

MANUAL FOR USE, HANDLING, TRANSPORTATION AND STORAGE OF PLASTIC BLANK AMMUNITION

1. Purpose, properties and use

Plastic blank ammunition is non-lethal ammunition without projectile, designed for military forces and law enforcement for training shooting to imitate live firing as regard handling, weapon cycling, recoil and sound effect.

Cartridge case of plastic blank ammo is made from a special selected thermoplastic polymer to ensure optimum performance and efficiency. Red coloured cartridge case is easily to recognize as a blank ammo to avoid shooter mistake i.e. mixing with live ammunition.

For proper semiautomatic and automatic firing mode of rifles and machineguns, the weapons must be equipped with blank firing attachments (BFA) on the barrel muzzle. Firing of pistol ammunition on semiauto pistols is only possible with hand cycling in single shot by shot mode.

Safety distance front of the muzzle for all calibres is minimum 4,5 meters except for the calibres 12,7x99mm and above where safety distance is minimum 7 meters.

For plastic blank ammunition is normal operating temperature in range between -30°C to +50°C but the ammunition is also considered safe to use up to +63°C.

2. Handling

The plastic blank ammunition shall be handled according to the regulations for use of ammunition. There is no danger in common handling. Do not eat, drink smoke or use open fire when handling with cartridges. The cartridges are necessary to protect from effect of radiating heat and mechanical or electrical sparks. The cartridges must not be exposed to impact or mechanical friction. Rough handling or disassembling of cartridges is prohibited. Cartridges packaging should not be opened until the ammunition is required for use. The cartridges should be protected from sand, mud, dirt and water. If it gets dirty or wet, it should be wiped off with a clean dry cloth before introduce in weapon chamber.

3. Transportation information

Transport by ADR / RID / IMDG / IATA regulations

Proper shipping name:	Cartridges for weapons, blank or Cartridges, small arms, blank
UN number:	0014
Classification:	1.4 S

4. Shelf life and storage conditions

- The ammunition must be stored in original closed packaging in dry, clean and airy storeroom. The ammunition must be protected against weather influences, ground humidity radiant heat of heating bodies and direct sunshine.
- The cartridges must not be stored with acids, ammonia, strong oxidizers, caustics, corrosive atmosphere and explosives from incompatible groups.
- The cartridges when stored in original steel outer packaging box at proper conditions with relative humidity up to 85% and air temperature of 0°C to 45°C, have a shelf life at least 10 years.
- The cartridges when stored in original cardboard or wooden outer packaging box at proper conditions with relative humidity up to 70% and air temperature of 0°C to 45°C, have a shelf life at least 10 years.
- The cartridges when stored without original packaging and at proper conditions with relative humidity from 40% to 70% and air temperature of 5°C to 45°C, have a shelf life 3 years.
- Cartridges, which have been submitted during several weeks to temperature between +45°C to +65°C, must be separately stored and used before in 1 year.
- Cartridges prolonged stored at temperature above +65°C must be removed from the service and demilled according to local or federal laws and regulations.
- Avoid prolonged storage of cartridges in loaded magazine.
- Keep out of reach of children.

5. Warranty

For the ammunition stored according to above stated storage conditions warranty period is 2 years from the date of receipt of products or the date of quality acceptance at customer (whichever date is last).

6. Disposal and demill procedure

The fired cartridges don't contain any hazardous material or components and aren't dangerous waste. Dispose of as required by local, state and federal laws and regulations. EWC waste code number of primers and propellants are 16 04 03.

No ecological problems to be expected if ammunition is handled and used properly.

Misfired cartridges demill with burning according to local, state and federal laws and regulations.