PN40 Semi-Rigid High-Pressure Fire Hose (Discharge)



The **PN40 high-pressure semi-rigid fire hose** is designed to meet the needs of firefighting professionals who require reliable, rugged, and immediately operational equipment.

Intended for **fire trucks, civil defense vehicles, and emergency response equipment**, this semi-rigid hose (TSR) delivers pressurized water while maintaining excellent maneuverability during field operations.

A High-Pressure Semi-Rigid Hose for Firefighting

Unlike conventional flexible hoses, a **semi-rigid fire hose** retains its shape and can be quickly deployed from a reel without needing to be fully unrolled before pressurization.

This design facilitates rapid response and ensures that emergency crews have an operational water line immediately available.

With a **nominal pressure rating of PN40**, this hose is specifically designed for applications requiring high pressure resistance and exceptional reliability under intensive use.

Compliance with NF EN 1947 + A1 Class 2 Category 1

This **semi-rigid high-pressure fire hose** complies with the **NF EN 1947 + A1 Class 2, Category 1** standard, the European standard applicable to semi-rigid hoses intended for firefighting equipment.

This classification guarantees a hose with a plastic tube and lining, designed to meet the operational demands of fire departments and professional users.

Robust construction for demanding conditions

The PN40 hose design ensures excellent mechanical strength, good pressure resistance, and high durability during repeated use:

- **Type:** TSR semi-rigid fire hose
- **Application:** High-pressure discharge
- **Rated pressure:** PN40
- **Standard:** NF EN 1947 + A1
- **Class:** Class 2
- **Category:** Category 1
- **Construction:** reinforced plastic tube and coating
- **Application:** fire hoses and emergency response vehicles

Advantages of the PN40 semi-rigid fire hose

- Quick deployment directly from a reel
- Suitable for high-pressure systems
- High maneuverability during operations
- Retains its shape even when unpressurized
- Excellent resistance to field conditions
- Designed for intensive professional use

Professional applications

The **PN40 semi-rigid high-pressure discharge hose** is particularly well-suited for environments requiring high-performance firefighting equipment:

- Fire trucks
- Civil defense vehicles
- On-board fire hoses and reels
- Rapid response units
- Industrial sites equipped with firefighting equipment
- Security services and emergency response teams

MMF: Specialist in Professional Fire Safety Solutions

MMF supports fire safety professionals with a selection of equipment designed to meet the operational challenges of the field.

The **PN40 high-pressure semi-rigid fire hose, compliant with NF EN 1947 + A1 Class 2, Category 1**, meets the needs of fire departments, industrial facilities, and local governments seeking reliable, high-performance, and durable equipment.