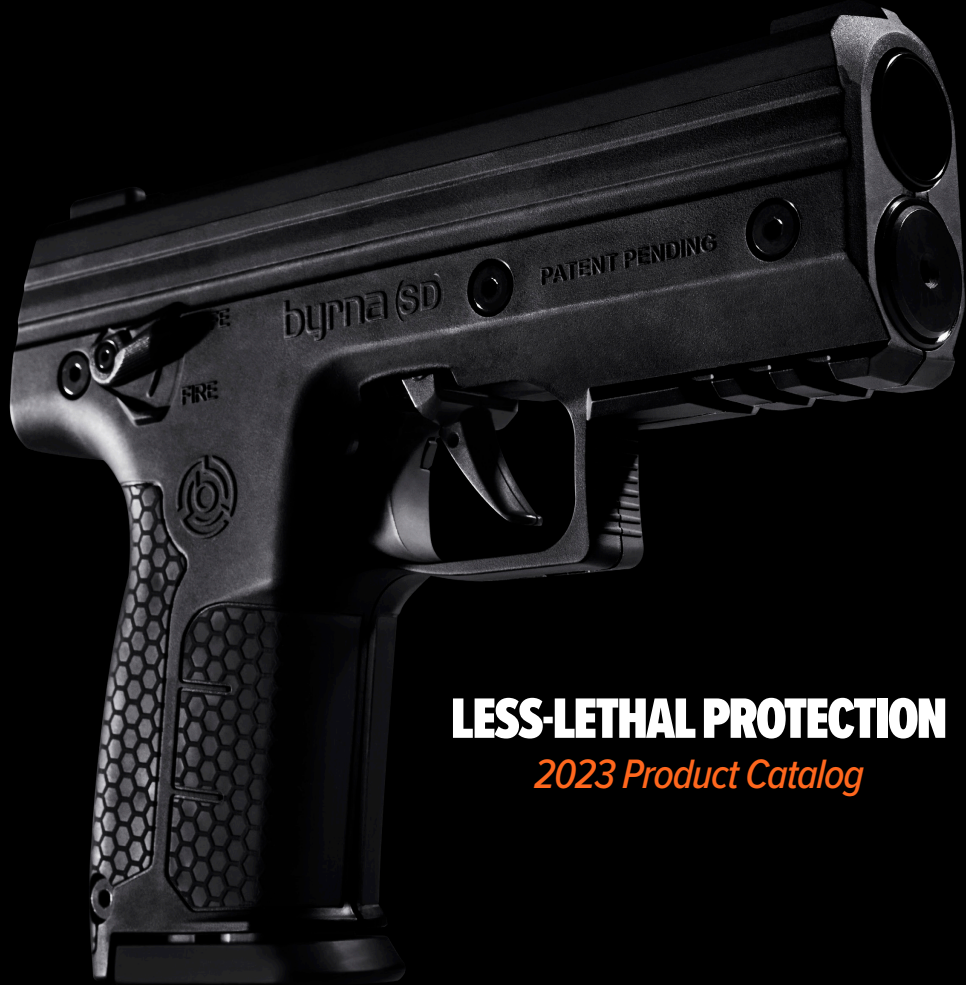


PREPARED TO DEFEND™



LESS-LETHAL PROTECTION
2023 Product Catalog



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BYRNA—CREATED BY AN AVID GROUP OF GUN OWNERS

Byrna was created by an avid group of gun owners. Like many responsible gun owners, however, we didn't know how quick we would be to pull the trigger when confronted with a potential threat. If we hesitated – would it be a fatal hesitation? And if we didn't hesitate – would we be making a fatal mistake? We wanted a non-lethal option that we could add to our arsenal that was safe, effective, and reliable.

The problem was that there was nothing available on the market that could stop an assailant at distance and was easy to carry on a concealed basis. Most compact less-lethal weapons, including everything from stun guns and batons to pepper sprays and Tasers, are severely range limited. By the time the weapon is effective, the situation has escalated out of control. The .68-caliber projectile launchers that were available at the time were simply re-purposed paintball guns. As such they were large and bulky and had serious limitations because they were never designed for self-defense.

