



DEFENSE TECHNOLOGY®

## THE FINEST TRAINING AIDS FOR THE FINEST PRODUCTS

First Defense® is the world's most widely used pepper spray in law enforcement and corrections. In recognizing the diverse environments and challenges our public safety professionals face each day, our comprehensive First Defense line utilizes a color code system to identify the intensity of that product.

The First Defense family of OC aerosol sprays are EDW safe.

**.2% White Band**

56125	MK-2 Stream
5039	MK-3 Stream
5439	MK-3 Stream/360°
5049	MK-4 Stream
5449	MK-4 Stream/360°
5069	MK-6 Stream
56185	MK-8 Stream
5099	MK-9 Stream
5746	MK-46V Stream
5846L	MK-46H Stream
5546	MK-46R Stream

**.4% Yellow Band**

56325	MK-2 Stream
56324	MK-2 Cone
5239	MK-3 Stream
5239A	MK-3 Stream/360°
56334	MK-3 Cone
56332	MK-3 Foam
5249	MK-4 Stream
5249A	MK-4 Stream/360°
56344	MK-4 Cone
56342	MK-4 Foam
5269	MK-6 Stream
5299	MK-9 Stream
56392	MK-9 Foam
56346V	MK-46V Stream
56346H	MK-46H Stream
56346R	MK-46R Stream

**.7% Orange Band**

56725	MK-2 Stream
3005	MK-3 Stream
56733	MK-3 Stream/360°
3035	MK-3 Cone
4005	MK-4 Stream
56343	MK-4 Stream/360°
4035	MK-4 Cone
6005	MK-6 Stream
56764	MK-6 Cone
56785	MK-8 Stream
56784	MK-8 Cone
56795	MK-9 Stream
9005	MK-9 Fogger
43896	MK-9S Vapor
43890	MK-9S Vapor w/ Wand Adapter
56746V	MK-46V Stream
56746H	MK-46H Stream
56746R	MK-46R Stream

**1.3% Red Band**

56825	MK-2 Stream
56824	MK-2 Cone
56822	MK-2 Foam
43345	MK-3 Stream
56833	MK-3 Stream/360°
43344	MK-3 Cone
56842	MK-3 Foam
43445	MK-4 Stream
56843	MK-4 Stream/360°
43444	MK-4 Cone
56832	MK-4 Foam
43665	MK-6 Stream
56864	MK-6 Cone
56884	MK-8 Cone
56895	MK-9 Stream
43953	MK-9 Fogger
43950	MK-9 Fogger w/ Wand Adapter
56792	MK-9 Foam
43046	MK-46V Stream
56846H	MK-46H Stream
43046R	MK-46R Stream

**OC/CS Grey Band \*Non-EDW Safe**

56025	MK-2 Stream*
56035	MK-3 Stream*
56045	MK-4 Stream*
56095	MK-9 Stream*
56046V	MK-46V Stream*
56046H	MK-46H Stream*
56046R	MK-46R Stream*

**Inert \*Non-EDW Safe**

5129	MK-2 Stream
5125	MK-2 Cone*
5126	MK-2 Foam
5139	MK-3 Stream
5439I	MK-3 Stream/360°
5139F	MK-3 Cone*
5136	MK-3 Foam
5149	MK-4 Stream
5449I	MK-4 Stream/360°
5149F	MK-4 Cone*
5146	MK-4 Foam
5169	MK-6 Stream
5189	MK-8 Stream
5199	MK-9 Stream
5199F	MK-9 Fogger*
5196	MK-9 Foam
49950	MK-9 Fogger w/ Wand Adapter*
5546I	MK-46R Stream





**CHOOSING YOUR PEPPER SPRAY IS EASY,  
JUST ANSWER THESE THREE QUESTIONS  
AND USE THE CHART BELOW:**

- 1 WHAT INTENSITY DO YOU NEED?
- 2 HOW DO YOU WANT TO DELIVER THE OC?
- 3 HOW MUCH PRODUCT WILL YOU NEED?



#### STREAM AEROSOL SIZE SPECS

MK-2:	7-10 SHORT BURSTS	10-12 FT.
MK-3:	10-12 SHORT BURSTS	10-12 FT.
MK-4:	20-25 SHORT BURSTS	10-12 FT.
MK-6:	12-14 SHORT BURSTS	10-12 FT.
MK-8:	5-7 SHORT BURSTS	10-12 FT.
MK-9:	14 SHORT BURSTS	18-20 FT.
MK-46:	26 SHORT BURSTS	25-30 FT.

