U.S. Tactical Supply
Less Lethal 40MM Range Day

Shoot the Latest
Multi Round / 40MM
Less Lethal Launcher
and
SDI Dual Range BIP Rounds!

Location:
ODOC Range
4755 Gath Rd SE, Salem, Oregon 97314

Date:
August 19th 2015

Time:
10:00 AM – 5PM PST

AAMI LESS THAN LETHAL MULTI-SHOT GRENADE LAUNCHER

Where Accuracy and Multi Round Follow up Shots are needed the AAMI Less Than Lethal MSGL Delivers!

The Multiple Grenade Launcher – Less than Lethal (MGL-LTL) has been developed around the needs of the modern tactical team. The launcher is capable of firing a wide variety of 40mm LTL ammo. This adaptable launcher also features the KeyMod rail system for the addition of grips, lights, lasers, and other accessories. The adjustable stock system featured on the MGL-LTL helps the operator to achieve the correct cheek weld and length of pull. The AAMI Weapons MGL-LTL is the solution that sends EVERYONE home safe.

6 rounds of OC, Blunt Force Impact, Marking or the new Malordorant 40MM rounds are instantly available to handle large crowds or accurately engage a single target.

The Less Than Lethal (LTL) MSGL in 40mm and 37/38mm calibers is designed for use by state and federal police and law enforcement, as well as military for peace-keeping missions abroad.

AAMI is currently the only manufacturer of the 40mm Multi- Shot Grenade Launcher in the USA. The MGL-AV140 is the only 40mm grenade launcher that is qualified according to USDOD and STANAG specifications and ISO9001 and AS9100 (NASA) Compliant.

DOD EMALL www.emall.dla.mil
Contract# SPM7W107DE028

U.S. Tactical Supply™ www.ustacticalsupply.com

Ph: 541.928.8645 • sales@ustacticalsupply.com

GSA
Contract# GS-07F-0259N

SDI

SAFE • EFFECTIVE • RELIABLE

Family of 40mm Ammunition

Achieve Pain Compliance in Conjunction with a Designated Payload

BIP Standard

Advanced collapsible head engineering provides maximum safety and superior pain compliance

Marking Powder

Colored powder temporarily marks target upon impact for psychological deterrent effect

Malodorant

Noxious odor released upon impact, thus marking subject and deterring others

Oleoresin Capsicum

OC powder irritant released upon impact and dissipates, not affecting bystanders

CS Powder

Micro-pulverized irritant powder that causes a burning sensation in the mucous membranes

Marking Liquid

Colored liquid semi-permanently marks target, allowing for future apprehension

Forensic Marking

Unique and invisible forensic solution marks target with a designated coding system

Training Round

Simulates the ballistics of the BIP, allowing for cost effective training and certification

DOD EMALL
www.emall.dla.mil
Contract# SPM7W107DE028

U.S. Tactical Supply™
www.ustacticalsupply.com

Ph: 541.928.8645 • sales@ustacticalsupply.com

GSA
Contract# GS-07F-0259N

BIP

The BIP was developed to respond to the increased demand for security solutions in circumstances that do not require lethal force. Using the Company's patented technologies, the BIP was designed for operational effectiveness at distances of up to 80 m (262 feet), while still enhancing target safety if engaged from close range – 2 m (6.5 feet).

SDI's Blunt Impact Projectile (BIP) ammunition has been designed to supersede previous blunt impact solutions such as foam, sponge, and rubber bullets while maintaining in-flight stability throughout an almost flat trajectory. The BIP, with its advanced technology, is able to achieve high target accuracy at extended ranges.

TECHNICAL PROPERTIES

Non-Lethality

The BIP is a blunt impact kinetic round, with patented collapsible head technology. When utilized, it acts as a riot deterrent, a crowd control medium, and an alternative to lethal force in critial incidents.

Effective Range

2 meters to 80 meters

Ease of Use

Compatible with exisiting 40 mm weapons. The BIP operates with smokeless powder as a propellant, ensuring consistent velocity and accuracy.

Specifications	
Weapons System	All 40 mm Launchers
Diameter	40 mm (1.57 in.)
Length	101 mm (3.98 in.)
Weight	51 g (1.79 oz.)
Min. Operational Range	2 m (6.5 ft.)
Max. Operational Range	80 m (262 ft.)
Muzzle Velocity	88.4 m/sec. (290 ft./sec.)
Kinetic Energy (KE) at Muzzle	208 J (151 ft.·lb.)
Hazard Classification	1.4 S
Number per Box	64
Boxes per Pallet	25

MAIN FEATURES

Collapsible head

the head collapses ("mushrooms") upon impact with target, which absorbs part of the kinetic energy.

Main Body

Contains an internal energy absorbing system.

