

Metal reel 5 for 500 m 4 mm guide line with fluorescent beads



The **metal reel for 4 mm guide lines, 500 meters long**, is a piece of equipment designed for fire-fighting professionals, rescue teams and responders working in complex environments or with reduced visibility.

Used in particular during reconnaissance operations in smoky environments, underground, in tunnels or in confined spaces, the **fire guide line** enables responders to maintain a reliable physical reference between the access point and the intervention zone. It helps to ensure the safe progress of teams and facilitates their return in difficult conditions.

What is a firefighter guide line?

A **firefighter's guide line** is a guiding device used by fire-fighting teams when they have to navigate in areas where orientation is difficult due to smoke, darkness or building configuration.

It serves as a guiding thread, enabling responders equipped with self-contained breathing apparatus (SCBA) to maintain a safe path. **Fluorescent beads positioned on the guide line** facilitate tactile and visual identification of the direction of travel, even in severely degraded visibility conditions.

A 100% metal reel designed for demanding environments

This reel is distinguished by its **all-metal design**, including flanges, drum and frame. This robust construction ensures excellent mechanical resistance to impact, repeated handling and the stresses encountered during operational interventions.

Unlike lighter reels intended for occasional use, this **professional metal reel** is designed to withstand intensive use by fire departments, industrial teams and specialized operators.

Smooth winding and reinforced mechanism

The reel's rigid structure guarantees stable, even rotation for easy deployment and storage of the guide line. Its robust mechanism ensures **even rope winding**, reducing the risk of tangling and improving the efficiency of field operations.

The integrated handle facilitates transport and handling of the reel during set-up, intervention and equipment storage.

High capacity for long-distance guide lines

Thanks to its reinforced drum and optimized internal volume, this reel can store a **long fire-fighting guide line of up to 500 meters**. This high capacity meets the needs of operations requiring long-distance progression.

It is particularly well-suited to industrial sites, underground infrastructures, tunnels, large buildings and other environments requiring a reliable solution for guiding and securing movements.

Technical specifications of the metal reel

- **Type:** reel for fire guidance line
- **Line length:** 500 m
- **Line diameter:** 4 mm
- **Marking:** fluorescent beads
- **Structure:** all-metal
- **Composition:** metal flanges, drum and frame
- **Internal volume:** 9.5 liters
- **Drum dimensions:** 275 x 185 mm
- **Handle:** integrated for easy transport
- **Applications:** fire fighting, rescue, industry, confined spaces

Advantages of the metal guide line drum

- Highly robust for intensive professional use
- Highly resistant to impact and harsh conditions
- Rapid guide line deployment
- Stable, even winding
- Durable, low-maintenance construction
- Suitable for long operating distances
- Easy to locate thanks to fluorescent beads

Professional applications

The **metal reel with 500 m guide line** meets the needs of professionals working in environments where safety, orientation and equipment reliability are essential:

- Departmental fire and rescue services (SDIS)
- Industrial fire brigades
- Petrochemical sites and sensitive installations
- Operations in tunnels and underground structures
- Confined spaces and complex technical areas

- Industrial maintenance and long-distance inspections

MMF expertise in professional fire-fighting equipment

MMF selects equipment for fire, security and industrial professionals to meet operational requirements in the field.

With a complete range of fire accessories, guiding solutions, fittings, hydraulic equipment and specialized materials, MMF helps users choose reliable, durable products adapted to the most demanding interventions.

This **metal reel for a 4 mm fire guide line, 500 m long, with fluorescent beads**, represents a robust, high-performance solution for securing the movement of teams during complex operations.