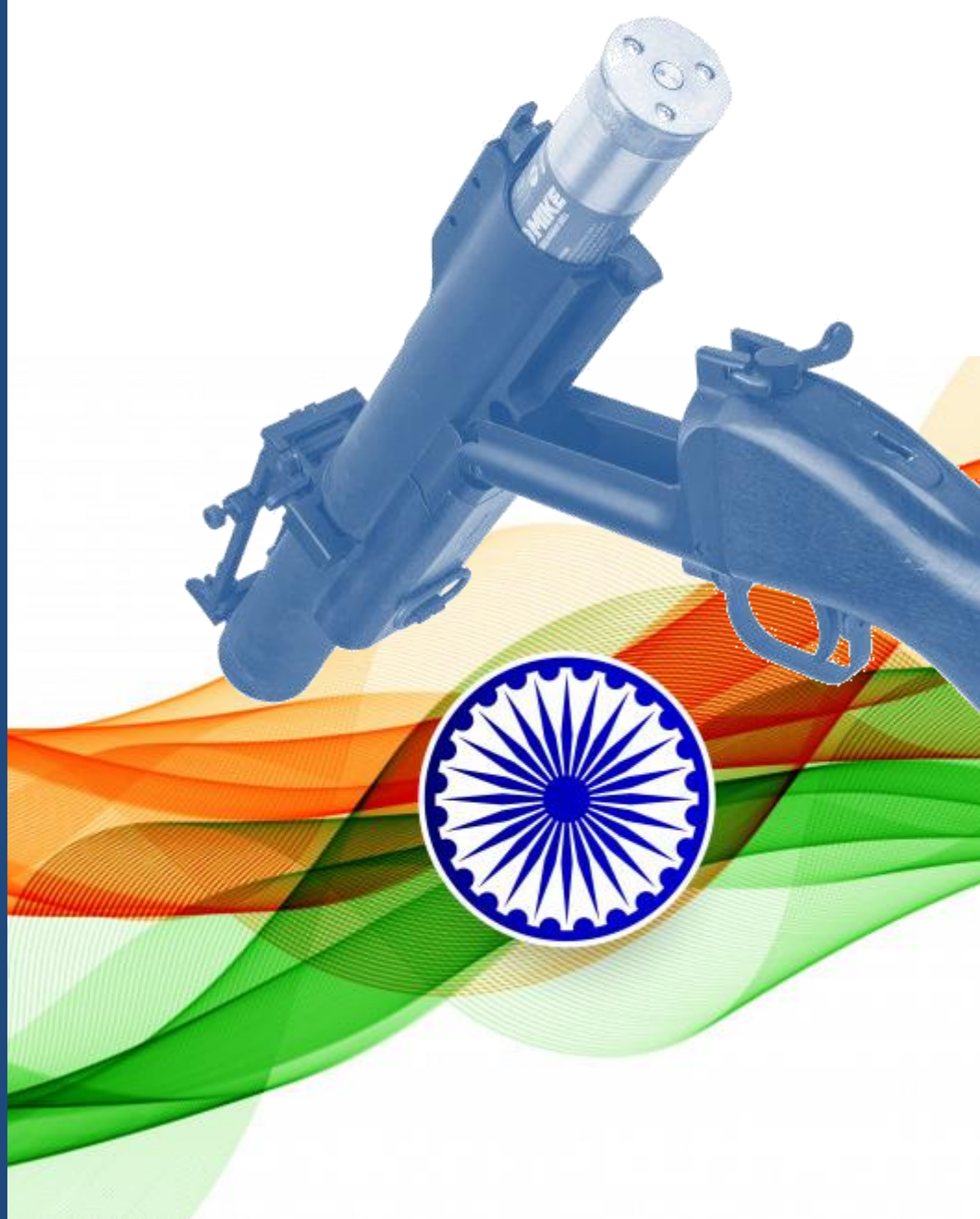


GRENADAES

EXPLOSIVES
LESS THAN LETHAL
WEAPONS & AMMUNITION
ACCESSORIES



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TEAR SMOKE GRENADE (OR)

[Oleoresin Capsaicin (OR) BASED]

DESCRIPTION & USE

Specially dedicated for riot control applications when the law must be enforced. When initiated the tear smoke grenade liberates the fuming oleoresin, which incapacitates the agitators during an operation. Specifically designed keeping in view the implications of receiving the grenade back during contingent operations. The smoke generated creates a vast non-saturated ivory cloud, which is effective to disable the agitators for approximately 30 minutes giving enough time to the law enforcers to act and arrest them without any major complications.

