



### Identifiers

Designation: 9mm MMR, Pistols Only

Origin: United Kingdom/United States

P/N: 01-0976 (Red), 01-0977 (Blue), 01-0978 (Green), 01-0979 (Yellow)

NSN (NATO): 1305-99-514-4577 (Red), 1305-99-975-2499 (Blue), 1305-99-553-5849 (Green), 1305-99-553-5851 (Yellow)

Gross Package: Cardboard Carton containing 20 Boxes of 50 rounds (in trays).

303mm (11.93in) x 184mm (7.24in) x 152mm (5.98in) (L x H x D)

Gross Weight 5.4kg (11.9lb), NEQ 0.03kg (0.07lb)

### Cartridge Components

Cartridge Case: Aluminium

Cartridge Assembly: 4g

Cartridge Overall Length: 30mm / 1.18 in

Front Primer: Boxer Primer

Rear Primer: Boxer Primer

Projectile: See "Projectile Components" (Projectile is powered by primer only).

### Projectile Components

Projectile Mass: 0.45g / 6.9gr

Projectile Assembly: A Plastic Base Cup which holds an Inertia Applicator Ball and Marking Compound covered with a Plastic (open) Cruciform Dome.

Marking Compound: Non-toxic, inert, wax based compound, four standard colours (Red, Blue, Green, Yellow).

Temperature Range of Marking Compound: -10°C to 42°C  
(14°F to 108°F)

### Ballistics

Average Muzzle Energy: Avg 1.9 Joules / 1.4ft/lbs

Average Muzzle Velocity: Avg 95m/sec (310fps)

Accuracy: 50mm (1.97in) at 10m/11yds (mean radius)

Maximum Effective Range for Training: Approximately 20m / 22yds

Optimum Effective Range for Training: Approx. 10m / 11yds & closer.

Standoff Distance: 0.25m / 10in - No Contact Shots.

Surface Danger Zone (SDZ): 117m / 128yds minimum safe distance.

### Operational Data

Noise Levels: Peak 129dB (Indoors)

Operational Temperature Range: -10°C to 42°C (14°F to 108°F)

Compatible Weapon Types: Pistols. Calibre dependant on Conversion Kit.

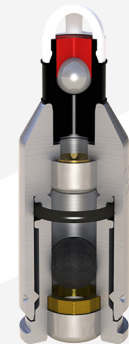
### Storage

Shelf Life: Minimum six years in original packaging  
(Following recommended storage conditions).

Recommended Storage: Dry environment, max storage  
temperature 40°C / 104°F

### Warranty

18 Months in original packaging (Following recommended storage  
conditions).





# TECHNICAL DATA & USAGE SHEET

## 9mm MMR

### Purpose

- Accurate and reliable marking projectile for Force-on-Force or Force-on-Target training.
- Adds realism and stress to training by providing a threat of consequence with physical and visual stimulus.
- Use of Force/ROE, Tactics, Skill Building, Scenarios, Movement Drills and other Interactive Training.
- Use as a safe prelude or alternative to 'Live-Fire' target or CQB training.
- Accuracy and reliability allows for multiple firearms, CQB, and marksmanship applications (360° firing, movement drills, weapon transitions)

### Available Alternatives (9mm MMR)

- SMG Ammunition
- Non-Marking Projectiles.

### Characteristics

- White Dome - indicates ammunition is intended for use in Pistols only. (SMG ammunition has a Black Dome)
- Normal weapon function and recoil.
- Projectiles mark at any angle to include glancing "hits" and do NOT have to burst to mark. Wash clothes and UTM PPE with domestic washing detergent.
- Realistic and consistent cyclic rates in semiautomatic and automatic weapons, which match "Live" fire.
- Surpasses "Live Fire" reliability.
- Minimal environmental impact with low emission.

For more information on product alternatives and usage please contact UTM at:	sales@utmworldwide.com +44 (0) 1638.711.003 +1.877.886.7233 +1.908.725.9000
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### Usage Guidelines

- Whenever handling UTM MMR Converted Weapons during FOF training, UTM recommended and approved goggles, face mask, helmet and protective gloves are mandatory - no exposed skin.
- UTM MMR converted weapons must be fired "clean and dry" in the weapon bore and barrel. NO LUBRICATION IN THE BARREL.
- UTM strongly recommends that at least two layers of loose fitting clothing or UTM PPE clothing be worn during "Force-on-Force" Training exercises using UTM MMR. One layer of clothing (i.e. Military BDU/ACU) is mandatory.
- Contact shots and shots to bare skin are prohibited. Maintain a 0.25m/10in safe separation distance during training engagements.
- Appropriate hearing and eye protection (safety glasses or goggles) is mandatory.
- Intended only for supervised training conducted in accordance with UTM safety training protocols by military, law enforcement or professional training and security organizations.
- Keep all ammunition out of reach of children.
- UTM assumes no responsibility for injuries, loss or damage resulting from misuse of this or any of its products.

### WARNINGS

When converting back to 'Duty' use, ensure that the chamber and bore have been cleaned, cleared of all debris, objects or projectiles and inspected before firing a live round. Failure to ensure that the barrel of the host weapon is free from obstruction could result in damage to the barrel and/or injury to the operator.