Shell Casing

Standard military 40 mm

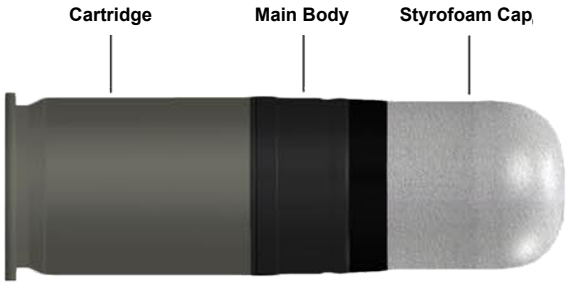
DOD EMALL
www.emall.dla.mil
Contract# SPM7W107DE028

U.S. Tactical Supply
www.ustacticalsupply.com
Ph: 541.928.8645 • sales@ustacticalsupply.com

GSA
Contract# GS-07F-0259N

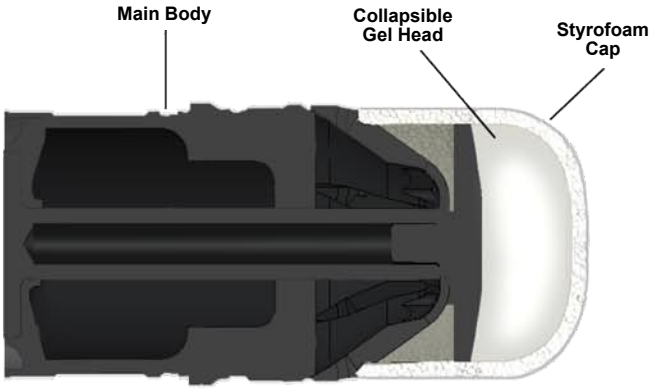
BIP WHEN LOADED

- BIP maintains in-flight stability
- BIP achieves extended range accuracy



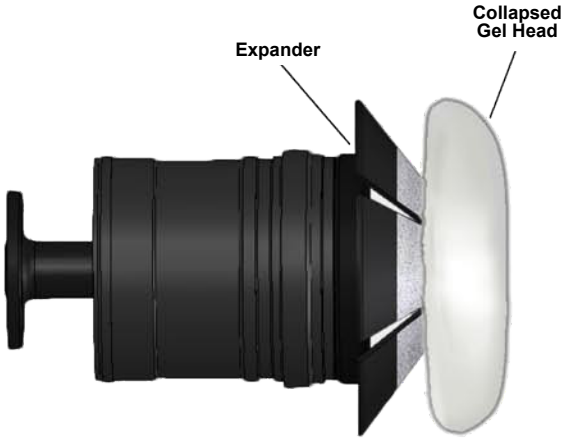
CROSS SECTION OF THE BIP

- Internal energy absorption system
- Patented collapsible gel head



BIP UPON IMPACT WITH TARGET

- Head collapses and absorbs kinetic energy
- BIP head and body disfigure after impact making it difficult for rioters to throw back at police



DOD EMALL
www.emall.dla.mil
Contract# SPM7W107DE028

U.S. Tactical Supply™
www.ustacticalsupply.com
Ph: 541.928.8645 • sales@ustacticalsupply.com

GSA
Contract# GS-07F-0259N

MARKING AGENT PAYLOADS

The 40mm BIP MP Marking Powder round utilizes SDI's collapsible head technology and carries a colored powder that temporarily marks the target upon impact. This type of marking ammunition is crucial for its psychological effect in riot and crowd control scenarios.

The Marking Powder Agent helps to assert authority in specialized scenarios where soldiers or law enforcement officers require immediate dispersion of an unlawful crowd. When faced with a decision at a checkpoint, unruly protest, or during a border patrol incident, the BIP MP provides an alternative option that can assist in enforcing compliance and deterrence.

Desired effect of the BIP MP.

The BIP ML's colored liquid semi-permanently marks target for future apprehension.

The BIP ML Marking Liquid round, similar to the BIP MP, delivers a marking liquid agent that is semi-permanent in nature. In many riots and crowd control situations, law enforcement officials are unable to apprehend individuals due to tactical constraints. With the BIP ML, military and law enforcement officials can mark the group leaders who are breaking the law for future apprehension.

The discharge of a colored liquid gives the target the impression that they are being targeted for apprehension. Additionally, the BIP ML offers a psychological deterrent in helping to enforce compliance on the subject.

MALODORANT PAYLOAD

The BIP MO (Malodorant) is SDI's revolutionary malodorant less-lethal round, which contains a highly noxious payload that marks the subject with an extremely repulsive odor.

This product is unique to any other 40 mm round of its kind on the market, as it is a safer alternative to tear gas (C.S.) rounds and aerosol pepper spray (O.C.). Upon impact, the pungent non-toxic and organic liquid is dispersed on the target or within a concentrated area.

Potential offenders who swarm or storm border/ frontline crowd-control positions will be deterred by the BIP MO's effects. It provides an additional option to border control agents and enhances their homeland security capabilities.

When utilized properly, it acts as a riot deterrent, a crowd-control medium, and as an alternative to lethal force in critical situations.

The noxious effects of the BIP MO are immediate, non-toxic, and highly effective.

OLEORESIN CAPSICUM PAYLOAD

The BIP OC (Oleoresin Capsicum) is a liquid based impact round designed to deliver a pepper spray payload to a human target or localized geographical perimeter.

