

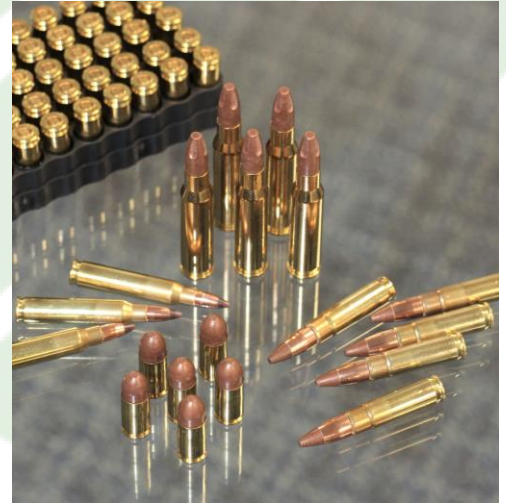


CESARONI  
TECHNOLOGY  
INCORPORATED

# LEAD-FREE FRANGIBLE PROJECTILES

Cesaroni Technology Incorporated (CTI) has been providing lead-free frangible projectiles to all major ammunition manufacturers worldwide for over 25 years. Since the market introduction of CTI's projectiles in the mid 90's, our customers have provided over 1.5 billion rounds of lead-free frangible ammunition to defense and law enforcement users around the globe for both CQB training and tactical operations. Recreational users are also recognizing the advantages of using lead-free frangible ammunition in home defense and indoor/outdoor target shooting.

CTI is continually expanding its line-up of GREENRANGE lead-free frangible projectiles and includes numerous 300AAC Blackout, 9 mm and 5.56x45 variants as well as a number of shot gun projectiles. The product line ranges from .22LR to .50BMG and includes all popular pistol and rifle calibres in both copper-jacketed and unjacketed styles including 4.6x30, 5.56x45, .38S&W, 380AUTO, 9mm, .40S&W, .45ACP, 7.62x39, 7.62x51 & 300AAC Blackout. Shot gun projectiles include both true spherical buckshot and slug designs for 12 gauge applications.



When combined with lead-free primers, GREENRANGE projectiles offer a true 100% lead-free, environmentally friendly alternative to reduced lead and encapsulated lead ammunition products.

Our semi-jacketed frangible projectiles are suppressor safe and do not cause fouling in suppressors unlike other polymeric frangible bullets.



CTI projectiles also offer several advantages over other lead-free designs including:

- Reduced ricochet
- Reduced splash back
- Improved accuracy
- Improved robustness
- Increased lethality on soft targets, even through automotive glass
- Competitive pricing





## Manufacturing

Materials science is CTI's heritage. Our proprietary high-density copper/polymer compounds are manufactured in-house to exacting standards. Combined with high-speed state-of-the-art manufacturing equipment, CTI produces the world's highest quality, best performing, lead-free frangible projectiles.



9 x 19 Jacketless Pistol



5.56 x 45 Semi-Jacketed Rifle

In-house engineering, tool design and fabrication as well as process design and manufacturing allows us to control all aspects of the production process in order to produce the highest quality product at the lowest possible cost. Our high-volume production lines run 24/7 ensuring rapid order turn around. We can also design and produce custom projectiles to fit your specific needs, no minimum required.

## Quality

CTI strives to deliver lead-free frangible projectiles at quality levels unsurpassed in the industry. In order to satisfy requirements and expectations of our customers, we continually improve our products and services using our comprehensive quality management system.

To achieve these objectives, we:

- Cultivate and maintain a quality focused workforce through continuous education and training
- Prevent defects by implementing state-of-the-art automated gauging and sorting systems
- Maintain and improve our standards of manufacturing
- Provide feedback to previous processes for enhanced quality assurance
- Strengthen our supply chain with an effective traceability system

## Why Us?

When compared to other lead-free frangible projectile technologies such as sintered metal, our products:

- Eliminate damage to steel targets and eliminate over-penetration, decreasing range maintenance costs
- Eliminate airborne dust due to disintegrating projectiles
- Eliminate barrel wear and fouling
- Do not require modifications to weapons
- Reliably cycle across all weapons platforms including suppressed and short barrel gas impingement systems
- Maintain standard velocities
- Can be linked using standard links
- Do not crack during bullet crimping and other manufacturing processes

## CONTACT INFORMATION




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# LEAD-FREE FRANGIBLE PROJECTILES



RIFLE


	CALIBRE	DESCRIPTION
	4.6x30	27, 33 grain jacketed cannelured soft point
	.22 LR	21 grain unjacketed short range hollow point
	5.56x45	43 grain unjacketed SRTA 45 grain unjacketed round nose 50, 55, 60, 62 grain jacketed cannelured soft point
	6.8 SPC	77 grain jacketed cannelured soft point
	7.62x51	80, 95 grain semi-jacketed SRTA 120 grain unjacketed SRTA 125 grain jacketed cannelured soft point 125 grain unjacketed round nose
	7.62x39	110 grain unjacketed round nose 110 grain unjacketed SRTA
	300 AAC Blackout	100, 110 grain unjacketed flat tip 110, 120 grain jacketed cannelured soft point
	.338 LAPUA	180 grain unjacketed flat tip
	.50 BMG	635 grain unjacketed SRTA 690 grain jacketed SRTA 645 grain unjacketed flat tip 700 grain jacketed cannelured soft point

\* Images not to scale







# LEAD-FREE FRANGIBLE PROJECTILES



SHOTGUN

	CALIBRE	DESCRIPTION
	12 Ga.	32, 44 grain #00 buckshot 28 grain #0 buckshot 325 grain slug

PISTOL

	CALIBRE	DESCRIPTION
	9 x 19	70, 80, 90, 100 grain flat nose 95 grain round nose
	.380 Auto	75 grain round nose
	.38 SPL	95 grain hollow point 100 grain truncated cone
	.40 S&W	120 grain round nose 125 grain flat nose
	.44 MAG	185 grain truncated cone
	.45 ACP	140, 155 grain round nose

\* Images not to scale



.40 S&W PISTOL CARTRIDGE  
10% BALLISTIC GELATIN



300ACC BLACKOUT RIFLE CARTRIDGE  
10% BALLISTIC GELATIN