



# ADI 20mm PHALANX AMMUNITION

## Consistent performance in varying temperature conditions

ADI 20mm Phalanx ammunition conforms to the design parameters of the Australian Defence Force (ADF) and is manufactured under licence. The ammunition is designed for use with the MK 15 Phalanx close in weapons system. The system is employed on naval vessels as a fast reaction, rapid-fire 20mm gun system that provides terminal defence against anti-ship missiles and other incoming air targets. ADI 20mm Phalanx ammunition is manufactured at ADI's Benalla munitions facility and is currently in service with the ADF.

### Special features

ADI 20mm ammunition designed for utilisation in the Phalanx close in weapons system, employs a discarding sabot and utilises a tungsten round that offers superior characteristics and performance against anti-ship missiles and other incoming air targets for improved vital asset protection.

ADI 20mm Phalanx ammunition employs a specially designed double based solvent type powder. The composition is primarily nitrocellulose and nitroglycerine with added stabiliser, ballistic moderants and flash suppressant.

### Function

ADI 20mm Phalanx ammunition is optimised for use by the ADF in the Phalanx close in weapons systems.

### Characteristics

ADI 20mm Phalanx ammunition exhibits the following nominal performance characteristics:

Length of complete round.....	168.00mm
Projectile weight.....	92.0 grams (660 grains)
Projectile velocity(@ 24m from the muzzle) ...	1140 m/s @ +21°
Chamber pressure.....	417 (copper gauges) Mpa @ + 21C
Accuracy .....	<380mm @ 550 m
Propellant.....	double base solvent type

### Packaging

ADI 20mm Phalanx ammunition can be supplied in the following standard packaging configuration:

- Linked: 100 rounds linked and packed in single M548
- ADI 20mm Phalanx ammunition will be shipped in standard military packages conforming to the UN recommendations for packaging of dangerous goods. The packages are classified as Hazard Division 1.4C, UN Number 0339. Proper shipping name - Cartridges for Weapons, Inert Projectile. Details of the above-mentioned packaging configurations can be supplied upon request.

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