The primary advantages of the product are: -

1. Easy to throw
2. Suitable for all weather conditions
3. Body of the grenades begins melting upon ignition
4. Does no passive harm to the agitators
5. Does not create any sound
6. Thick and heavy smoke which does not saturate easily giving maximum effect



TECHNICAL SPECIFICATIONS

| | |
|-----------------------------|------------------------------------|
| Overall Length | 140 ± 2mm |
| Diameter | 65 ± 0.5mm |
| Emission Time | 55 ± 5 seconds |
| Ignition Delay | 1 ~ 2 seconds |
| Charge Weight | 300 ± 35 Grams |
| Overall Weight | 450 ± 35 Grams |
| Category | Explosives |
| UN Classification | 1.2 G |
| PESO Classification (India) | Class 6 Division 3 |
| HS Code | 360300900/930690000 |
| Packing Type | LDPE Boxes |
| Packing Quantity | 30 units per box |
| Testing | DGQA approved |
| Optional | Without Fuse with launcher adapter |
| SKU/EAN Number | N1501 |

Product Characteristics

Grenade Body

Plastic

Striker Mechanism

Metallic with Primer/RF case to produce ignition flash

Launching Method

Hand Thrown

Shelf Life

5 Years

Irritant

Oleoresin Capsicum (OC)

Purpose

Riot Control & Mob Dispersal
(Can have other applications)

Optional Irritants

CS, CN & CR

TEAR SMOKE GRENADE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

Tear smoke grenades are widely used as a countermeasure to suppress riots. It releases a cloud of tear smoke upon activation which targets lachrymatory glands of individuals. The key benefits of this product are: -

The key benefits of this product are: -

- Longer Duration
- Safer mechanism
- Adaptive assembly

TECHNICAL SPECIFICATIONS

| | |
|-------------------|---------------------------|
| Overall Length | 145 ± 5 mm |
| Diameter | 65 ± 2 mm |
| Discharge time | 30 ± 5 seconds |
| Ignition Delay | 2 ± 1 seconds |
| Charge Weight | 150 ± 15 Grams |
| Overall Weight | 270 ± 20 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard / Wooden Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | N1501 |



Product Characteristics

Grenade Body

HDPE

Initiation

Striker hammer hits Primer/RF case to produce ignition flash

Launching Method

Hand Thrown

Shelf Life

5 Years

Purpose

Riot Control & Mob Dispersal

Active Ingredients

Oleoresin Capsaicin (OR) or CS

GRENADE – TRIPLE EFFECT (3-in-1)

DESCRIPTION & USE

The product is highly suitable for riot control operations. Upon activation, the product causes a concussion effect with flash on its mob. Subsequently, the grenade liberates a tear smoke cloud that incapacitates the mob immediately.

The key benefits of the product are: -

- Multi-purpose
- Causes flash and bang
- Emits irritant smoke
- Disperses irritant powder
- Emits invisible cloud and irritant powder



TECHNICAL SPECIFICATIONS

| | |
|-------------------|--|
| Overall Length | 145 ± 5 mm |
| Diameter | 70 ± 1 mm |
| Discharge time | 20 ± 2 seconds |
| Ignition Delay | 2 ± 1 seconds |
| Charge Weight | Smoke Irritant: 140 ± 10 Grams Flash and Bang: 5 ± 1 Grams Smoke Irritant Powder: 40 ± 5 Grams |
| Overall Weight | 470 ± 30 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | N1502 |

Product Characteristics

Grenade Body

Aluminium

Initiation

Striker hammer hits Primer/RF case to produce ignition flash

Launching Method

Hand Thrown

Active Irritants

Oleoresin Capsaicin (OR) or CS

Shelf Life

5 Years

Purpose

Riot Control & Mob Dispersal

GRENADE – STUN

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

65mm Grenade projectile can be used for application as a grenade and as a stun. The product is suitable to be used as special-operations.

The key benefits of this product are: -

- Longer throwing range
- Safer mechanism
- Safe for shipment
- Adaptive assembly
- Lighter weight

TECHNICAL SPECIFICATIONS

| | |
|-------------------|------------------|
| Overall Length | 145 ± 2 mm |
| Diameter | 65 ± 2 mm |
| Ignition Delay | 2 ± 1 seconds |
| Overall Weight | 200 ± 20 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | N1503 |



Product Characteristics

Grenade Body

HDPE

Initiation

Percussion Caps or Primer

Launching Method

Hand Thrown

Shelf Life

5 Years

Purpose

Riot Control & Mob Dispersal

GRENADE – COLOUR SMOKE

DESCRIPTION & USE

Grenade is designed to emit a thick cloud of smoke in various colours. The duration of the smoke is used for signaling and screening purposes, which holds the following benefits: -

- Various colour options available
- Thick and heavy smoke
- Can be stored with similar class of munitions
- Can be used in rainy or highly moist conditions
- Does not require any major training or expertise



TECHNICAL SPECIFICATIONS

| | |
|-------------------|------------------|
| Overall Length | 145 ± 2 mm |
| Diameter | 65 ± 2 mm |
| Discharge time | 40 ± 5 seconds |
| Ignition Delay | 2 ± 1 seconds |
| Charge Weight | 160 ± 15 Grams |
| Overall Weight | 270 ± 20 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | NI504 |

Product Characteristics

Grenade Body

HDPE

Initiation

Percussion Caps or Primer

Launching Method

Hand Thrown

Colour Options

White, Yellow, Green, Blue, Red,
Orange

Shelf Life

5 Years

Purpose

Screening

INCENDIARY GRENADE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

The product is highly suitable for riot control and room intervention operations. Upon initiation, the product releases slow burning high temperatures.

