

Patria

120 mm Mortar Infrared Smoke Round



Characteristics

- 120 mm Mortar Infra-Red Smoke (IR-SMK) -Round which disperses three burning Smoke Pots
- Provides visual and infra-red screening for several minutes
- Compatible with Patria's Turreted Mortar Systems (AMOS® and Nemo®) when equipped with Stub Case
- Compatible also with Standard Muzzle loaded 120 mm Mortar Systems without Stub Case
- The Round is fully tested and qualified for Finnish Defence Forces
- Delivered as a ready to fire round, equipped with Fuze, Charge System and Stub Case (If required), in 2-round Container
- UN-Code and Hazard Division UN 0015 1.2G

Performance

- Muzzle Velocity 128...391 m/s and corresponding Range 0,3... 8,3 km (From AMOS® and Nemo®)
- Flying mass 14 kg
- Upon Time Fuze function In a height from 400m to 500m the Front and Rear Body are split and payload of two larger and one smaller burning Smoke Pots containing red phosphorus is ejected
- Total length with Stub Case and Time Fuze ~720 mm
- Probable error (of range) <0.5% (range) x <0.3% (deflection)
- Operation and storage temperature -46...+63°C
- Capable of blinding visual and infrared (mid and far infrared wavelength) observation devices and prevent laser designation for at least one minute (depends highly on weather)
- Maximum Operating Pressure 162 MPa (Charge 5, AMOS® or Nemo®)

Patria

Patria Land Services Oy

Large Calibre Ammunition

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