

CHARACTERISTICS



Australian Munitions' 5.56 mm F1 ball ammunition exhibits the following nominal performance characteristics:

Length of complete round	57.4mm (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 < 100mm 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



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5.56 mm F1 BALL AMMUNITION

Consistent performance in varying temperature conditions

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Australian Munitions' 5.56 mm F1 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 comprises of a hardened penetrator and a lead slug enclosed in a gilding metal jacket.

SPECIAL FEATURES

Our 5.56 mm F1 ball ammunition is manufactured at Australian Munitions' Benalla munitions facility and is currently in use with the Australian Defence Force (ADF) in the Austeyr individual weapon and F89 Minimi light support weapon.

Australian Munitions' 5.56 mm F1 ball ammunition employs a specifically designed single base propellant with very low temperature coefficient of ballistics to ensure velocities and pressures remain consistent within variations in ammunition temperature.

The propellant has extreme clean burning characteristics and is an excellent replacement for those propellants that exhibit weapon fouling.

PACKAGING

Our 5.56 mm F1 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 F1 (200 rounds per belt, 800 rounds per M2A1 container)
- Linked Pack 4 Ball F1 1 Tracer M856 (200 rounds per belt, 800 rounds per M2A1 container)

The above mentioned configurations are packed in standard military package containers. Details of these packaging configurations can be supplied upon request.

Our 5.56 mm F1 ball ammunition will be shipped in packages conforming to the UN recommendations for packaging of dangerous goods. The packages are classified as Hazard Division 1.4S, UN Number 0012, Proper Shipping Name – Cartridges for Weapons, Small Arms.