	MK-2	MK-3	MK-4	MK-6	MK-8	MK-9	MK-46V	MK-46H
.2%								
.4%								
.7%								
1.3%								
OC/CS								
INERT								

#### CHART KEY



STREAM



CONE



FOAM

360° 360°



DUTY AEROSOL



CROWD  
MANAGEMENT



INDOOR/OUTDOOR

## Less Lethal Impact Munitions

NEW



PATENTED

**BIP BLUNT IMPACT PROJECTILE****40MM DIRECT FIRE MUNITIONS WITH PAYLOAD OPTIONS**

- Projectile incorporates unique Collapsible Gel Head design
- Accurate to 131 feet / 40 meters
- Payload options deliver irritant or marking payloads in addition to blunt trauma
- Passed human effects assessments for safety and effectiveness

OC CS MARKING INERT



PATENTED

**DIRECT IMPACT® ADJUSTABLE RANGE****40MM DIRECT FIRE MUNITIONS WITH PAYLOAD OPTIONS**

- Projectile design has unique user-adjustable gas-bleed feature
- Allows velocity and kinetic energy to be adjusted for two design points, addressing close-in and extended range engagements
- Standard range velocity allows for engagements of 1.5 – 40 meters
- Extended range velocity allows for engagements of 40 – 70 meters
- Crushing nose dampens blunt trauma while delivering payload

OC CS MARKING INERT

**DIRECT IMPACT® STANDARD RANGE****40MM DIRECT FIRE MUNITIONS WITH PAYLOAD OPTIONS**

- Accurate to 131 feet / 40 meters
- Crushing nose dampens blunt trauma while delivering payload
- Passed extensive human effects assessments for blunt impact and penetration

OC CS MARKING INERT

**DIRECT IMPACT® LE EXTENDED RANGE****40MM DIRECT FIRE MUNITIONS WITH PAYLOAD OPTIONS**

- Accurate to 230 feet / 70 meters
- Crushing nose dampens blunt trauma while delivering payload
- Passed extensive human effects assessments for blunt impact and penetration
- Do not use at distances closer than 33 feet / 10 meters

OC CS MARKING INERT



PATENTED

**DIRECT IMPACT® RELOADABLE TRAINING KITS****40MM RELOADABLE TRAINING ROUND**

- Provides the same point of impact accuracy as the 40mm munitions it simulates
- The most cost-effective way to conduct training
- Reloading the munitions takes seconds and one hex key
- For use on inanimate targets
- Available in 50-Shot or 250-Shot Kits
- Available in Standard Range or LE Extended Range

**40mm BIP Collapsible Gel Rounds**

6425	BIP Collapsible Gel Round
6420	BIP Collapsible Gel Round, OC
6422	BIP Collapsible Gel Round, CS
6423	BIP 40mm Collapsible Gel Round, Inert Powder
6426-ML	BIP Collapsible Gel Round, Marking Liquid
6425-MP	BIP Collapsible Gel Round, Marking Powder

**Direct Impact Adjustable Range**

6320-A	Direct Impact OC
6322-A	Direct Impact CS
6323-A	Direct Impact Inert
6326-A	Direct Impact Marking

**Direct Impact Standard Range**

6320	Direct Impact OC
6322	Direct Impact CS
6323	Direct Impact Inert
6326	Direct Impact Marking

**Direct Impact Extended Range**

6320LE	Direct Impact OC
6322LE	Direct Impact CS
6323LE	Direct Impact Inert
6326LE	Direct Impact Marking

**Reloadable Training Kits**

6530-50	Direct/Exact Impact 50-Shot Kit
6530	Direct/Exact Impact 250-Shot Kit
6530LE-50	Extended Range Direct/Exact Impact 50-Shot Kit
6530LE	Extended Range Direct/Exact Impact 250-Shot Kit





## Less Lethal Impact Munitions



PATENTED

**EXACT iIMPACT™  
ADJUSTABLE RANGE****40MM DIRECT FIRE MUNITIONS**

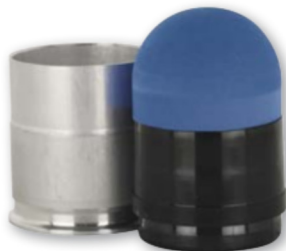
- Projectile design has unique user-adjustable gas-bleed feature
- Allows velocity and kinetic energy to be adjusted for two design points, addressing close-in and extended range engagements
- Standard range velocity allows for engagements of 1.5 – 40 meters
- Extended range velocity allows for engagements of 40 – 70 meters

