

Economical, bare forest fire hose without couplings



This **economical, bare forest fire hose without couplings** is designed for establishing water lines during **firefighting** operations in forested and agricultural areas and in wildland fires. Its **self-wetting** design helps protect the hose when used in environments exposed to heat and flames.

Supplied **bare, without couplings**, this hose allows professionals to select the coupling system that matches their equipment fleet. Its textile construction made of high-tenacity synthetic fibers, combined with a waterproof rubber inner lining, offers a good balance of **strength, reliability, and cost-effectiveness** for firefighting operations.

A self-wetting hose suitable for fighting wildfires

During a wildfire, hoses can be subjected to particularly harsh conditions: heat, proximity to flames, friction against the ground and vegetation, repeated movement, and exposure to the elements. This **self-wetting forest fire hose** is designed to withstand these challenges while remaining easy to maintain.

The self-wetting mechanism keeps the hose's outer surface moist during use. This feature provides additional protection when the water line is running near an area exposed to flames.

Textile construction resistant to abrasion and outdoor conditions

The hose's structure is based on a **circular textile construction made of high-tenacity synthetic polyester and polyamide yarns**. The twill weave is made with 2- or 3-ply warp yarns to create a durable outer layer suited to the mechanical stresses encountered in the field.

The inner lining of **impermeable black rubber** ensures the hose is watertight. Its design also makes it resistant to contact with oils and hydrocarbons.

Technical Specifications of the Forest Fire Hose

- **Version:** bare hose supplied without couplings
- **Function:** self-wetting fire hose
- **Construction:** circular textile
- **Textile materials:** high-tenacity polyester and polyamide
- **Weave:** twill with 2- or 3-strand warp yarns
- **Inner lining:** waterproof black rubber

- **Maximum longitudinal elongation:** 3%
- **Maximum transverse elongation:** 3%
- **Resistance:** abrasion, flame, ozone, weathering, and aging
- **Contact resistance:** oils and hydrocarbons
- **Maintenance:** low maintenance required
- **Color:** red

Diameters, pressures, and performance

Diameter	Weight	Burst pressure	Max. working pressure	Wall Thickness
19 mm	120 g/m	60 bar	20 bar	1.30 mm
25 mm	150 g/m	60 bar	20 bar	1.30 mm
32 mm	185 g/m	60 bar	20 bar	1.30 mm
38 mm	200 g/m	60 bar	20 bar	1.40 mm
42 mm	240 g/m	60 bar	20 bar	1.40 mm
45 mm	250 g/m	60 bar	20 bar	1.40 mm
52 mm	300 g/m	50 bar	17 bar	1.50 mm
64 mm	400 g/m	50 bar	17 bar	1.50 mm
70 mm	470 g/m	50 bar	17 bar	1.50 mm
75 mm	530 g/m	50 bar	17 bar	1.60 mm

A wide range of diameters for firefighting operations

Available in **diameters ranging from 19 mm to 75 mm**, this hose allows the water line to be adapted to operational needs and the equipment used. Depending on the diameter, the **maximum working pressure reaches 20 bar**, with a burst pressure of up to **60 bar**.

This range of diameters meets the needs of both lightweight, portable lines and facilities requiring larger diameters.

Bare hose without fittings: choose your connection system

This version is sold **without fittings**. This allows for installation compatible with equipment already in use by the fire department or facility operator.

The hose is compatible with **DSP and Guillemin couplings**. Other international coupling systems may also be considered, including **BS, NEN, or NST** standards.

Applications of the forest fire hose

- Fighting forest and wildland fires
- Fire department operations
- Establishing water lines in forested areas
- Fire protection for agricultural operations
- Industrial fire services
- Operations in Areas Prone to Abrasion and Harsh Outdoor Conditions

Why Choose This Cost-Effective Forest Fire Hose?

This **cost-effective forest fire hose** is an ideal solution for professionals seeking a durable hose to establish or expand their firefighting lines while staying within budget. Its self-wetting properties, resistance to abrasion and flames, and high-tenacity textile construction meet the key challenges encountered during operations in natural environments.

It is delivered **bare, without couplings**, offering greater flexibility to adapt the hose to existing connection standards and equipment in the fire department's fleet.

MMF: Professional Equipment for Fighting Wildfires

MMF offers solutions designed for professionals in wildland firefighting and operations in challenging environments. This **self-wetting fire hose for forest fires** complements a product line that includes forest hoses, fire couplings, handheld nozzles, hydraulic accessories, and equipment for establishing water lines.