So, we decided to create a small handheld device that had the form factor of a gun, could fire multiple rounds, was accurate to 60 feet and could effectively and reliably disarm and disable an assailant. The result was the Byrna HD, which we launched in the summer of 2019. Since that time, Byrna has sold over 275,000 Byrna handheld launchers to ordinary citizens, private security professionals and law enforcement officers. The Company has since expanded into all things “personal self-defense” including less lethal rifles, body armor, bullet-proof backpacks, aerosol sprays, personal security alarms and, most recently, less-lethal 12-gauge rounds.

In these uncertain times, ordinary citizens are often forced to be their own First Responders. With Byrna's personal self-defense weapons, you can always be “Prepared to Defend” yourself and your family. And most importantly, there are no fatal mistakes.

BYRNA'S MISSION

To provide civilians, law enforcement officers and security professionals with a safe, reliable and effective non-lethal alternative to traditional firearms that will allow Byrna's customers to protect and defend themselves, their families and their community without the need to resort to deadly force.





THE VISION AND CHALLENGE

COMPACT AND CONCEALABLE

The biggest challenge in creating the Byrna was to pack enough stopping power into such a small piece of real estate. If the launcher could not easily fit in a glove box, purse, or jacket pocket, it might not be available when it was needed most.

THE BYRNA NEEDED TO BE ABLE TO STOP AN ASSAILANT

The Byrna needed to have ample stopping power. Our goal was to give ordinary citizens the ability to disarm, disable and deter a would-be assailant without causing permanent injury or death, in order to give them and their family time to get out of harm's way.

ALWAYS AT THE READY – THE BYRNA NEEDS TO BE READY TO DEPLOY AT A MOMENT'S NOTICE

With most .68-caliber launchers, the CO2 cylinder is punctured when it is loaded into the launcher. Over the next 24-hours, the CO2 will leak out, rendering the weapon inoperable. In response, Byrna developed its patented first-shot, pull-pierce technology. This allows the CO2 cylinder to remain in the launcher, unpunctured, until needed. Then, when the trigger is pulled, the CO2 is punctured and the projectile is fired simultaneously, meaning that the Byrna is always at the ready whether it has been sitting for a week, a month, a year, or several years.

DISTANCE EQUALS SAFETY

With batons and stun guns, you are in hand-to-hand combat before they are effective. Even with pepper spray or a Taser, you are range-limited to 10 to 15 feet. By then, the situation has escalated out of control. The Byrna SD and EP have a 60' effective range and the Byrna LE has an 80' effective range.

MULTIPLE SHOTS

Byrna's handheld pistols carry up to 7 rounds in a magazine and can fire multiple magazines from a single CO2 cylinder. Tasers, by comparison, are limited to just one or two shots. The ability to fire multiple shots without reloading, allows the user to put multiple rounds on target and/or confront multiple threats simultaneously.

BUILD A QUALITY PRODUCT

The Byrna is NOT a toy. It is a very sophisticated piece of technology. Whereas a traditional handgun has approximately 35 parts, the Byrna has more than 110 parts - and unlike a handgun, it must hold air at 800 psi. The Byrna is constructed to exacting specifications from the same glass infused polymers, military grade aluminum and stainless steel as the most well-known and well-respected firearm brands.



REVOLUTIONARY TECHNOLOGY ENGINEERED TO PERFORM



BYRNA TECHNOLOGIES, INC.—THE LEADER IN LESS-LETHAL



- ESTABLISHED IN 2004
- FACTORIES IN FORT WAYNE, INDIANA / PRETORIA, SOUTH AFRICA / BUENOS AIRES, ARGENTINA



BYRNA NATION IS OVER 250,000 MEMBERS STRONG

- OVER 275,000 UNITS SOLD IN JUST THREE YEARS TO LAW ENFORCEMENT, PRIVATE SECURITY, SMALL BUSINESS OWNERS, HOMEOWNERS, RV OWNERS, BOATERS