**EXACT iIMPACT™ STANDARD RANGE****40MM DIRECT FIRE MUNITIONS**

- Most accurate direct fire munitions
- Accurate to 131 feet / 40 meters
- Produced under exclusive license from U.S. Army
- Passed extensive human effects assessments for blunt impact and penetration

**EXACT iIMPACT™ LE EXTENDED RANGE****40MM DIRECT FIRE MUNITIONS**

- Most accurate direct fire munitions
- Accurate to 230 feet / 70 meters
- Passed extensive human effects assessments for blunt impact and penetration
- Do not use at distances closer than 33 feet / 10 meters

**EXACT iIMPACT™ 24-SHOT  
RELOADABLE TRAINING KIT**  
**40MM RELOADABLE TRAINING ROUND**

- Foam nose bodies are reusable
- Pre-loaded bases are fast to make ready and disposable afterwards
- The training munitions deliver similar accuracy as the live munitions

**eXact iImpact  
Adjustable Range**  
6325-A eXact iImpact

**eXact iImpact Standard Range**  
6325 eXact iImpact

**eXact iImpact Extended Range**  
6325LE eXact iImpact

**Reloadable Training Kits**  
6525 eXact iImpact 24-Shot Kit  
6530-50 Direct/Exact Impact 50-Shot Kit  
6530 Direct/eXact iImpact 250-Shot Kit  
6530LE-50 Extended Range Direct/Exact Impact 50-Shot Kit  
6530LE Extended Range Direct/Exact Impact 250-Shot Kit



# Less Lethal Impact Munitions

## 37MM ROUNDS 37/40MM ROUNDS 40MM ROUNDS

- Comprehensive offering of area and direct fire munitions
- Available in 37mm, 37/40mm or 40mm munitions
- Widely used by corrections and law enforcement agencies for crowd control or single subject compliance

### AREA CONTROL MUNITIONS



STINGER® 32 CAL.  
RUBBER BALLS

STINGER® 60 CAL.  
RUBBER BALLS

### 40mm Rounds

- 6096 Stinger 32 Cal. Rubber Balls
- 6097 Stinger 60 Cal. Rubber Balls
- 6098 Multiple Wood Baton
- 6064 Multiple Rubber Baton
- 6099 Multiple Foam Baton
- 6025 Bean Bag

### 37/40mm Rounds

- 6296 Stinger 32 Cal. Rubber Balls
- 6297 Stinger 60 Cal. Rubber Balls
- 6298 Multiple Wood Baton
- 6299 Multiple Foam Baton
- 6225 Bean Bag

### 37mm Rounds

- 1196 Stinger 32 Cal. Rubber Balls (5.5")
- 1197 Stinger 32 Cal. Rubber Balls
- 1198 Stinger 60 Cal. Rubber Balls (5.5")
- 1199 Stinger 60 Cal. Rubber Balls
- 1176 Multiple Wood Baton
- 1177 Multiple Rubber Baton
- 1178 Multiple Foam Baton
- 1225 Bean Bag

### DIRECT FIRE MUNITIONS



MULTIPLE WOOD  
BATON

MULTIPLE  
FOAM BATON

MULTIPLE  
RUBBER BATON

BEAN BAG



### 12-GAUGE

#### Stinger 32 Cal. Rubber Balls

- 3016 Standard Velocity
- 3020 High Velocity

#### Stinger 68 Cal. Rubber Balls

- 3071 Single Rubber Ball
- 3071-2 Double Rubber Ball
- 3071-3 Triple Rubber Ball

#### Drag Stabilized™

- 3027 Bean Bag Round
- 3028 Marking Bean Bag Round

#### Fin Stabilized

- 3021 Fin Stabilized Round

## 12-GAUGE ROUNDS

- Comprehensive offering of area and direct fire munitions
- Widely used by corrections and law enforcement agencies for single subject compliance

### AREA CONTROL MUNITIONS

### DIRECT FIRE MUNITIONS



STINGER® 32 CAL.  
RUBBER BALLS

DRAG STABILIZED™ ROUND

FIN STABILIZED ROUND

STINGER® 68 CAL.  
SINGLE, DOUBLE OR  
TRIPLE RUBBER BALL





## AERIAL WARNING/SIGNALING MUNITIONS WITH PAYLOAD

### 40MM 50/100/200/300 METERS

- Designed to travel the indicated distance and deflagrate 20 ft. above the target when launcher is held at a 15° elevation angle
- Delivers a sound and light output which are noticeable in day or night conditions
- Produces 170 dB of sound output at 5 ft
- Produces 5 million candelas for 7.5 milliseconds
- Tactile feature on the nose of the cone to indicate designated distance



