 mm FN SCAR L	5314620				5.56 mm	5.56 mm						
Bolt 5.56 mm FN SCAR SC	5314610				5.56 mm	5.56 mm						
Bolt 5.56 mm FN SCAR L Fixed handle	5314630				5.56 mm	5.56 mm						
SIG MCX (5.56mm)	5313420				5.56 mm	5.56 mm						
SIG MCX RATTLER (5.56 mm)	5314480	5.5" 140 mm			5.56 mm	5.56 mm						
	5314490	9" 229 mm										

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Certain conversion kits have a minimum order quantity; please call for more information.

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

#### BOLT CONVERSION FOR 5.56MM RIFLES & CARBINE

Product Designation	Product No											
SIG MCX .300BLK RATTler with 5.56 mm barrel sleeve (for suppressor)	5315985	13.2" 335 mm	For weapon barrel length of 9" with suppressor	5.56 mm	5.56 mm	5.56 mm	5.56 mm				N/A	
SIG MCX .300BLK RATTler with 5.56 mm barrel sleeve (for suppressor)	5315980	10.5" 267 mm	For weapon barrel length of 5.5" with suppressor								N/A	
IWI TAVOR X95 5.56 mm (left hand)	5312470										Yes	
IWI TAVOR X95 5.56 mm (right hand)	5312320										Yes	
SA80 A2/A3/L85 5.56 mm	5310170										Yes	
SIG 550/551	5310120										Yes	

#### BOLT CONVERSION FOR 7.62X51MM RIFLES



Product Designation	Product No											
H&K 417	5315900			7.62 mm	7.62 mm		7.62 mm				N/A	
FN SCARH	5314280			7.62 mm	7.62 mm		7.62 mm				N/A	

BARREL LENGHT	COMMENT REGULATIONS	TRAINING AMMUNITION COMPATIBILITY				TRAINING AMMUNITION PACKAGING	MAGAZINE		USER MANUAL	SPARE PARTS	VIDEO
		FX®		SecuriBlank®			Included in kit	Optional magazine			
		Marking	Non Marking	Quiet	Loud						

#### BOLT CONVERSION FOR 5.56MM MACHINE GUNS

Product Designation	Product No												
Bolt 5.56 mm FN MINIMI M249 with blue feed tray	5308440	OEM barrel											
Bolt 5.56 mm FN MINIMI M249 with blue discriminator	5310450	OEM barrel		5.56mm	5.56mm		5.56mm	50 rds/box 800 rds/case Linked	No	None	Yes	Yes	Yes

#### GRENADE LAUNCHER

Product Designation	Product No												
9 mm FX Conversion Kit for 40mm Non-Lethal Grenade Launcher	5312400	3.98" 101 mm	Comes with 3-40 mm cartridges carrier										
	5312405SP	3.98" 101 mm	Comes with 1-40 mm cartridges carrier	9 mm	9 mm	9 mm 	9 mm 	50 rds/box 500 rds/ case			Yes		
O Ring for Discriminator 40 mm Grenade Launcher	5312419SP		5 per pack						N/A	N/A			
Blue Discriminator Ring	5312410SP	N/A	2 per pack										
Discriminator Removal and Installation Tool	5312404SP		1 per pack	N/A	N/A	N/A	N/A	N/A			N/A		

The logo for SIMUNITION, featuring the word "SIMUNITION" in white, bold, sans-serif capital letters inside a red rectangular box.

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## CANADA

### **GENERAL DYNAMICS** Ordnance and Tactical Systems-Canada

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Repentigny, Québec  
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Tel.: 1-450-581-5999  
Management System Certified ISO 9001, ISO 14001 & ISO 45001

## USA

### **GENERAL DYNAMICS** Ordnance and Tactical Systems-Simunion Inc.

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