- CARRIED BY MORE THAN 250 DOMESTIC LAW ENFORCEMENT AGENCIES



- ADOPTED BY OVER 20 LARGE INTERNATIONAL LAW ENFORCEMENT AGENCIES



- HUNDREDS OF REAL-WORLD CASES OF THE BYRNA BEING USED TO STOP CARJACKINGS, THWART MUGGINGS AND PREVENT HOME INVASIONS
- DOZENS OF CRIMINALS APPREHENDED BY POLICE WITHOUT A SINGLE LIFE LOST – OR TAKEN



- AVAILABLE IN MORE THAN 500 BRICK & MORTAR OUTLETS



- OVER 165 EMPLOYEES
- PUBLICLY TRADED ON THE NASDAQ: STOCK SYMBOL - BYRN

PISTOLS

THE BYRNA LE | SD | EP







BYRNA PISTOLS



THE BYRNA LE
LAW ENFORCEMENT
MSRP: \$479.99

Available in:  



BYRNA LE KIT | FEATURES | BENEFITS

- .68 caliber Projectiles (15 per Kit)
- 7-round Magazine (2 per Kit)
- Uses 12-gram CO2 (2 per Kit)
- Picatinny Rail
- Honeycomb over-molded grip for better control
- Ambidextrous Safety
- White dot sights for improved target acquisition

BYRNA LE | PERFORMANCE

- Muzzle Velocity – 340 fps*
- Kinetic Energy – 16.1 joules*
- Shot Capacity per CO2 – 35 shots**
- Effective Range – 80'

*Average first 10 shots

**At room temperature

BYRNA PISTOLS



BYRNA SD KIT | FEATURES | BENEFITS

- .68 caliber Projectiles (15 per Kit)
- 5-round Magazine (2 per Kit)
- Uses 8-gram CO2 (2 per Kit)
- Picatinny Rail
- Honeycomb over-molded grip for better control
- Ambidextrous Safety

BYRNA SD | PERFORMANCE

- Muzzle Velocity – 265 fps*
- Kinetic Energy – 9.8 joules*
- Shot Capacity per CO2 – 25 shots**
- Effective Range – 60'

*Average first 10 shots
**At room temperature



BYRNA EP KIT | FEATURES | BENEFITS

- .68 caliber Projectiles (5 per Kit)
- 5-round Magazine (1 per Kit)
- Uses 8-gram CO2 (1 per Kit)
- Picatinny Rail
- Honeycomb over-molded grip for better control

BYRNA EP | PERFORMANCE

- Muzzle Velocity – 265 fps*
- Kinetic Energy – 9.8 joules*
- Shot Capacity per CO2 – 25 shots**
- Effective Range – 60'

*Average first 10 shots
**At room temperature

BYRNA PISTOL SPECS



DESCRIPTION	UNITS OF MEASUREMENT	BYRNA LE	BYRNA SD	BYRNA EP
Model Name		Byrna LE	Byrna SD	Byrna EP
Caliber	inch / mm	0.68 / 17.35mm	0.68 / 17.35mm	0.68 / 17.35mm
Projectile Type		Round Ball	Round Ball	Round Ball
Length (along the barrel)	inch / mm	8.04" / 204mm	7.28" / 185mm	7.28" / 185mm
Height (along the grip)	inch / mm	5.62" / 143mm	5.62" / 143mm	5.62" / 143mm
Width	inch / mm	1.375" / 35mm	1.375" / 35mm	1.0" / 25.4mm
Loaded weight (lbs. / Grams)	lbs. / grams	1.425 lbs / 646g	1.3 lbs / 590g	1.3 lbs / 590g
Magazine Capacity	No. of rounds	7 rounds	5 rounds	5 rounds
Receiver Materials		Glass filled Nylon	Glass filled Nylon	Glass filled Nylon
Internal Materials		Aluminum, Stainless steel	Aluminum, Stainless steel	Aluminum, Stainless steel
Propulsion		12-gram CO2	8-gram CO2	8-gram CO2
Average Muzzle Velocity (first 10 shots)	feet / sec. (fps)	340	265	265
Maximum Muzzle Velocity	feet / sec. (fps)	400	300	300
Average Kinetic Energy	Joules	16.1 joules	9.8 joules	9.8 joules
Maximum Kinetic Energy	Joules	22.3 joules	12.5 joules	12.5 joules
Effective Range	feet / meters	80' / 24.4 meters	60' / 18.2 meters	60' / 18.2 meters
Shot Capacity on single CO2	No. of rounds	35	25	25
Operating Temperature Range	F / C	20°-120°F / -6.7°-49°C	20°-120°F / -6.7°-49°C	20°-120°F / -6.7°-49°C
Safety Mechanism		Ambidextrous lever	Ambidextrous lever	NA



