

Ultra Defense Corp. Introduces M-PACT™ Ammunition at SHOT Show 2026

Next-generation cartridge technology delivers lighter weight, higher velocity, and improved reliability

Tampa, FL — January 12, 2026 — Ultra Defense Corp. (UDC) today announced the launch of **M-PACT™ (Molded Performance Alloy Case Technology)**, a next-generation ammunition platform engineered to modernize cartridge manufacturing and performance. M-PACT™ will debut to government and commercial audiences at **SHOT Show 2026, Booth #60511** (Venetian Expo, Level 1 – LE Ballroom).

Developed using UDC’s proprietary **Metal Injection Molded (MIM)** process, M-PACT™ features a **single-piece, high-strength alloy case** that is **20–30 percent lighter than traditional brass cartridges**. The molded construction eliminates seams and interfaces common to other so called next generation case designs, reducing failure points while enabling **higher muzzle velocity, increased pressure tolerance, and improved accuracy** across a wide range of operating conditions.

“M-PACT™ is not an incremental improvement—it’s a structural reset in cartridge design,” said **Matthew Herring**, President and CEO of Ultra Defense Corp. “By moving beyond the constraints of a centuries-old manufacturing process, we’ve reduced weight while improving consistency, durability, and reliability. The result is ammunition optimized for modern high-pressure weapon systems and adaptable to mission-specific requirements, from military and law enforcement use to sporting and hunting applications.”

Early internal and user testing has demonstrated **measurable gains in shot-to-shot consistency, terminal performance, and reliability** in all conditions when compared to conventional and other non-brass ammunition. The inherent dimensional uniformity of the MIM process also supports tighter tolerances, contributing to improved accuracy and predictable ballistic performance. Additional technical data, caliber offerings, and application-specific performance metrics will be released closer to commercial availability.

M-PACT™ ammunition is expected to be available for **pre-order and purchase beginning Q1 2026**, with initial offerings supporting both military and sporting markets.

contact@lethality.com
www.lethality.com

M-PACT
MOLDED PERFORMANCE ALLOY CASE TECHNOLOGY