The key benefits of the product are: -

- Compact grenade
- Suitable for thick metal armor, doors, windows, partitions
- Polymer body

TECHNICAL SPECIFICATIONS

| | |
|-------------------|------------------|
| Overall Length | 145 ± 5 mm |
| Diameter | 65 ± 0.5 mm |
| Ignition Delay | 2 ± 1 seconds |
| Charge Weight | 250 ± 30 Grams |
| Overall Weight | 400 ± 30 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | N1507 |



Product Characteristics

Grenade Body

HDPE

Initiation

Striker hammer hits Primer/RF case to produce ignition flash

Launching Method

Hand Thrown

Active Ingredients

Intense heat generating pyrotechnic composition

Shelf Life

5 Years

Purpose

Metal sheet 5 mm piercing

GRENADE - STUN LAC

DESCRIPTION & USE

Stun Lac Grenade can be used for applications including stun and powder dispersion. The product is suitable to be used during special-operations.

The key benefits of this product are: -

- Disperses irritant powder
- Creates a loud bang
- Safer mechanism

TECHNICAL SPECIFICATIONS

| | |
|-------------------|--|
| Overall Length | 145 ± 2 mm |
| Diameter | 65 ± 2 mm |
| Ignition Delay | 2 ± 1 seconds |
| Charge Weight | Flash and Bang: 20 ± 5 Grams Irritant Powder: 5 ± 1 Grams |
| Overall Weight | 220 ± 20 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | N1509 |



Product Characteristics

Grenade Body

HDPE

Initiation

Percussion Caps or Primer

Launching Method

Hand Thrown

Shelf Life

5 Years

Purpose

Riot Control, Mob-dispersal

DYE MARKER STUN GRENADE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

The product is highly suitable for riot control operations. Upon initiation, the product is used to mark the mob along with causes a concussion effect.

The key benefits of the product are: -

- Colour dye marker liquid for marking
- Creates a flash and bang
- Polymer body

TECHNICAL SPECIFICATIONS

| | |
|-------------------|-----------------------------|
| Overall Length | 145 ± 5 mm |
| Diameter | 65 ± 0.5 mm |
| Ignition Delay | 2 ± 1 seconds |
| Charge Weight | 20 ± 5 Grams 5 ± 1 Grams |
| Overall Weight | 250 ± 25 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| SKU/EAN Number | N1510 |



Product Characteristics

Grenade Body

HDPE

Initiation

Percussion Caps or Primer

Launching Method

Hand Thrown

Shelf Life

5 Years

Purpose

Marking and Dispersing Mob

MULTI-BANG GRENADE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

The product is highly suitable for riot control operations. Upon initiation, the product causes multiple concussion effects to bring down the mob.

The key benefits of the product are: -

- Compact grenade
- Causes repetitive concussion effect upto 9 bangs
- Aluminium body

TECHNICAL SPECIFICATIONS

| | |
|-------------------|------------------|
| Overall Length | 145 ± 5 mm |
| Diameter | 65 ± 0.5 mm |
| Ignition Delay | 2 ± 1 seconds |
| Overall Weight | 550 ± 30 Grams |
| UN Classification | 1.2 G |
| Packing Type | Wooden Boxes |
| Packing Quantity | 20 units per box |
| Testing | DGQA approved |
| SKU/EAN Number | N1511 |



Product Characteristics

Grenade Body

Aluminium

Initiation

Percussion Caps or Primer

Launching Method

Hand Thrown

Number of Bursts

3 / 6 / 9

Shelf Life

5 Years

Purpose

Riot Control, Mob-dispersal

AEROSOL SMOKE GRENADE - FIRE SUPPRESSOR

DESCRIPTION & USE

Specially dedicated for fire extinguishing and suppressant applications. When initiated the smoke grenade liberates the aerosol, which acts as a coolant to douse fires in an enclosed area. The smoke generated creates a vast non-saturated ivory cloud, which is effective to suppress the fire thereby leaving no residue. The smoke is liberated to block the oxygen supply and suppress fires in enclosed or covered areas. The technology widely used in high value installations and assets. The product is highly suitable for countering fires in electronic and electrical installations.

The primary advantages of the product are: -

- Easy to throw and Longer Shelf Life
- Suitable for all weather conditions
- Body of the grenades begins melting upon ignition
- Causes no active harm to the occupants inside the affected location
- Thick and heavy smoke which saturates easily giving maximum effect
- Highly suitable to counter fires at electrical and electronic installations
- Suitable for use in Aerospace & Marine Industry
- Manually operated and does not require special equipment for activation
- Non-pressurized and does not leave any residue
- No maintenance required till expiry of shelf life
- Delay initiated ensuring safety of user
- Can be stored with other similar categories of Ammunition/Munitions
- Can be thrown at long distances using a weapon attachment



TECHNICAL SPECIFICATIONS

| | |
|------------------------------|------------------|
| Overall Length | 140 ± 2mm |
| Diameter | 65 ± 0.5mm |
| Emission Time | 25 ± 5 seconds |
| Ignition Delay | 1 ~ 2 seconds |
| Charge Weight | 180 ± 15 Grams |
| Overall Weight | 280 ± 20 Grams |
| UN Classification | 1.4 G |
| Net Explosive Quantity (NEQ) | 5 ± 1 Grams |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 20 units per box |
| Area Coverage | ≤ 3 Cubic Meters |
| SKU/EAN Number | N1513 |