Historically, the disadvantage of using OC products has been its delivery via aerosol systems, which has put innocent bystanders at risk. The benefit of SDI's BIP OC is that it allows for the application at a safe distance. Through its precise dispersion, the 40mm BIP OC round can be targeted at an individual or a small group within a localized physical area.

Due to its internal energy absorption system and collapsible nose ("mushroom effect"), the advanced engineering of the BIP OC enables the projectile to engage the target with maximum pain compliance while deploying an oleoresin resin payload.

A target under the effects of SDI's BIP OC, which causes the eyes to water and close, temporarily taking away the subject's vision.

CS POWDER PAYLOAD

The BIP CS Powder Round combines blunt trauma with the effects of a micropulverized irritant powder to maximize pain compliance. The round has become very popular due to its strong effect and lack of toxicity.

The chemical reacts with moisture on the skin and in the eyes, causing a burning sensation and the immediate shutting of the eyes. Effects usually include tears, profuse coughing, exceptional nasal discharge, burning in the eyes, eyelids, nose and throat areas, disorientation, dizziness and restricted breathing.

FORENSIC MARKING PAYLOAD

The BIP DNA Forensic Marking round delivers a liquid substance that provides a coding system for asset protection, vehicle marking, and more importantly, human tracking.

SDI's forensic marking technology enables the projectile to not only provide pain compliance, but also engages the target by marking the skin, clothing, and vehicles with designated codes only seen under a (UV) black light, or microscope. SDI is able to provide professional analysis and expert witness testimony by certified forensic marking liquid experts following deployment. Additionally, a full training package on forensic marking capabilities and evidence collection of the unique liquid for successful prosecutions in a court of law is all inclusive.

Forensic coding taggant applied to target, invisible under natural light (left) and seen under UV light (right).

Unique forensic solution links target to specific location of use.

Each projectile contains uniquely identifiable rare metal compounds. By using a combination of up to 30 materials, over 1 billion unique forensic codes are available. These codes are invisible to the naked eye but fluoresce yellow under ultra-violet (UV) light, unbeknownst to the target. Once dry, it becomes non-transferable and is virtually impossible to remove. The forensic solution lasts for weeks on skin (before exfoliating off) and even longer on clothes and shoes.

OTHER CORRECTIONAL PRODUCTS

DEFENSE SPRAY PRODUCTS

ALL ITEMS LISTED HERE HAVE BEEN SUPPLIED TO ODOC:

Defense Technology

DT 5439	First Defense Stream 360 MK-3
DT 5449	First Defense Stream 360 MK-4
DT 56095	Defense Technology MK-9, Oc/Cs, 13 Oz, Stream

Aerko

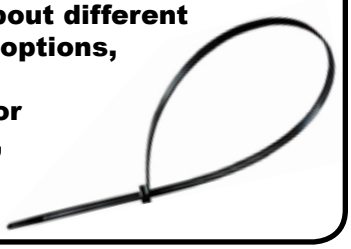
AER Aerko-101 M9	Aerko Deep Freeze, 17.5oz, M-9 Handle
AER Aerko-101 BT	Aerko Deep Freeze, 17.5oz, Burst Top

Sabre

SAB 50H2O30	Sabre MK-4 Inert Training Unit (3.3 Oz Stream)
SAB 52CFT30	Sabre Red, Crossfire Technology, 3.0 Oz Stream (MK-4)
SAB 52CFT30-G	Sabre Red, Crossfire Technology, 3.0 Oz Gel
SAB 56CFT10	Sabre 5.0 Crossfire (1.8 Oz. Stream), MK-3
SAB 56CFT30	Sabre Red, Crossfire Technology, 3.0 Oz Stream (MK-4)
SAB 56H2O30-F	Sabre 5.0 3.3 Oz Foam (MK-4)
SAB 96H2O60	Sabre 5.0 MK-9 16.50 Oz High Volume Streamer

HAND CUFFS & FLEX CUFFS

Ask us about different restraint options, including Chained or Hinged Cuffs, Flex Cuffs, Keycuffs, Belly Chains, and Leg Irons.



HELMETS

ACH and ALPHA Cut

DIAMONDBACK D-TAC

DYNAMIC TACTICAL ASSAULT CARRIER

The D-TAC offers operators a multi-functional lining that drastically reduces the overall weight of the carrier and adds ballistic, slash, and fragmentation performance. The combination of TPS Technology with the advanced carrier enhances its strength and durability by making it 10 times stronger than other traditional tactical carriers.

STAND ALONE ARMOR PLATES - NIJ CERTIFIED

We carry Level III and Level IV plates in different cuts to fit your needs.

Ask us about Ballistic Helmets, Ballistic Shields and any other protective gear you might need!

DOD EMALL
www.emall.dla.mil
Contract# SPM7W107DE028

U.S. Tactical Supply™
www.ustacticalsupply.com
Ph: 541.928.8645 • sales@ustacticalsupply.com

GSA
Contract# GS-07F-0259N