## AERIAL WARNING/SIGNALING MUNITIONS

### 40MM 50/100/200/300 METERS

- Designed to travel the indicated distance and deflagrate 20 ft. above the target when launcher is held at a 15° elevation angle
- Delivers a sound and light output which are noticeable in day or night conditions
- Produces 170 dB of sound output at 5 ft
- Produces 5 million candelas for 7.5 milliseconds
- Tactile feature on the nose of the cone to indicate designated distance



## AERIAL WARNING/SIGNALING MUNITIONS

### 12-GAUGE 50/100 METERS

- Designed to travel the indicated distance and deflagrate 20 ft. above the target when shotgun is held at a 5° elevation angle
- Delivers a sound and light output which are noticeable in day or night conditions
- Produces 170 dB of sound output at 5 ft
- Produces 2.2 million candelas for 7.5 milliseconds

### 40mm Aerial Warning/Signaling Munitions w/Payload

60280C	50 meters
60290C	100 meters
60300C	200 meters
60310C	300 meters

6028CN	50 meters
6029CN	100 meters
6030CN	200 meters
6031CN	300 meters

6028CS	50 meters
6029CS	100 meters
6030CS	200 meters
6031CS	300 meters

6028IM	50 meters
6029IM	100 meters
6030IM	200 meters
6031IM	300 meters

### 40mm Aerial Warning/Signaling Munitions

6028WS	50 meters
6029WS	100 meters
6030WS	200 meters
6031WS	300 meters

### 12-Gauge Aerial Warning/ Signaling Munitions

3031	50 meters
3029	100 meters

# Pyrotechnic Chemical Grenades

Defense Technology® offers a large assortment of chemical grenades providing options for most any tactical situation. These high-volume pyrotechnic grenades utilize a standard M201A1 type fuze and deliver large plumes of smoke and/or agent.



## FLAMELESS TRI-CHAMBER

- The design of this grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire
- Designed primarily for tactical situations to detect and/or dislodge a barricaded subject
- It is not recommended to launch this grenade

OC CN CS SMOKE



## HAN-BALL™

- Fast burning pyrotechnic grenade with a rubber ball exterior
- Delivers a high volume of agent in 15 seconds

OC CN CS SMOKE



## TRIPLE-CHASER®

- Grenade separates into three sub-munitions to cover greater area and payload coverage
- Sub-munitions land approximately 20 ft. apart with an approximate burn time of 20-30 seconds

OC CN CS SMOKE



## SPEDE-HEAT™

- Long-burning, continuous discharge grenade delivers a high-volume of smoke and agent
- Burn time approximately 30-40 seconds

OC CN CS



## WHITE & COLORED SMOKE

- Smoke is discharged for approximately 30-40 seconds
- Ideal for signaling, communication, distraction and crowd control
- Smoke Colors: White, Black, Blue, Green, Red or Yellow
- Maximum HC Smoke Grenades are also available in Large- and Military-Style canisters

SMOKE



## RIOT CONTROL

- Same long-burning, continuous discharge capabilities as the Spede-Heat™ grenade in a smaller canister
- Delivers a high-volume of smoke and agent
- Burn time approximately 30-40 seconds

OC CN CS



## POCKET TACTICAL

- Though this device is slightly over 4" in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full size tactical grenade
- Burn time 20-40 seconds
- Smoke Colors: White, Blue, Green, Red or Yellow

OC CN CS SMOKE

### Flameless Tri-Chamber

1030	OC
1031	CN
1032	CS
1033	Saf-Smoke™

### Han-Ball™

1099	OC
1091	CN
1092	CS
1093	Saf-Smoke™

### Triple-Chaser®

1020	OC
1025	CN
1026	CS
1027	Saf-Smoke™

### Spede-Heat™

1070	OC
1071	CN
1072	CS

### Riot Control

1080	OC
1081	CN
1082	CS

### White & Colored Smoke

1062	Black Smoke
1063	Saf-Smoke™
1064	Blue Smoke
1065	Green Smoke
1067	Red Smoke
1069	Yellow Smoke
1073	Large-Style Max HC Smoke
1083	Military-Style Max HC Smoke

### Pocket Tactical

1019	OC
1015	CN
1016	CS
1017	Saf-Smoke™
1017B	Saf-Smoke™ Blue
1067G	Saf-Smoke™ Green
1017R	Saf-Smoke™ Red
1017Y	Saf-Smoke™ Yellow





Defense Technology® non-pyrotechnic chemical grenades provide heavy concentrations of payload that immediately contaminate the area and are non-flammable and safe for indoor usage.