RIFLES

THE BYRNA TCR | MISSION 4 | MLR



BYRNA RIFLES



THE BYRNA TCR
MSRP: \$749.99



BYRNA TCR PRO BUNDLE FEATURES | BENEFITS

- .68 caliber Projectiles (not included in Kit)
- 7-round Magazine & 12-round Magazine
- Uses 12-gram CO2 (not included in Kit)
- Quad Picatinny Rail
- Foregrip for better control
- Push button Safety
- Folding front and rear sights for improved target acquisition

- Adjustable buttstock with adjustable cheek pad
- Quick change CO2 housing
- Byrna Branded Rifle Bag

BYRNA TCR | PERFORMANCE

- Muzzle Velocity – 295 fps*
- Kinetic Energy – 12.1 joules*
- Shot Capacity per CO2 – 19 shots**
- Effective Range – 75'

*Average first 10 shots

**At room temperature

BYRNA RIFLES



THE BYRNA MISSION 4
MSRP: \$899.99



THE BYRNA MLR
MSRP FULL-AUTO: \$799.99
MSRP SEMI-AUTO: \$759.99



BYRNA MISSION-4 BUNDLE FEATURES | BENEFITS

- .68 caliber Projectiles (190 included)
- 19-round magazine (2 coupled included)
- Uses 88-gram CO2 (4 included)
- Quad Picatinny Rail
- Foregrip for better control
- Two position external selector switch: Safe or Firing Mode
- Folding front and rear sights for improved target acquisition
- Anodized orange fully aluminum charging handle

- Fully pneumatic operation
- Durable magnesium receiver
- AR-15 style M-LOK shroud
- Integrated sling mounts
- Byrna Branded Rifle Bag

BYRNA MISSION-4 PERFORMANCE

- Muzzle Velocity – 325 fps*
- Kinetic Energy – 14.7 joules*
- Shot Capacity per CO2 – 55 shots**
- Effective Range – 100'

*Average first 10 shots
 **At room temperature



BYRNA MLR FEATURES | BENEFITS (PROFESSIONAL USE ONLY)

- .68 caliber Projectiles (not included)
- 180 round Hopper
- 26 Cubic Inch tank
- Forward Mounted Tank Bracket
- 5-position removable folding stock
- Easy twist on/off valve with integrated safety vent
- Patented, pneumatic drive Cyclone Feed system (no batteries required)
- Mechanical Safety

- Semi-automatic or fully automatic operation (15 rounds per second)

BYRNA MLR | PERFORMANCE

- Muzzle Velocity – 340 fps*
- Kinetic Energy – 16.1 joules*
- Shot Capacity per HPA – 180 shots
- Effective Range – 100'

