PN16 Semi-Rigid Low-Pressure Fire Hose (Discharge)



The **20-meter DN25 semi-rigid fire hose with a bronze GFR coupling** is designed for use on civil defense vehicles, emergency response vehicles, and facilities requiring a reliable and immediately operational discharge solution.

Designed for professional use, this **semi-rigid firehose (TSR)** offers excellent mechanical strength while remaining easy to handle. Its connection with a **bronze GFR coupling** ensures a robust connection suited to the demands of firefighting operations.

A semi-rigid hose designed for fire hose reels

Unlike traditional flexible fire hoses, a **DN25 semi-rigid hose** can be used directly from a reel without needing to be fully unrolled first.

This feature allows for faster deployment during operations and facilitates the work of emergency response teams when an efficient water supply must be established.

Thanks to its reinforced structure and design that meets professional standards, this hose meets the needs of **firefighters, emergency services, local governments, and industrial safety teams**.

Complies with the NF EN 1947 + A1 standard

This **DN25 semi-rigid fire hose** complies with standard **NF EN 1947 + A1, Category 1**, which applies to semi-rigid hoses intended for firefighting equipment.

A Category 1 hose with a plastic tube and lining is specifically designed for hose reels on civil defense vehicles.

Composition of the DN25 fire hose

The multilayer design ensures an excellent balance between strength, flexibility, and durability:

- **Inner tube:** black PVC
- **Reinforcement:** high-strength textile braid
- **Outer coating:** PVC
- **Appearance:** smooth outer surface
- **Standard color:** red

Bronze GFR coupling: durability and reliability

The hose is delivered pre-assembled with a **bronze GFR coupling**, which is pa professional firefighting applications.

Bronze offers excellent mechanical strength as well as good resistance to harsh operating conditions. It ensures a durable connection between the hose and compatible firefighting equipment.

Technical Specifications

- **Type:** TSR semi-rigid fire hose
- **Nominal diameter:** DN25
- **Length:** 20 meters
- **Connection:** pre-installed bronze GFR coupling
- **Inner diameter:** 25 mm (1")
- **Outer diameter:** 34 mm
- **Wall thickness:** 4.3 mm
- **Working pressure:** 15 bar
- **L.N.E test pressure:** 45 bar
- **Bend radius:** 120 mm
- **Hose weight:** 0.56 kg/m
- **Operating temperature:** -20°C to +60°C
- **Standard:** NF EN 1947 + A1 Category 1

Professional Applications

The **DN25 semi-rigid hose with a bronze GFR coupling** is particularly well-suited for applications requiring rapid deployment and reliability:

- Civil defense vehicles
- Fire trucks and firefighting equipment
- On-board hose reels
- Initial fire response
- Industrial sites equipped with firefighting systems
- Security and maintenance services

MMF: Ready-to-use professional firefighting equipment

MMF offers firefighting solutions tailored to the operational requirements of professionals. This **20-meter DN25 fire hose, equipped with a bronze GFR coupling**, is delivered ready to be installed on a reel to ensure rapid availability during emergency responses.

With its expertise in firefighting equipment, MMF assists emergency services, industrial companies, and local governments in selecting reliable equipment that meets on-site requirements.