

Flexible PIL fire hose for fire department delivery



P.I.L. reinforced hose for firefighters and industry

The **PIL hose** is a high-performance flexible delivery hose, ideal for **firefighting and demanding industrial environments**. Its reinforced design makes it a reliable piece of equipment for intensive use, combining mechanical strength, durability and flexible handling.

Construction and materials

- **Textile weave:** 100% polyester synthetic fiber warp and weft, high tenacity, circular twill weave
- Longitudinal elongation max. 3% - Transverse elongation max. 4
- **Inner lining:** black SBR rubber with NBR adhesive coating, resistant to oils and hydrocarbons, smooth inner wall to limit pressure loss
- **Outer coating:** polyurethane coating, excellent resistance to abrasion, ozone and ageing

Key features

- High resistance to abrasion and external aggression
- Very low pressure drop thanks to smooth inner wall
- Flexible, dimensionally stable and easy to handle
- Enhanced durability under intensive conditions
- Suitable for hydrocarbons and hazardous environments

Applications

This hose is particularly suitable for :

- **Firefighters:** firefighting and water supply
- **Industry:** water and liquid transfers in harsh environments
- **Sensitive sectors:** refineries, factories, hydrocarbon areas

Distribution MMF Protection et Sécurité

MR SPECIAL is available from **MMF Protection et Sécurité** your expert supplier of fire protection solutions and reliable, certified professional equipment.

PIL hose information:

A PIL hose is a special type of fire hose used by firefighters:

PIL stands for "Pompier Incendie Légèrement Armé" (or sometimes "Pompier Incendie Léger", depending on the manufacturer).

This is a flat, flexible hose, generally without heavy armouring, used to transport and deliver water during firefighting operations.

It is lighter and easier to handle than a reinforced hose (such as fire hose reel or metal-armored hose), making it easier to deploy quickly.

PIL hose is often used in conjunction with other fire-fighting equipment (hose reels, motor-driven pumps, tankers).

In short: PIL hose is a flexible, lightweight fire hose standardized for fire-fighters, designed to transport water under pressure.