BYRNA RIFLE SPECS



DESCRIPTION	UNITS OF MEASUREMENT	BYRNA TCR	BYRNA MISSION 4	BYRNA MLR
Model Name		Byrna TCR	Byrna Mission-4	Byrna MLR
Caliber	inch / mm	.68 Caliber	.68 Caliber	.68 Caliber
Projectile Type		round ball	round ball	round ball
Length (along the barrel)	inch / mm	21" / 530mm	32.5" / 826mm	20.75" / 527.5mm
Height (along the grip)	inch / mm	7.5" / 190mm	8.5" / 215mm	7.46" / 189.48mm
Width	inch / mm	2.2" / 55.88mm	2.3" / 58.42mm	5.5" / 139.7mm
Loaded weight (lbs. / Grams)	lbs. / grams	4.5 lbs / 2041g	6.13 lbs / 2780g	5.3 lbs / 2400g
Magazine Capacity	No. of rounds	12-rd & 7-rd	Two 19-rd	180-rd hopper
Receiver Materials		Glass filled Nylon	Die cast Magnesium Blend	Die cast Magnesium Blend
Internal Materials		Aluminum, Stainless Steel	Aluminum, Stainless Steel	Aluminum, Stainless Steel
Propulsion		12-gram CO2	88-gram CO2	26 cu. in. HPA tank
Average Muzzle Velocity (first 10 shots)	feet / sec. (fps)	295 fps	325 fps	340 fps
Maximum Muzzle Velocity	feet / sec. (fps)	330 fps	365 fps	345 fps
Average Kinetic Energy	Joules	12.1 joules	14.7 joules	16.1 joules
Maximum Kinetic Energy	Joules	15.2 joules	18.5 joules	16.6 joules
Effective Range	ft / meters	75' / 22.9 meters	100' / 30.5 meters	100' / 30.5 meters
Shot Capacity on single CO2 / HPA tank	No. of rounds	19	55	180
Operating Temperature Range	F / C	20°-120°F / -6.7°-49°C	20°-120°F / -6.7°-49°C	20°-120°F / -6.7°-49°C
Safety Mechanism		Cross bolt	2 position lever	2 position lever





BYRNA PROJECTILES
DEVASTATING STOPPING POWER



NOT ALL AMMO IS CREATED EQUAL

THE EFFECTIVENESS OF THE BYRNA LAUNCHERS IS EQUALLY DEPENDENT ON THE PERFORMANCE OF THE LAUNCHER AND THE EFFECTIVENESS OF THE AMMO. BYRNA'S AMMO IS DESIGNED SPECIFICALLY TO OPTIMIZE THE PERFORMANCE OF BYRNA'S LAUNCHERS AND BYRNA LAUNCHERS SHOULD ONLY BE USED WITH BYRNA AMMO.

STRONG YET FRANGIBLE

In developing the Byrna Pepper, Byrna Max and Byrna Pro-Training rounds, Byrna's R&D team took great pains to engineer the outer shells to be sufficiently frangible so that they would easily break upon contact with the target (even when wearing puffy clothing), while ensuring that they would be strong enough not to crack or rupture in the launcher. This required the introduction of circumferential break lines and a "variable wall thickness" design.

BUILT TO EXACTING TOLERANCES FOR GREATER JOULE ENERGY AND ACCURACY

Byrna's rounds are also built to exacting tolerances and are the truest and most consistent projectiles on the market today. The exceedingly tight tolerances allow us to manufacture projectiles with the largest possible nominal O.D. This ensures maximum kinetic energy and accuracy without the risk of jamming. This level of precision can only be accomplished using Byrna's proprietary, state-of-the-art, Sphere Assembly Machines (SAM) that ensure consistent mass and flawless welds.

