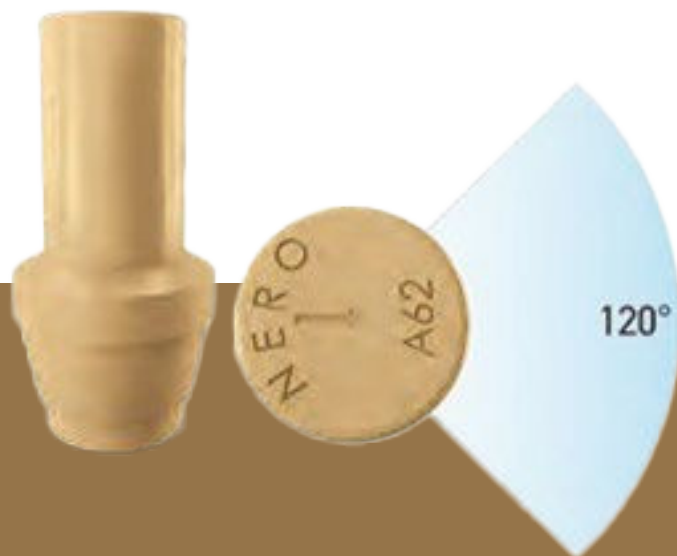


**Uninterrupted Detection,
Anywhere.**

**FIRE EXTINGUISHING
NOZZLE**



FIRE EXTINGUISHING NOZZLE

The Fire Suppression Nozzle is a precision-engineered discharge component designed for tactical and industrial extinguishing systems. It ensures controlled directional dispersion of suppression agents with high corrosion resistance and reliable performance under mission-critical conditions.

Technical Specifications

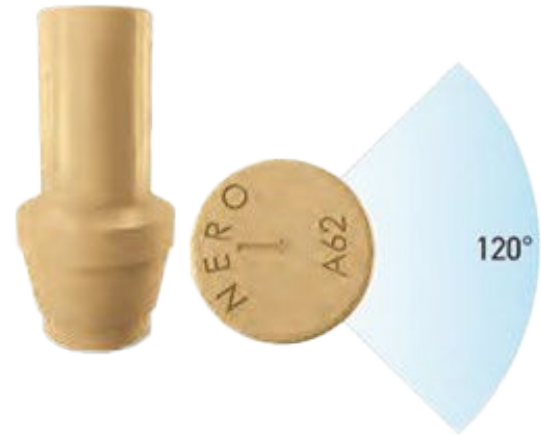
Parameter	Specification
Spray Pattern Viewing Angle	90° – 180° (depending on model)
Internal Orifice Diameter	5 mm (standard) / 6 mm (optional)
Flow Rate (Nominal)	50–60 L/min (water or compatible agents)
Construction Material	AISI 304 Stainless Steel or Brass Alloy
Surface Protection	Natural corrosion-resistant finish
Orientation Alignment	Mechanical alignment indicator arrow
Unit Mass	20 g ± 5 g
Environmental Resistance	Suitable for harsh field environments

Operational Capabilities

- Rapid agent discharge for localized or wide-angle coverage
- Optimized for portable and onboard extinguishing systems
- Stable and uniform particle distribution
- Designed to maintain structural integrity under shock/vibration

Defense Use Cases

Armored and tactical vehicle fire suppression systems
Military facility protection equipment
Naval and aerospace support extinguishing canisters
Asset and ammunition compartment hazard control
Engine bay and enclosed-space fire mitigation



Functional Configurations

Model Designation	Orifice Diameter	Spray Angle Type
A51	5 mm	90° Fog Cone
A52	5 mm	120° Fog Cone
A53	5 mm	150° Fog Cone
A54	5 mm	180° Full Cone
A61	6 mm	90° Fog Cone
A62	6 mm	120° Fog Cone
A63	6 mm	150° Fog Cone
A64	6 mm	180° Full Cone
Engine Type Aluminum	3/8" (9.525 mm)	Full Cone 120°
Tire Type Aluminum	3/8" (9.525 mm)	Full Cone 120°