Product Characteristics

Grenade Body

Plastic

Striker Mechanism

Percussion Caps or Primer

Launching Method

Hand Thrown

Shelf Life

10 Years

Compound

Condensed Aerosol

Purpose

Fire Suppressing

38MM TEAR SMOKE SHELL LONG/SHORT RANGE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

Specially dedicated for riot control applications when the law must be enforced. When initiated the tear smoke shell projectile liberates the fuming irritant, which incapacitates the mob during an operation. Specifically designed keeping in view the implications of receiving the projectile back during contingent operations. The smoke generated creates a vast non-saturated puff of ivory cloud, which is effective to disable the mob for approximately 30 minutes giving enough time to the law enforcers to act and arrest them without any major complications. The primary advantages of the product are: -

- Compatible with standard 38/40mm SBGL & MGL
- Suitable for all weather conditions
- Does no active/passive harm to the mob
- Thick and heavy smoke which does not saturate easily giving maximum effect



TECHNICAL SPECIFICATIONS

| | |
|--------------------|---|
| Overall Length | 120 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | Plastic Shell : 25 ± 5 seconds Metal Shell: 25 ± 5 seconds |
| Long / Short Range | Upto 115 meters/ Upto 75 meters |
| Charge Weight | Plastic Shell: 90 ± 30 Grams Metal Shell: 25 ± 5 seconds |
| Overall Weight | Plastic Shell: 200 ± 30 Grams Metal Shell: 180 ± 20 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1001 |

Product Characteristics

Shell Body

Aluminium / Polymer

Initiation

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Purpose

Riot Control & Mob-dispersal
(Can have other applications)

Active Irritant

Oleoresin Capsaicin (OR) or CS

38MM TEAR SMOKE MUNITIONS

38MM SHELL – TEAR SMOKE

[Oleoresin Capsaicin (OR) BASED]

DESCRIPTION & USE

Specially dedicated for riot control applications when the law must be enforced. When initiated the tear smoke shell projectile liberates the fuming oleoresin, which incapacitates the agitators during an operation. Specifically designed keeping in view the implications of receiving the projectile back during contingent operations. The smoke generated creates a vast non-saturated puff of ivory cloud, which is effective to disable the agitators for approximately 30 minutes giving enough time to the law enforcers to act and arrest them without any major complications.

The primary advantages of the product are: -

- Compatible with standard 38/40mm SBGL & MGL
- Suitable for all weather conditions
- Body of the projectile begins to heat upon activation
- Does no passive harm to the agitators
- Does not create any sound
- Thick and heavy smoke which does not saturate easily giving maximum effect



TECHNICAL SPECIFICATIONS

| | |
|---------------------|-------------------------|
| Overall Length | 124 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | 40 ± 5 seconds |
| Range | Upto 150 meters |
| Charge Weight | 130 ± 30 Grams |
| Overall Weight | 260 ± 35 Grams |
| Category | Ammunition (Explosives) |
| UN Classification | 1.4 G |
| HS Code | 930690000 |
| Packing Type | LDPE Boxes |
| Packing Quantity | 30 units per box |
| Testing | DGQA approved |
| Storage Temperature | -30° C to +60° C |
| EAN/SKU Code | N1001 |

Product Characteristics

Shell Body

Aluminium

Striker Mechanism

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Irritant

Oleoresin Capsicum (OC)

Purpose

Riot Control & Mob Dispersal
(Can have other applications)

Optional Irritants

CS, CN & CR

Propellant

Black Powder

38MM SHELL: SMOKE SCREEN CAMOUFLAGE

DESCRIPTION & USE

The product is highly suitable for intense combat operations. The shell creates a dense cloud which enables forces to disperse from current positions. The key benefits of the product are: -

- Longer shell
- Creates a dense cloud

TECHNICAL SPECIFICATIONS

| | |
|--------------------|------------------------------------|
| Overall Length | 210 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | 45 ± 5 seconds |
| Long / Short Range | Upto 135 meters/ Upto 75 meters |
| Charge Weight | 150 ± 30 Grams |
| Overall Weight | 250 ± 30 Grams |
| UN Classification | 1.4 G |
| Packing Type | Wooden Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1002 |



Product Characteristics

Shell Body

Metal

Initiation

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Smoke Colour

Black (Greyish), Red, Blue, Yellow,
White

Purpose

Signaling

38MM SHELL – ANTI-RIOT RUBBER BULLET (ARRB)

DESCRIPTION & USE

Specially designed for riot control applications when the law must be enforced. When initiated, the rubber projectiles are liberated, which upon impact, inflict the mob/attackers with intense pain during an operation. It has been designed keeping in view the implications of counter-attack during an operation. The rubber does not cause any known permanent damage, making it effective giving enough time to the law enforcers to act without any major complications. The primary advantages of the product are: -