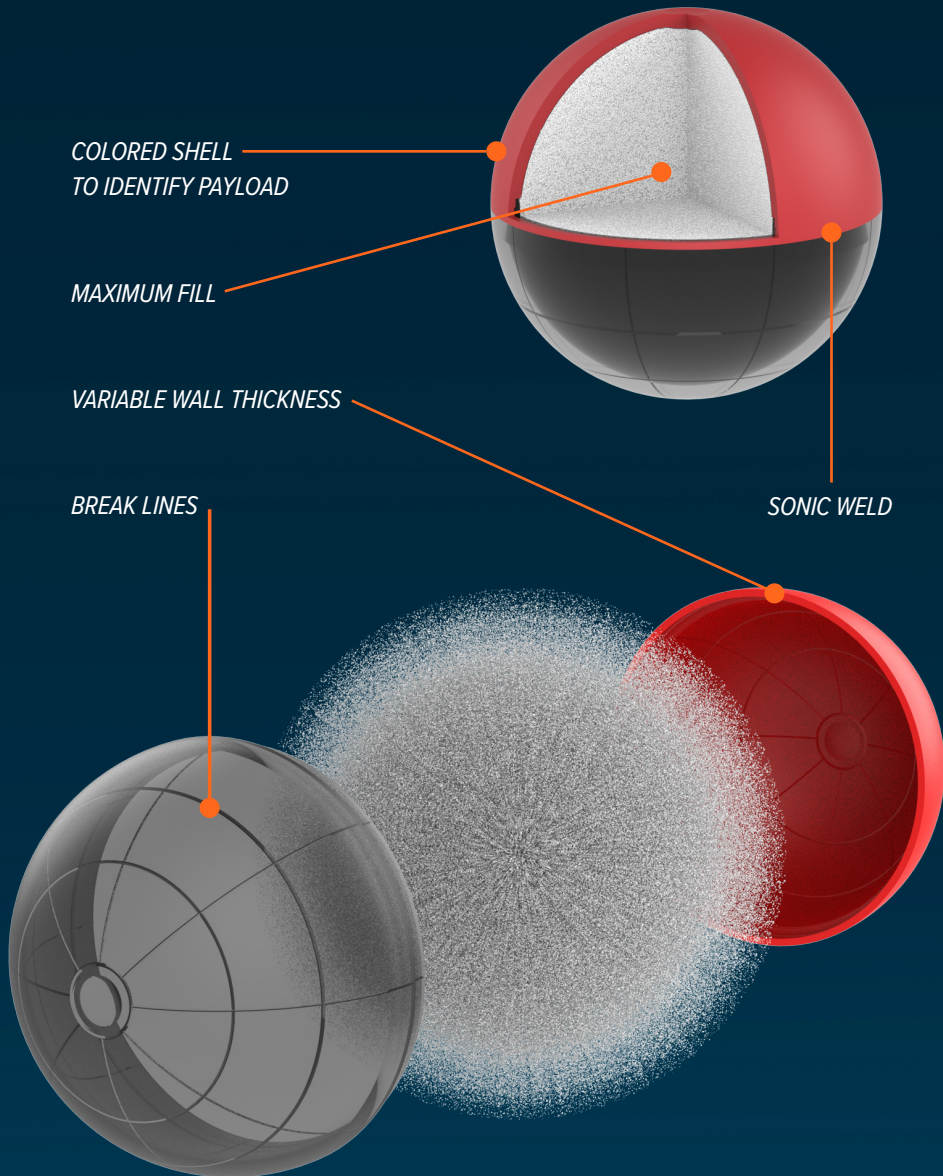
EXTREMELY POTENT FOR ENHANCED STOPPING POWER

Kinetic energy and accuracy are only half the story. The chemical irritant payload must be powerful enough to stop an assailant. Through painstaking development with a world class pharmaceutical company and extensive human subject testing, Byrna has developed the formula for two extremely powerful rounds, Byrna Pepper and Byrna Max, that are designed to utterly incapacitate a would-be assailant without causing permanent injury or death.

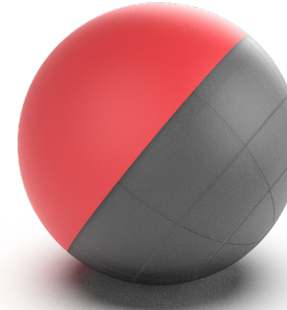
MAXIMUM CLOUD FORMATION AND HANG TIME

Regardless of the potency of the round, if the powder does not form a large enough cloud or hang in the air long enough, the effect of the chemical irritant will be muted. Byrna has worked to develop a payload that is both extremely potent and exhibits maximum dispersion characteristics. Because of the cloud formation, these rounds can disable the intended target even if the projectile does not hit the suspect directly. It is for this reason that chemical irritant rounds are used by law enforcement to apprehend suspects that are hiding behind a wall or barricaded in a room.

