



.50 CAL F1 BALL AMMUNITION

Consistent performance in varying temperature conditions



CHARACTERISTICS

Length of complete round	138.43 mm (Max)
Projectile weight	42.9 g (Nominal)
Projectile velocity (V24)	897 ± 9 m/s
Maximum chamber pressure	< 415 MPa (Avg)
Accuracy	Mean radius < 305 mm @ 550 m
Action Time	0.004 s (Max)
Propellant type	Single base solvent type
Temperature range	-54°C to 80°C

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IN THE BATTLE SINCE 1888

Australian Munitions' .50 cal F1 ball ammunition conforms to the design parameters of NATO STANAG 4383 and has performance equivalent to the US M33 round. The projectile features a steel core enclosed in a gilding metal jacket.

.50 cal F1 ball ammunition is manufactured at Australian Munitions' Benalla munitions facility and is currently in service with the Australian Defence Force (ADF).

SPECIAL FEATURES

Australian Munitions' .50 cal F1 ball ammunition employs a specially designed single base solvent type extruded granular powder in the form of single perforated tubules. The composition is primarily nitrocellulose with added stabiliser; ballistic moderants and flash suppressant. The propellant in our .50 cal F1 ball ammunition exhibits a very low temperature coefficient to ensure velocities and pressures do not vary greatly with changes in ambient temperature.

The powder also has extremely clean burning characteristics and is an excellent replacement for those powders that exhibit barrel fouling. The powder design ensures that the ammunition maintains excellent accuracy and repeatability over the working temperature range.

FUNCTION

Australian Munitions' .50 cal F1 ball ammunition is optimised for use in all .50 calibre weapons currently in use by the ADF (M2HB-QCB or any other equivalent weapons).



PACKAGING

Australian Munitions' .50 cal F1 ball ammunition can be supplied in the following standard packaging configurations:

- Linked ball: one linked belt of 100 rounds per M2A1 container
- Linked 4B1T (M17 tracer): one linked belt of 100 rounds per M2A1 container
- Loose pack: 10 rounds per inner box, 10 boxes per M2A1 container.

Our .50 cal F1 ball ammunition will be shipped in standard military packages conforming to the UN recommendations for packaging dangerous goods. The packages are classified as Hazard Division 1.4C, UN Number 0339, Proper Shipping Name – Cartridges for Weapons, Small Arms.

Details of the above mentioned packaging configurations can be supplied upon request.



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