

## CHARACTERISTICS



Australian Munitions' 7.62 mm F4 ball ammunition exhibits the following nominal performance characteristics:

<b>Length of complete round</b>	71.1 mm (max)
<b>Cartridge mass</b>	24.3 g (nominal)
<b>Propellant</b>	Single base propellant
<b>Primer</b>	Lead Styphnate base, boxer type
<b>Projectile</b>	Full Metal Jacket (Gilding metal and lead core construction)
<b>Projectile mass</b>	9.4 g (nominal)



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Thales Australia Limited trading as Australian Munitions ABN 66 008 642 751

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IN THE BATTLE SINCE 1888



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Weapon image © Australian Department of Defence

## 7.62 mm F4 BALL AMMUNITION

Consistent performance in varying temperature conditions

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Australian Munitions' 7.62 mm F4 ball ammunition is designed for superior performance with 7.62 mm calibre weapons and is equivalent to the US M80 style cartridge. The projectile of the cartridge consists of an alloyed lead/antimony core encased in a full gilding metal jacket.

Australian Munitions' 7.62 mm F4 ball ammunition is manufactured at our Benalla munitions facility and its performance is optimised for use with:

- GPMG MAG 58 - 7.62 mm General Purpose Machine Gun
- FN Minimi LMG - 7.62 mm Light Machine Gun.

### SPECIAL FEATURES

Australian Munitions' 7.62 mm F4 ball ammunition employs a specially designed single base propellant. The propellant is primarily nitrocellulose with added stabiliser and ballistic moderants.

The propellant has extremely clean burning characteristics and is an excellent replacement for those propellants that exhibit weapon fouling. The propellant maintains excellent repeatability over a working temperature range a feature we call 'Ballistic Temperature Independence'.

### FUNCTION

Our 7.62 mm F4 ball ammunition offers superior reliability and performance in 7.62 mm calibre, rifles in particular the 7.62 mm Calibre GP MAG 58 machine gun and FN Minimi LMG.

### PACKAGING

Australian Munitions' 7.62 mm F4 ball ammunition can be supplied in the following standard packaging configurations:

- BAM M19A1 containing 200 cartridges; 7.62 mm ball, F4 linked
- BAM M19A1 containing 200 cartridges; 7.62 mm ball, F4/1 tracer F62 mixed link.

These configurations are packed in standard military packaging, details of which can be supplied upon request. Our 7.62 mm F4 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 0014. Proper shipping name - Cartridges, Small Arms.