- Compatible with standard 38/40mm SBGL& MGL
- Suitable for all weather conditions
- Causes intense pain and agony

TECHNICAL SPECIFICATIONS

| | |
|-----------------------|---|
| Overall Length | 120 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Range | Upto 30 meters |
| Rubber Baton Quantity | 3 Nos. / 15 Nos. |
| Overall Weight | 3 Batons: 140 gms 15 Batons: 140 gms |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1003 |



Product Characteristics

Shell Body

Polymer

Initiation

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Purpose

Riot Control, Mob-dispersal

Content

Rubber Batons

Options

3 Batons

15 Batons

38MM SHELL – FIRE SUPPRESSOR (FS)

DESCRIPTION & USE

Specially designed for countering small & medium fires from a distance. When initiated, the projectile liberates a cloud-based smoke, which suppress the fire. Specifically designed keeping in view the implications of electrical & electronic installations. The smoke generated creates a vast non-saturated cloud, which is effective for approximately 30 seconds giving enough time to fire-fighting team to act without any major complications. The primary advantages of the product are: -

- Compatible with standard 38/40mm SBGL & MGL
- Suitable for all weather conditions.
- Body of the projectiles begins to heat upon activation.
- Best substitute to counter small & medium fires.
- No GWP & ODP
- Aerosol based technology
- Thick and heavy smoke which does not saturate easily giving maximum effect.



TECHNICAL SPECIFICATIONS

| | |
|---|--|
| Overall Length | 210 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | 45 ± 5 seconds |
| Long / Short Range | Upto 135 meters / Upto 75 meters |
| Net Explosive Quantity _(NEQ) | 1.5 ± 0.5 Grams |
| Charge Weight | 150 ± 30 Grams |
| Overall Weight | 250 ± 30 Grams |
| Category | Ammunition (Explosives) |
| UN Classification | 1.4 G |
| HS Code | 930690000 |
| Packing Type | Wooden Boxes |
| Packing Quantity | 50 units per box |
| Testing | International Certification authority for Aerosol |
| Storage Temperature | -20° C to +50° C |
| EAN/SKU Code | NI004 |

Product Characteristics

Shell Body

Metal

Initiation

Primer

Launching Method

38/40 mm Launcher

Active Ingredient

Condensed Aerosol

Shelf Life

10 Years

Purpose

Fire Suppression

Propellant

Black Powder

40MM GRENADE – TARGET PRACTICE & TRACER (TPT)

DESCRIPTION & USE

Specially dedicated for target practice, training & simulation applications. When initiated, the projectile hits the target pointed at, which helps trainees to enhance skills. Specifically designed keeping in view the implications of failure, the practice grenades can be used to create a non-saturated puff of smoke, which simulates the affected area allowing law enforcers to exercise without any complications.

The primary advantages of the product are: -

- Compatible with standard 40mm UBGL & MGL.
- Suitable for all weather conditions.
- Does no active/passive harm to the mob.

TECHNICAL SPECIFICATIONS

| | |
|-------------------------|---|
| Overall Length | 100 ± 5 mm |
| Diameter | 40 ± 0.5mm |
| Sound Level | < 180 Decibels |
| Range | 400 meters |
| Overall Weight | 215 ± 15 grams |
| Muzzle Velocity | 75 ± 5 mps |
| UN Classification / No. | 1.4 C / 0012 |
| HS Code | 930690000 |
| Packing Type | Wooden Boxes |
| Packing Quantity | 72rds / 373 x 339 x 291 mm Net 16 Kg/ Gross 23Kg |
| Testing | DGQA approved |
| Storage Temperature | -20° C to +50° C |
| EAN/SKU Code | N1005 |



Product Characteristics

Shell Body

Metal

Initiation

Primer

Launching Method

40 mm Launcher

Shelf Life

5 Years

Purpose

Target Practice & Tracer

38MM SHELL - TEAR SMOKE SOFT NOSE

DESCRIPTION & USE

The product is highly suitable for close combat operations. The rubber nose creates a blunt impact on the body of the mob, thereby temporarily neutralizing them. The key benefits of the product are: -

- Longer shell
- Blunt nose made of soft rubber
- Condensed CS based tear smoke compound with optional irritants
- More burning time

TECHNICAL SPECIFICATIONS

| | |
|---------------------|------------------------------------|
| Overall Length | 210 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | 25 ± 5 seconds |
| Long / Short Range | Upto 115 meters/ Upto 75 meters |
| Charge Weight | 135 ± 10 Grams |
| Overall Weight | 250 ± 20 Grams |
| Category | Ammunition (Explosives) |
| UN Classification | 1.4 G |
| HS Code | 930690000 |
| Packing Type | Wooden Boxes |
| Packing Quantity | 50 units per box |
| Testing | DGQA approved |
| Storage Temperature | -20° C to +50° C |
| EAN/SKU Code | N1006 |



Product Characteristics

Shell Body

HDPE

Initiation

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Purpose

Riot Control, Mob-dispersal

Active Ingredient

CS

38MM ELECTRIC SHELL – TEAR SMOKE LONG/SHORT RANGE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

The product is highly suitable for close combat operations. The shell uses an electric ignition mechanism instead of primers to avoid accidental firing. The key benefits of the product are:

- Shorter shell
- Electrically activated
- Condensed CS based tear smoke compound with optional irritants
- More burning time
- Compatible with Agnivarsha launchers manufactured by AWEIL & CENWESTO India

TECHNICAL SPECIFICATIONS

| | |
|--------------------|-----------------------------------|
| Overall Length | 210 ± 5 mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | 25 ± 5 seconds |
| Long / Short Range | Upto 115 meters Upto 75 meters |
| Charge Weight | 135 ± 10 Grams |
| Overall Weight | 250 ± 30 Grams |
| UN Classification | 1.4 G |
| HS Code | 930690000 |
| Packing Type | Wooden Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1007 |



Product Characteristics

Shell Body

Polymer

Initiation

SQUIB

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Purpose

Riot Control & Mob-dispersal

Active Ingredient

Oleoresin Capsaicin (OR) or CS

38MM SHELL STUN

DESCRIPTION & USE

The product is highly suitable for close combat operations. The projectile creates a loud bang after initiation.

. The key benefits of the product are: -

- Creates a loud bang
- Can be fired from existing 38 mm gas launchers

TECHNICAL SPECIFICATIONS

| | |
|-------------------|--------------------|
| Overall Length | 210 ± 5 mm |
| Diameter | 38.3 ± 0.5mm |
| Range | 100 ± 10 meters |
| Overall Weight | 160 ± 10 Grams |
| Sound Level | 130 – 180 Decibels |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1008 |



Product Characteristics

Shell Body

Aluminium

Initiation

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Purpose

Riot Control & Mob-dispersal

38MM SHELL - COLOUR SMOKE

DESCRIPTION & USE

The product is highly suitable for intense combat operations. The shell creates a dense cloud which enables forces to disperse from current positions. The key benefits of the product are: -

- Longer shell
- Various color smoke options available
- Creates a cloud which enables forces to disperse from current position
- Immediate responder

TECHNICAL SPECIFICATIONS

| | |
|--------------------|-------------------------------------|
| Overall Length | 120 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Emission Time | 40 ± 5 seconds |
| Long / Short Range | Upto 115 meters / Upto 75 meters |
| Overall Weight | 210 ± 10 Grams |
| UN Classification | 1.4 G |
| Packing Type | Fiberboard Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1009 |



Product Characteristics

Shell Body

Aluminium

Initiation

Primer

Launching Method

38/40 mm Launcher

Colour Options

White, Green, Yellow, Red, Blue,
Orange

Shelf Life

5 Years

Purpose

Signaling

38MM GRENADE PROPELLING CARTRIDGE

In technical collaboration with Defence Research & Development Organization (DRDO)

DESCRIPTION & USE

The shell is used to propel a grenade using a gas or flare or grenade launcher. The shell consists of high-pressure propellant suitable for propelling a grenade to a considerable distance: -

- Small in size
- Easy to carry and store
- Single application
- Easy identification



TECHNICAL SPECIFICATIONS

| | |
|------------------------------|---|
| Overall Length | 70 ± 2mm |
| Diameter | 38.3 ± 0.5mm |
| Range | Upto 100 meters for product weight upto 300 Grams |
| Overall Weight | 180 ± 5 Grams |
| UN Classification | 1.4 G |
| Net Explosive Quantity (NEQ) | 1.5 ± 0.5 Grams |
| Packing Type | Fireboard/Wooden Boxes |
| Packing Quantity | 50 units per box |
| EAN/SKU Code | N1019 |

Product Characteristics

Shell Body

Aluminium

Initiation

Primer

Launching Method

38/40 mm Launcher

Shelf Life

5 Years

Purpose

Propelling Hand Grenade

Propellant

Black Powder

VERY SIGNAL CARTRIDGES & FLARES

DESCRIPTION & USE

The cartridges are used for signal purpose by mariners. They are used to signal the exact location of the ship or their whereabouts. They are available in multiple colors for different signals.

The key benefits of the goods are: -

- Longer range and shelf life
- Stable compound
- Multiple colors available



Product Characteristics

Caliber

26 ± 0.5 mm Signal Pistol (Handgun)