## AEROSOL OC VAPOR

- Delivers a very high concentration of agent in a powerful mist and requires very minimal decontamination
- Removing the subject from the affected area to fresh air resolves respiratory effects within minutes

OC INERT



## INSTANTANEOUS BLAST

- Upon initiation of the detonator there is enough force to split at six machined grooves on the outside surface of the canister expelling the powder payload
- Well suited for affecting numerous subjects grouped within a contained area, using wind to the advantage

OC CN CS INERT



## FLAMELESS EXPULSION

- This compact grenade features a CO<sub>2</sub> cartridge which utilizes the released pressure to expel the powder payload
- Most commonly used in tactical deployments by law enforcement or corrections and can affect a confined area of up to approximately 1,500 sq ft.

OC CN CS INERT



## OC AEROSOL FOGGER

- Delivers a payload of 1.3 MC% in less than 15 seconds and is ideal for area denial in enclosed spaces such as attics or garages with minimal cleanup
- Available in 1 oz. and 6 oz. canisters

OC INERT

### Aerosol OC Vapor

1056	OC Vapor
1055	Inert Vapor

### Instantaneous Blast

1040	OC
1041	CN
1042	CS
1043	Inert / Practice

### Flameless Expulsion

2040	OC
2041	CN
2042	CS
2043	Inert / Practice

### OC Aerosol Fogger

56814	1.3% 1 oz.
56854	1.3% 6 oz.
56544I	Inert 1 oz.
56594I	Inert 6 oz.

### OC/CS Aerosol

1050	OC/CS (Not Shown)
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# Pyrotechnic Chemical Projectiles



## SKAT SHELL®

### 40MM & 37MM PYROTECHNIC CHEMICAL MUNITIONS

- Delivers four or five pyrotechnic sub-munitions
- Can be launched to 100 yards
- Force multiplier for mobile field force teams
- Affects a wider area at once

OC CN CS SMOKE



## SPEDE-HEAT™ SHORT RANGE

### 37MM PYROTECHNIC CHEMICAL MUNITIONS

- Single dual-ported short range canister will travel 75 yards
- Available with either a chemical payload or Saf-Smoke™
- Allows for an effective and rapidly developed release line regardless of your position relative to the target group

OC CN CS SMOKE



## SPEDE-HEAT™ LONG RANGE

### 40MM & 37MM PYROTECHNIC CHEMICAL MUNITIONS

- Single dual-ported long range canister will travel 150 yards
- 37mm available with either a chemical payload, colored or Saf-Smoke™
- 40mm only available with chemical payload or Saf-Smoke
- Allows for an effective and rapidly developed release line regardless of your position relative to the target group

OC CN CS SMOKE



## GROUND MARKER

### 40MM PYROTECHNIC CHEMICAL MUNITIONS

- Delivers pyrotechnic smoke or irritant payload downrange at 100, 200 or 300 meters
- Available with a chemical payload, Saf-Smoke™ or colored smoke
- Applications for this product include crowd direction and control, marking and obscuration

OC CN CS SMOKE

#### Skat Shell® 40mm

6170	OC
6171	CN
6172	CS
6173	Saf-Smoke™

#### Skat Shell™ 37mm

1170	OC
1171	CN
1172	CS
1173	Saf-Smoke™

#### Spede-Heat™ 37mm Short Range

2000	OC
2001	CN
2002	CS
2003	Saf-Smoke™

#### Spede-Heat™ 37mm Long Range

1187	OC
1181	CN
1182	CS
1183	Saf-Smoke™
1184	Green
1185	Red

#### Spede-Heat™ 40mm Long Range

6180	OC
6181	CN
6182	CS
6183	Saf-Smoke™

#### Ground Marker 100m

6480	OC
6482	CS
6483	Saf-Smoke™

#### Ground Marker 200m

6580	OC
6582	CS
6583	Saf-Smoke™

#### Ground Marker 300m

6680	OC
6682	CS
6683	Saf-Smoke™

