

Uncoated semi-rigid suction hose



The **semi-rigid water suction hose** is designed to connect a compatible pump to a water supply, a tank, a pond, a water source, or an area to be pumped. It ensures that water is drawn toward the pump as part of a temporary installation, an emergency response, or an on-site pumping need.

Its semi-rigid design offers a good balance between mechanical strength and ease of installation. Unlike a fully flexible hose, it retains its shape better during suction and reduces the risk of crushing, while remaining easier to handle than a rigid pipe.

A Suction Hose for Professional Pumps

This hose is suitable for professional applications requiring a reliable water supply to the pump from a water source. It can be used at industrial sites, construction sites, utility rooms, flooded areas, fire water reservoirs, or during emergency response operations.

It is particularly well-suited for installations requiring a semi-rigid suction hose capable of maintaining its cross-sectional area while the pump is operating. The **bare** version allows for customization of fittings to match the pump, strainers, available connections, or on-site standards.

Several models are available depending on diameter and length

This hose is available in several models to meet various suction needs. The available versions allow you to select a diameter suited to the desired flow rate, the pump being used, and the system configuration.

- **DN50 x 5 m bare;**
- **DN75 x 4 m bare;**
- **DN100 x 4 m, bare.**

The choice of diameter depends on the pump's suction connection, the required flow rate, the suction head, the installed length, and acceptable pressure drops. A larger diameter generally facilitates the pump's suction, provided it is compatible with the system.

Technical Specifications

Product Type	Semi-rigid hose for water suction
Application	Water suction, pump feed, pumping from a reservoir, tank, basin, or water source
Available Models	DN50 x 5 m bare, DN75 x 4 m bare, DN100 x 4 m bare
Available diameters	DN50, DN75, and DN100
Available lengths	5 m for DN50, 4 m for DN75 and DN100
Version	Bare, without fittings installed
Color	For illustrative purposes only
Compatibility	Pumps with a compatible suction connection
Material	Spiral PVC
Hose type	Semi-rigid, suitable for suction
Users	Industrial users, firefighters, technical services, local governments, emergency response professionals
Applications	Pumping, pump feed, water storage, tank, basin, flooded area, emergency response

Usage

- Water suction with a compatible pump;
- supplying a pump from a reservoir, tank, or basin;
- pumping from a natural or artificial water source;
- operations in flooded areas or utility rooms;
- use with a strainer or suitable suction fitting;
- Installation requiring a bare semi-rigid hose to be fitted as needed.

FAQ – Semi-rigid Hose for Water Suction

What is this semi-rigid hose used for?

It is used to connect a pump to a water source to ensure **water is drawn** into the pump. It can be used with a reservoir, tank, basin, or area to be pumped.

What does “bare” mean for this hose?

“**Unfinished**” means that the hose is supplied without any fittings attached. You must therefore provide the fittings, clamps, or accessories suitable for the pump and the installation.

Why use a semi-rigid hose for suction?

For suction applications, the hose must maintain its cross-sectional area to prevent crushing. The semi-rigid design provides better structural integrity than a conventional flexible hose, while still remaining easy to handle.

How do you choose the right diameter?

The choice depends on the pump's suction diameter, the desired flow rate, the required length, the suction head, and acceptable pressure drops.