Type

26.5 mm Pistol Signal Type – 57 or similar

Shelf Life

8 Years

Composition

Delay composition

Options

Red, White, Green, Blue, Illuminating

Application

Marine and Signals

Proper Shipping Name

Cartridges, Signal

TECHNICAL SPECIFICATIONS

| | |
|--|---|
| Primary Ingredients | Smoke Compositions |
| Product | Cartridges, Signals, Flares/Rockets |
| Burning Time | 7 ± 1 seconds |
| Light Density | Red – 25 Kcd, Green – 25 Kcd Illuminating – 40 Kcd (Approx.) |
| Material of Cartridge Case | Aluminium or Plastic (Optional) |
| Sound | ≤ 170 Decibels at 3 meters height distance and 1 meter height |
| Night Identification, Illumination, Weight, Net Explosive Quantity (NEQ) | <ol style="list-style-type: none">1. Red – milled all around carts base, ≥ 30,000 Candella, NEQ: ≤ 15 Gms (0.53 oz.), Weight: ≤ 38 Gms each (0.99 oz.);2. White – Carts base no milled, ≥ 40,000 Candella, NEQ: ≤ 26.5 Gms (0.93 oz.), Weight: ≤ 45 Gms each (0.99 oz.);3. Green – Carts base no milled, ≥ 10,000 Candella, NEQ: ≤ 15 Gms (0.53 oz.), Weight: ≤ 38 Gms each (1.34 oz.);4. Maroon – Carts base no milled, NEQ: ≤ 13 Gms (0.46 oz.), Weight: ≤ 62 Gms each (2.19 oz.);5. Illuminating – Carts base half milled, ≥ 30,000 Candella, NEQ: ≤ 40 Gms (0.53 oz.), Weight: ≤ 60 Gms each (2.12 oz.) |
| Maximum Range | ≥ 120 meters (394 feet) by firing at 90° angle. |
| Length | 80 – 85 mm |
| Burning Time | 7 ± 1 Seconds |
| Relative Humidity | Upto 90% |
| Category | Arms Classification: Category I(b); PESO Classification: Class 7 Division 2/2 |
| UN Classification/Number | 1.4G, UN 0312 ; Maroon 1.3G, UN 0054 |
| SCOMET | 6A003 |
| HS Code | 930690000 |
| Packing Quantity | 25 kilograms or 250 cartridges in fibreboard box (Max) in pack of 10 |
| Storage Temperature | - 30°C to + 60°C |
| Operating Temperature | - 30°C to + 60°C |
| EAN/SKU Code | N2001 |

GRENADE LAUNCHERS

LAUNCHERS FOR RIOT CONTROL,
MOB DISPERSAL & COUNTER-
INSURGENCY OPERATIONS



| Type | Multi-Shot Grenade Launcher(MGL) | Single Barrel Grenade Launcher (SBGL) | |
|--------------------------|---|--|--|
| Model | N600 | N101 | N102 |
| Caliber | 38mm / 40mm | 38mm/40mm | 38mm/40mm |
| Capacity | 6 Round drum magazine with chamber | Single Shot | Single Shot |
| Weight | 3.8 Kgs | >2 Kgs | >2 Kgs |
| Hammer | Double Action | Double Action | Double Action |
| Gun Stock | Fixed Gun Stock | Foldable Gun Stock | Foldable Gun Stock |
| Firing System | Semi-Auto | Manual | Manual |
| Dimensions | 740mm (full), 245mm (barrel) | 695mm (full), 280mm (barrel) | 755mm (full), 340mm (barrel) |
| Rifle | Smoothbore without rifling | Smoothbore without rifling | Smoothbore without rifling |
| Safety | Trigger Safety Lock | Trigger Safety Lock | Trigger Safety Lock |
| Reloading | Pump Action Revolving (MultiShot) Front Break drop down barrel | Breach-loading Top breakdrop down barrel | Breach-loading Top break drop down barrel |
| Fire Distance | 80 – 150 Meters | 80 – 150 Meters | 80 – 150 Meters |
| Packing & Packaging | 5 Each/Box 500 Each/20ft Container | 5 Each/Box 1000 Each / 20ft Container | 5 Each/Box 1000 Each / 20ft Container |
| Material | Aluminium Alloy (Structure) Synthetic (Grips) | Aluminium Alloy (Structure) Synthetic (Grips) Rubber (Gun Stock) | Aluminium Alloy (Structure) Synthetic (Grips) Synthetic (Gun Stock) |
| Ammunition Compatibility | Compatible with standard NATO ammunition with length upto 125mm Suitable for 38mm or 40mm Tear Gas Cartridges, Rubber Ball Bullets, Sponge Bullet, Flash Bangs | Compatible with standard NATO ammunition including that of TSU, India Suitable for 38mm/40mm Tear Gas Cartridges, Rubber Ball Bullets, Sponge Bullet, Flash Bangs | Compatible with standard NATO ammunition with length upto 130mm Suitable for 38mm/40mm Tear Gas Cartridges, Rubber Ball Bullets, Sponge Bullet, Flash Bangs |

38MM MULTI-SHOT AUTOMATIC (CAR-MOUNTED) GAS LAUNCHER



38 mm Multi-Shot Automatic (Car Mounted) Gas launcher has automatic motorized firing Pin Fire System and it is one of best soldier friendly equipment to throw upto 15 grenades in a single shot/fire. The attachment is fitted into the front of Car and can be operated via attached battery pack to control Riots and Mobs

PRODUCT SPECIFICATIONS

| | |
|----------------------------------|---|
| Caliber | 38/40 mm (15 Rounds) |
| Operation | Motorized firing Pin Fire System |
| Overall Dimensions (Control Box) | L374.5 X W417.0 X H246.5 mm (L274.0 X W92.0 X H89.3mm) |
| Material | Aluminium/Stainless Steel |
| Overall Weight | Approx 20 kgs (excluding accessories) |
| Ammunition Type | Oleraisin / CS Smoke / CS Powder / Rubber Baton / Rubber Bullet |
| Effective Range | 80 ~ 120 m |
| Firing Angle | 15/30/45 Degree |
| Firing | Semi-Auto Shot - Firing 5 Grenades per shoot Full Shot - Firing 15 Grenades at one |
| Battery Type | 12 V 4Ah * 1EA (Rechargeable Lead Acid Battery) |
| Battery Capacity | +/- 50 times Full Shot Shooting (around 750 grenades) |
| SKU/EAN No. | D702 |

Warning: This round should only be used by properly trained individuals in the use of specialty impact munitions. Death or serious injury may occur in rare or unexpected instances or if the product is misused. Individuals should only engage appropriate target areas. All specs are average and are subject to change without notice. All specs are average and are subject to change without notice.

