

5.56 MM F1A1 BALL AMMUNITION

Consistent performance in varying temperature conditions



CHARACTERISTICS

Length of complete round	57.4 mm (Max)
Projectile construction	Hardened steel penetrator and lead core, enclosed in gilding metal jacket
Propellant type	Single base solvent propellant
Cartridge mass	12.0 g (Nominal)
Projectile mass	4.0 g (Nominal)
Chamber pressure Kistler 6215 transducer	<405 MPa (Avg)
Accuracy	Avg Std Dev < 100 mm in both horizontal and vertical planes @ 300 m
Muzzle energy	1,500 J (Min)
Temperature range	-54°C to 80°C

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IN THE BATTLE SINCE 1888

Australian Munitions' 5.56 mm F1A1 ball ammunition is designed for superior performance with 5.56mm calibre weapons and provides consistent performance across an extreme temperature range while minimising visibility of the firing location during use. Australian Munitions 5.56mm F1A1 ball ammunition meets the essential design parameters of the NATO STANAG 4172. It can be used in all 5.56 Calibre NATO weapons and is comparable to other in service natures such as the FN SS109 and US M855 ball cartridges. The projectile consists of a hardened penetrator and a lead slug enclosed in a gilding metal jacket. Tested weapons include EF88, F89 Minimi Light Machine Gun, M16A2 and M4A1 in accordance with the Multi Calibre Manual of Proof and Inspection Procedures.



SPECIAL FEATURES

Low muzzle flash and smoke to minimise visible signs of the firing location, when compared to other 5.56 mm ammunition, such as M855 rounds using double base propellant (WC844). This is achieved by matching the projectile with the right propellant formulation in order to achieve the required muzzle velocity, while minimising unburnt propellant before the projectile exits the barrel.

FUNCTION

Australian Munitions' 5.56 mm F1A1 ball ammunition offers superior reliability and performance in 5.56 mm calibre rifles in particular the 5.56 mm calibre EF88, Minimi CFNEF89, M16 A2 and M4 A1.

PACKAGING

Australian Munitions' 5.56 mm F1A1 ball ammunition can be supplied in the following standard packaging configurations:

- Plastic film pack (900 rounds per M2A1 container)
- Bandoleer/ charger clip pack (15 rounds per clip, 600 rounds per M2A1 container)
- Linked Pack F1A1 (200 rounds per belt, 800 rounds per M2A1 container)
- Linked Pack 4 Ball F1A1 Tracer M856 (200 rounds per belt, 800 rounds per M2A1 container).

These configurations are packed in standard military packaging, details of which can be supplied upon request. Our 5.56 mm F1A1 ball ammunition will be shipped in packages conforming to UN recommendations for packaging of dangerous goods. The packages are classified as Hazard Division 1.4S, UN Number 0012, Proper Shipping Name - Cartridges, Small Arms.



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