DESIGNED AND MANUFACTURED BY BYRNA TECHNOLOGIES

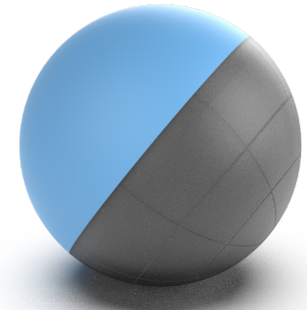


BYRNA CHEMICAL IRRITANT PROJECTILES



BYRNA PEPPER

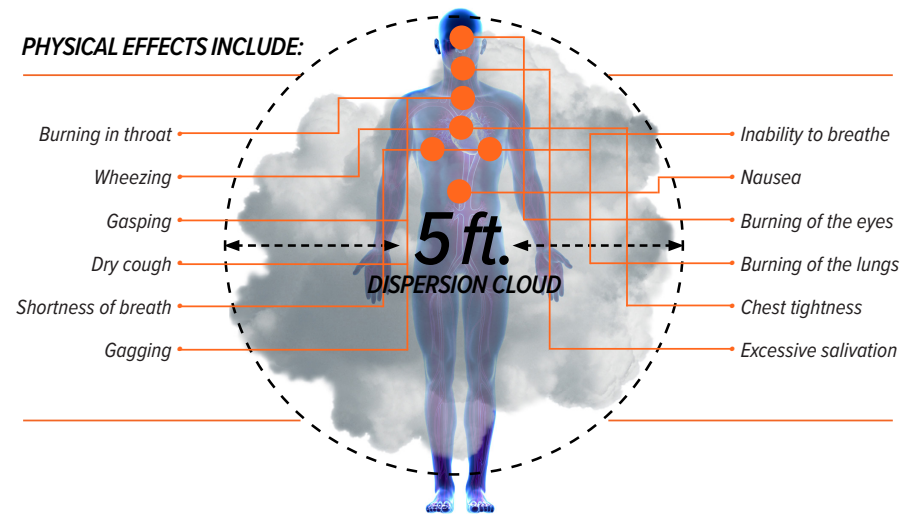
- Byrna Pepper uses a 5% OC/Pava formula. This is ten times stronger than most of the rounds found on the market today. Upon contact with the assailant, the pepper causes an intense burning sensation inducing "temporary blindness," searing pain and respiratory distress.



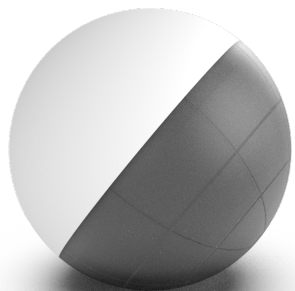
BYRNA MAX

- Byrna Max ups the ante, with a 9% concentration of OC and CS. The introduction of CS – tear gas – compounds the effect of the pepper. With a 9% concentration, Byrna Max is the most powerful chemical irritant round on the market today.

PHYSICAL EFFECTS INCLUDE:

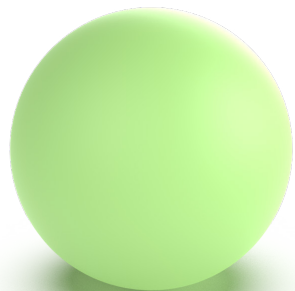


BYRNA SELF-DEFENSE + TRAINING PROJECTILES



BYRNA PRO-TRAINING

- *Byrna Pro-training rounds were developed to help law enforcement officers and civilians alike understand how they can use the chemical irritant rounds by simulating the ballistic performance and cloud formation of Byrna's chemical irritant rounds.*



BYRNA ECO-KINETIC

- *Byrna's Eco-kinetic rounds are the only truly environmentally friendly .68-caliber rounds available on the market today. Produced in a pharmaceutical pill press machine, these sugar-based rounds are not only biodegradable, but they are completely water soluble. As the least expensive round that Byrna manufactures, they are ideal for recreational use and family fun.*



BYRNA KINETIC

- *Byrna Kinetic rounds are designed for both training and self-defense. Produced from a hi-grade PC-ABS polymer, the Kinetic rounds can be used to break glass or inflict pain. Because of the low cost of these rounds (and the fact that they can be re-used if not damaged), these rounds are also often used for target practice.*



SCAN THE QR CODE TO SEE THE STOPPING POWER OF BYRNA'S KINETIC PROJECTILES.



THE ULTIMATE 12-GAUGE LESS-LETHAL AMMUNITION