CAPSISPRAY™ An Eco-friendly Less-than-lethal Oleoresin Capsaicin (OC) based Spray

(Developed in Technical Collaboration with Defense Research & Development Organization)



Capsispray - 55 ml



Capsispray - 170 ml



Capsispray - 400 ml



Capsispray - Sneaker

Developed in technical collaboration with DRDO, the products are novel, unique and eco-friendly with no known side effects. Made from extracts of the hottest chilli in the world having the highest content of capsaicinoid to exploit the hotness and pungency for multiple applications.

| Size/Characteristic | 55 ml | 120 ml | 170 ml | 250 ml | 400 ml |
|-----------------------------|---------------------------------|---------------------------------|---------------------------------|---|---|
| Bursts | 5 (1 sec) | 7 (1 sec) | 9 (1 sec) | 11 (1 sec) | 17 (1 sec) |
| Distance | > 9 feet | > 12 feet | > 12 feet | > 14 feet | > 18 feet |
| Content | Oleoresin Solution & Propellant | Oleoresin Solution & Propellant | Oleoresin Solution & Propellant | Oleoresin Solution & Propellant | Oleoresin Solution & Propellant |
| Application | Self-Defense | Self-Defense | Self-Defense | Riot Control & Mob Dispersal | Riot Control. Mob Dispersal & Room Intervention |
| Shelf Life | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years |
| Optional Accessories | Holster | Holster with Pocket Knife | Holster with Pocket Knife | Holster with Room Intervention Assembly | Holster with Room Intervention Assembly |
| Alternate Irritant | CS & Skunk | CS & Skunk | CS & Skunk | CS & Skunk | CS & Skunk |
| SKU No. | N1901 | N1902 | N1903 | N1904 | N1905 |

These products are available in different variants for diverse applications ranging from self-defense to law enforcement use. They are very handy less-than-lethal weapons recommended for all to avert difficult situations. Pepper Sprays serve as a basic medium to control attackers and agitators.

Major reasons to use a pepper spray:-

- Basic substitute of a firearm to defend oneself
- Immediate responder
- Safe to carry and easy to use
- No license/permission required for possession
- Leaves no permanent effect
- Extremely effective for close encounters



Capsispray Sneaker is a special type of spray developed for special operations. The product has been developed as a potential solution to incapacitate vigilants prior to entering complex premises without any sound. The product is supported by a bent metal harness for on-site support to penetrate establishments by the forces without causing any direct harm during an operation.

CAPSIGRENADE™

An Eco-Friendly Less-than-lethal Aerosol Grenade based on Oleoresin Capsaicin (OC)
(Developed in Technical Collaboration with Defense Research & Development Organization)

DESCRIPTION & USE

Oleoresin Capsaicin (OC) based less-than lethal aerosol grenade is produced adopting the best manufacturing practices. The product has been developed in technical collaboration with Defense Research & Development Organization (DRDO), India's premier development agency under the Ministry of Defense.

The product is highly effective during close combat, controlling riots, counter-insurgency and hostage recovery operations. Having a regulated discharge rate, the grenades immediately release the contents causing severe choking and eye irritation. The products are available in multiple variants for diverse applications. Best suited for containing all the miscreants without causing any direct harm.



| Size/Characteristic | 55 ml | 170 ml | 250 ml |
|-----------------------|---|---|---|
| Discharge Duration | 5 sec | 7 sec | 12 sec |
| Area of Effectiveness | 10 M Radius | 20 M Radius | 50 M Radius |
| Compatibility | With Grenade Launcher using Projectile Case | With Grenade Launcher using Projectile Case | With Up-graded Grenade Launcher using Projectile Case |
| Nature | Quick voluntary movement during discharge | Limited voluntary movement during discharge | Stable voluntary movement during discharge |
| Shelf Life | 3 Years | 3 Years | 3 Years |
| Optional Accessories | Holster | Holster with pocket knife | Holster with Room Intervention Assembly |
| Alternate Irritants | CS & Skunk | CS & Skunk | CS & Skunk |
| SKU Number | N1803 | N1802 | N1801 |

Key benefits of the Aerosol Grenades are:-

- (a) Immediate Activation
- (b) Quick Discharge
- (c) Random Voluntary Movement
- (d) Non-Explosive
- (e) DRDO Backed Technology
- (f) Minimal Failure Rate
- (g) Long shelf life
- (h) Easy to store & Transport



